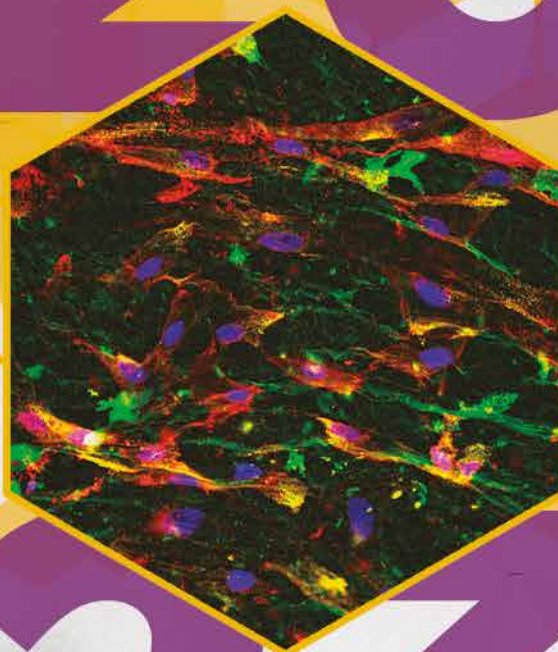


SCIENTIFIC REPORT

Instituto de Investigación Sanitaria
Hospital Clínico San Carlos

20
23



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Calle del Prof Martín Lagos, s/n, Moncloa
Aravaca, 28040 Madrid

Maquetación y diseño gráfico: La Casa Torcida (www.lacasatorcida.com)

Primera edición: septiembre de 2024

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SCIENTIFIC REPORT IdISSC 2023



Acknowledgments:

To all the staff of the research groups for their contribution and effort in the preparation of this report.

Cover images

Prize of the “II Concurso de fotografía Científica IdISSC” 2024

Author: Vanesa García Barberán (ORCID: 0000-0002-2531-0203)

Title: Transforming the road network.

Description: Immunofluorescence: nuclei (blue) and membranes (red) of fibroblasts treated with tumour exosomes, and their production of fibronectin (green) and collagen (yellow) in the extracellular matrix.

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SCIENTIFIC REPORT **INTRO**
IDISSC 2023 **DUCTION**

TIME...
(what we do and whatever left undone)
...HAS THE POWER TO MAKE US INDISPENSABLE.

Elena Urcelay García
Scientific Director (IdISSC)

From left to right:
 Elena Urcelay García, Scientific Director IdISSC
 César Adolfo Gómez Derch, President FIB HCSC
 Joana Modolell Aguilar, Director FIB HCSC



Introduction

The Health Research Institute of the Hospital Clínico San Carlos in Madrid was created with the intention of promoting research and planning the scientific activity in line with the areas defined in the strategic plan. It consists of the following entities:



Mission

To promote and consolidate the biomedical research and innovation activities of the groups that make up the institute, thus building an efficient and sustainable organisation that generates scientific evidence geared towards healthcare practice and improving the health of citizens.

View

To be an inclusive and diverse community that seeks scientific rigour, with international projection that conducts networked research, is committed to innovation, technological development and health results.

Values

The Values of the Health Research Institute of the Hospital Clínico San Carlos are:

- Proximity
- Continuous Improvement
- Transparency

Annual milestones



European funding awarded to 1 projects

Cofund action under the Horizon Europe Programme: European Partnership on Transforming Health and Care Systems (THCS).



Award of 3 Platforms Supporting Research in Biomedicine and Health Sciences – ISCIII



Concession of 1 Miguel Servet and 2 Rio Hortega contracts



IdiSSC Programme: Our researchers abroad

Ada Esteban Sánchez; María Martínez Vega; Sofía Álvarez Galeano.



01

Launch of the Smart Health Center

A meeting point that facilitates the development of innovative technological projects, open to public and private collaboration and oriented at the same time to the specialised training of professionals



02

03

11 Health Research Projects awarded, improving our success rate



04

05

Integration into the State Network Consortium for the Development of Medicines for Advanced Therapies (CERTERA)

(PI: Emilio Vargas Castrillón TEC.10 Farmacología Clínica)

06



07

Accreditation of the Experimental Therapies Unit in cancer

Compliance with good clinical practice requirements.

08

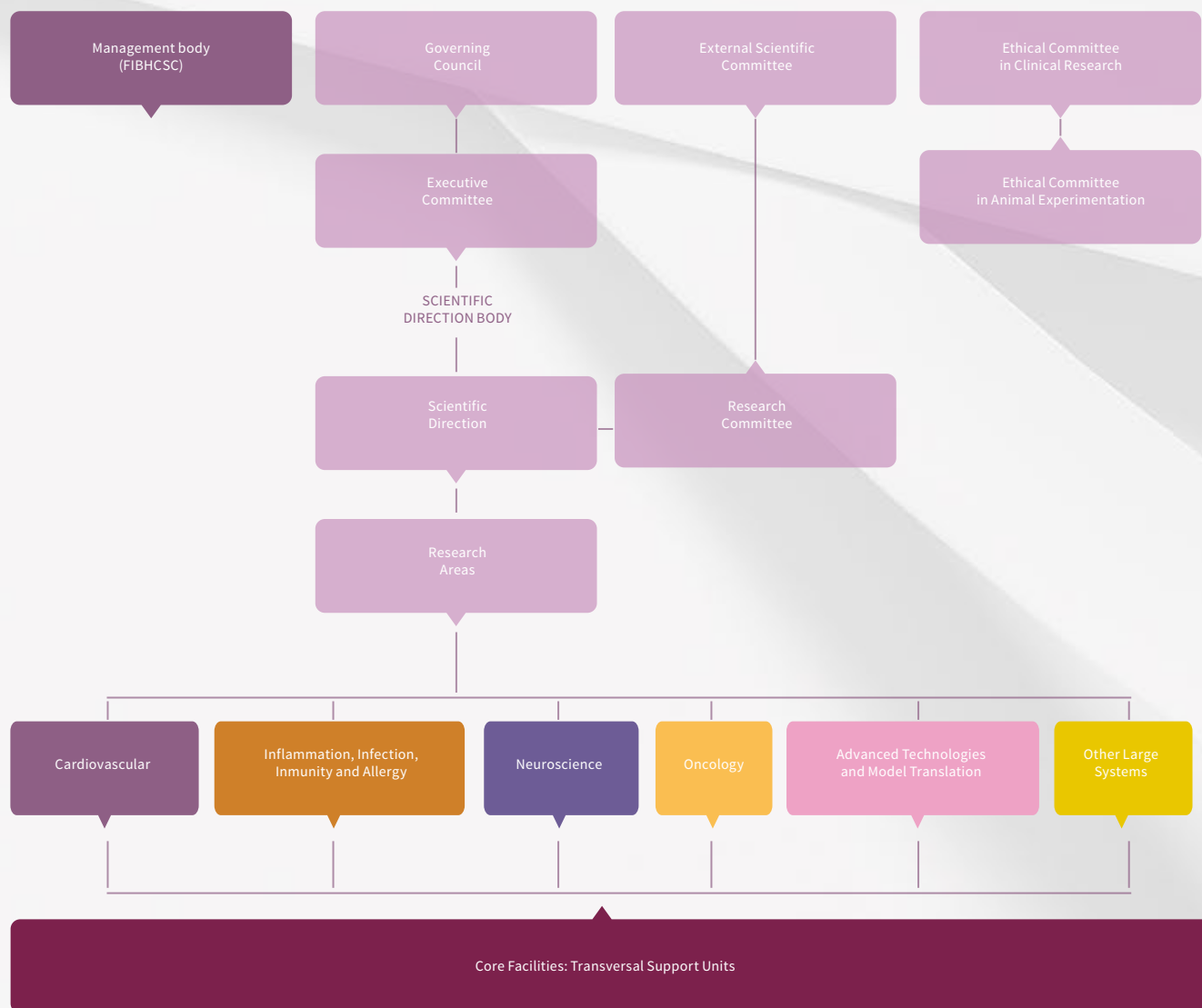


09

Awards for Excellence 2023: "Antonio Gimbernat" and scientific works

IdISSC Organisation

Organisational chart



Governance and structure

GOVERNING BOARD

President

Laura Gutiérrez Barreno

Full position at SERMAS

1º Vicepresidents

Lucía de Juan Ferré

Chancellor of the Universidad Complutense de Madrid (UCM)

2º Vicepresidents

Asunción Gómez Pérez

Chancellor of the Universidad Politécnica de Madrid (UPM)

Vowels

José Luis Álvarez-Sala Walther

Member of the Department of Health

Javier Arias Díaz

President of the Research Committee of HCSC

Inmaculada Ibáñez de Cáceres

Member of the Directorate General of Research, Training and Innovation

Mª Jesús Fernández Aceñero

Member of the Department of Health

Mar García Arenillas

President of the Clinical Research Ethics Committee

Carlos Macaya Miguel

Member of the Department of Health

Antonio Portolés Pérez

Member of the Universidad Complutense de Madrid

Antonio Álvarez Blanco

Member of the Department of Health

María Luaces Méndez

President of the FIBHCSC Scientific Committee

Joaquín Poch Broto

President of the FIBHCSC Advisory Board

César Adolfo Gómez Derch

Director of the Hospital Clínico San Carlos

Elena Urcelay García

Scientific Director of IdISSC

Secretary

Joana Modolell Aguilar

Director of FIBHCSC

DELEGATED COMMITTEE

President

César Adolfo Gómez Derch

Director of the Hospital Clínico San Carlos

Members

Jose Luis Carreras Delgado

UCM Researcher attached to IdISSC

Carina Escobar Manero

Patient representative

Montserrat Fernández Rivas

HCSC Researcher attached to IdISSC

Gustavo Víctor Guinea Tortuero

UPM Researcher attached to IdISSC

Rocío Herrero Vanrell

UCM Researcher attached to IdISSC

Jose Martínez Orgado

HCSC Researcher attached IdISSC

Elena Urcelay García

Scientific Director of IdISSC

Secretary

Joana Modolell Aguilar

Director of FIB HCSC

THE SCIENTIFIC ADVISORY BOARD

Lisardo Boscá Gomar

Alberto Sols Biomedical Research Institute (CSIC-UAM)

Juan Iovanna

Center of Research in Cancerology of Marseille (CRCM)

Adolfo García Sastre

Icahn School of Medicine at Mount Sinai

Maria Isabel Loza

ERIC EU-OPENSCREEN

Ana Martínez

Biological Research Centre (CIB) CSIC

Antonio Sarria

ISCIII

Ana Isabel Cuenda Méndez

National Biotechnology Centre (CNB) CSIC

THE SCIENTIFIC COMMITTEE

President

Elena Urcelay García Stabilised Researcher and Consolidated Group | FIBHCSC | Area IIIA

Vicepresident

Magdalena Torres Molina UCM | Area NEC

Secretary

Emilio Vargas Castrillón HCSC - UCM | Area TEC

Members

Alberto Marcos Dolado Area manager HCSC | Area NEC

Ismael Ortuño Soriano Area manager HCSC | Area OGS

Lydia Abasolo Alcázar Area manager HCSC | Area IIIA

María Luaces Méndez Area manager HCSC | Area CV

Miguel de la Hoya Area manager HCSC | Area ONC

Rocío Anula Area manager HCSC | Area TEC

Silvia Corrochano Researcher FIBHCSC | Area NEC

María Inmaculada Domínguez Mozo Researcher FIBHCSC | Area NEC

Adela González Jiménez Researcher FIBHCSC | Area IIIA

Nieves Gonzalo Researcher HCSC | Area CV

Javier Martín Sánchez Researcher HCSC | Area OGS

Ana Gutiérrez Rodríguez Researcher FIBHCSC | International Projects Management and Operations Coordination

Víctor Maojo UPM | Area TEC

Enrique Gómez Aguilera UPM

Ruth Serrano Non-scientific key player

Guillermo Velasco Confederation of Associations of Crohn's and Ulcerative Colitis Patients in Spain

Researcher UCM | Area ONC

Fundación para la Investigación Biomédica del Hospital Clínico San Carlos (FIBHCSC): Technical Unit Personnel:

Director of FIB HCSC

Joana Modolell Aguilar

Technical Secretary for Research of IdISSC

Laura Espino Paisán

IdISSC Manager

Sara Muñoz Vicente

International Projects Management – Operations Coordination

Ana Gutiérrez Rodríguez

National Projects Management

Margarita Idoia Esnaola Zabala

Support technician for call management and promotion

Alba Sáez López

Legal manager and data protection

Sara Villegas de la Fuente

Donations and Own Projects Management

Pilar Martín-Toledano Gallego

Clinical Trials Management

Pilar Orozco Alonso

Legal Department and Research and Development Transfer

Amalia Díaz-Rubio Amate

Clinical Trial Contract Management

Yasmine Zakouri Asensio

Legal Department

Irene Díaz González

Legal Department and data protection

Sara Villegas de Fuentes

Economic and Financial Administration

Fernando Blanco Andrino

Human Resources Management

Esther Olmedilla María

Miguel Horcajuelo Rivera

Esther Santamaría Herrera

Carolina García Espinosa

Carmen Parrilla Sánchez-Rebato

Rafael de la Torre Muñoz

Administrative Support



Research structure

19

It is structured in six thematic vertical areas and one transversal support area.

For more information on the scientific areas and research groups, please visit the IdISSC web page (<http://www.idissc.org>).

The distribution of the research groups in the thematic areas is as follows:



Research groups by area

The IdISSC is made up of 60 research groups and 16 transversal research support units, in addition to the technical support units of the UCM and the UPM. During 2023, IdISSC has created the new group research in the critically ill patient.

Transversal support area

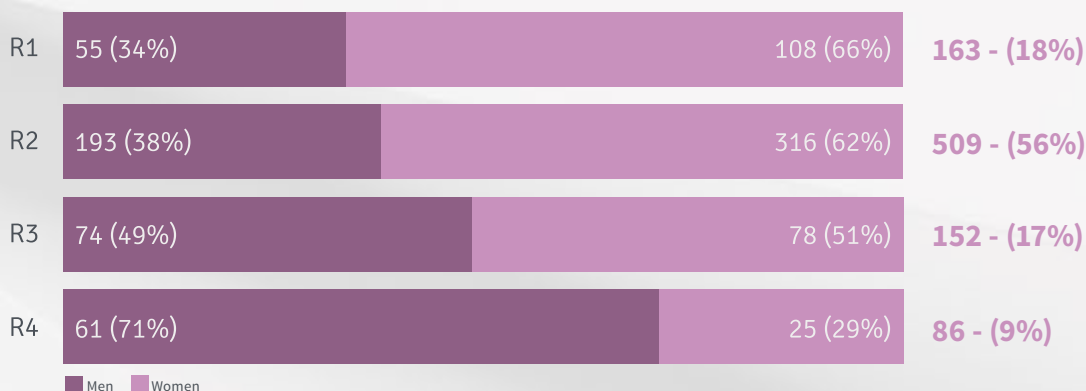
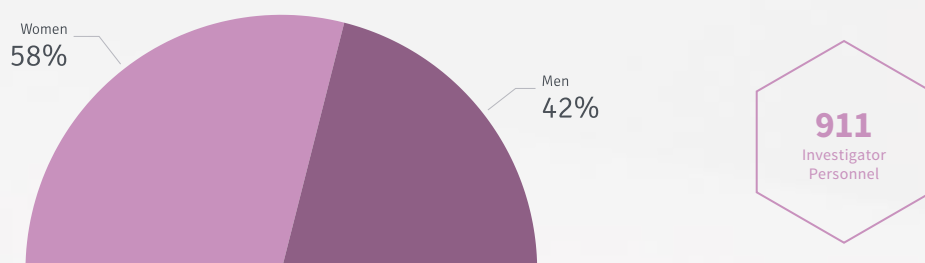
RESEARCH AREAS	RESEARCH AREA LEADS
Flow Cytometry Unit (UCIF)	Dulcenombre Gómez Garre
Genomics Unit:	
Genomics and Microarrays Laboratory	Beatriz Pérez-Villamil
Molecular Oncology Laboratory	Guillermo Velasco Díez
Immunogenetics and Sequencing Laboratory	Miguel Fernández Arquero
Microbiota Laboratory	Dulcenombre Gómez Garre
Experimental Medicine and Surgery Unit: (Animal House, Laboratories and Operating Rooms) (UMECE)	Pablo Antonio González López
Research Methodological Support Unit (UAMI)	María Cruz Rodríguez-Bobada González del Campo
Biobank	Carmen de Burgos Lunar
Innovation Support Unit (UI)	Luis Ortega Medina
Support unit for research ethics and clinical trial coordination committees (UACE)	María Luaces Méndez
Clinical Research and Clinical Trials Unit (UICEC)	Mª Mar García Arenillas
Pharmacy Support Unit: Research Medication Management (UFAR)	Antonio Portolés Pérez
Cell Therapy Unit. Clean Room	María Teresa Benítez Giménez
Clinical Trials and Clinical Research Unit (UICEC)	Pilar Tornero Esteban
Laboratories, Offices and Clinical Services for Research Support (LABSERCLI)	Antonio Portolés Pérez
Institute of Laboratory Medicine	Mercedes Martínez-Novillo González
Nuclear Medicine Department	Jose Luis Carreras Delgado
Radiodiagnosis Department	Juan Arrazola García
Cell Response and Function Unit (URECEL)	Elena Urcelay García
Unit for Immunomonitoring of Cancer and Immunemediated Pathologies (UICPI)	Eduardo Anguita Mandly
Unit of experimental therapies in cáncer (UTEC)	Kissy Guevara Hoyer
Transversal Units of the Universidad Complutense de Madrid	Alberto Ocaña Fernández
Transversal Units of the Universidad Politécnica de Madrid	http://www.idissc.org/investigacion-servicios-unidades-soporte-investigacion.php
	http://www.ctb.upm.es/core-facilities/

Human Resources

Researchers attached to the IdISSC

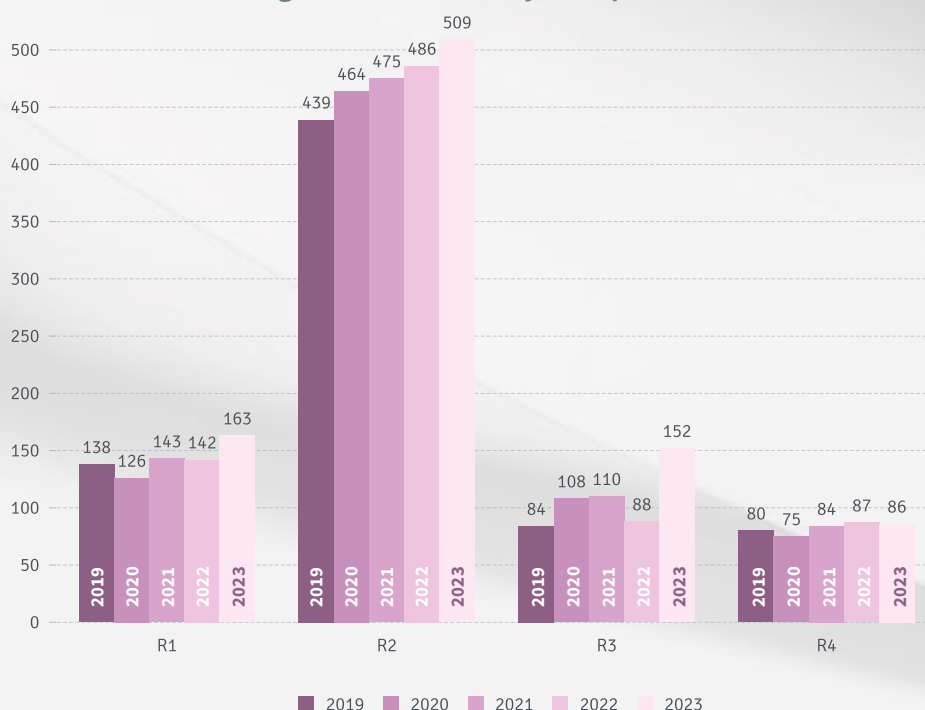
The IdISSC finished 2023 with staff comprised a total of 1,160 professionals, including researchers (911), support technicians (220) and administrative technicians (29).

Investigator Personnel



21

Evolution of Investigators classified by European Research Carrier R1-R4



Human resources hired by the foundation

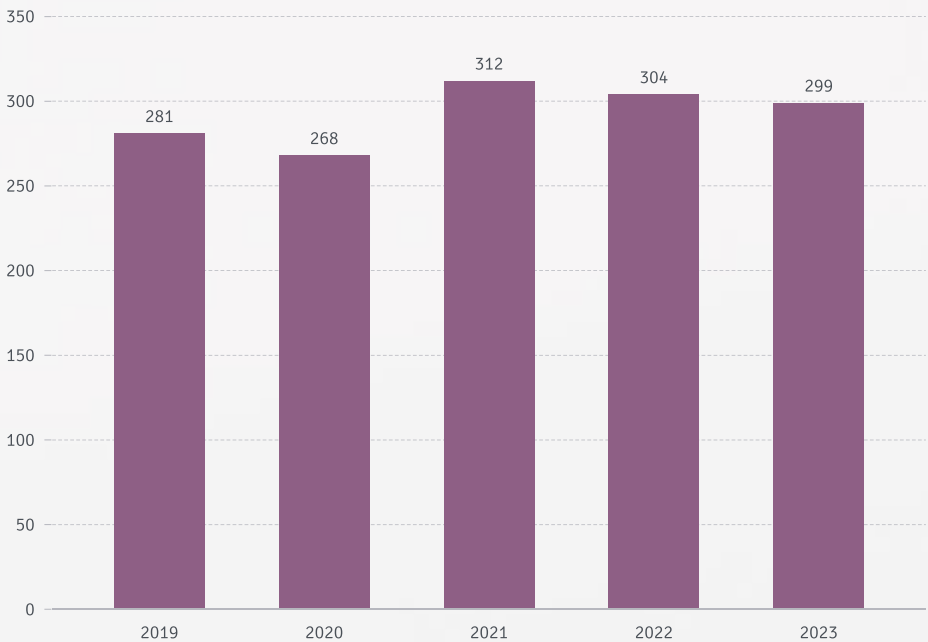
Distribution of accumulated Human Resources hired by the Foundation

FIB-HCSC CATEGORY	TOTAL
TOTAL ADMIN SUPPORT PERSONNEL	21
TOTAL SUPPORT PERSONNEL	222
TOTAL RESERARCH PERSONNEL	35
FIB- TECHNICAL & DIRECTOR UNIT	21
Total	399

The following describes the accumulated human capital and activity data during 2023.



Evolution of accumulated Human Resources hired by the Foundation



Milestones of IdISSC Human Resources Strategy for Researchers (HRS4R)

In order to offer our staff the best possible working conditions, the IdISSC has committed itself to implementing the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. In this sense, the European Commission awarded in 2018 the HR Excellence in Research (HRS4R) to the IdISSC, which implies the systematic evaluation of the associated processes and a long-term action plan.

Following the HRS4R action plan, some of the milestones achieved in 2023 were:

- IdISSC Training Plan: 44 training courses reaching 1.608 attendees, contributing to improve the multidisciplinary and transversal training of our community. Some examples:
 - » Impact and transversal aspects in scientific proposals.
 - » Research from a gender perspective.
 - » Preparation of a communication and dissemination plan and exploitation of results from scientific projects. Keys to communication from science to society.
- 62 dissemination activities organized for society, such as:
 - » XIV Noche Europea de los Investigadores.
 - » XXIII Semana de la ciencia y la innovación.
 - » IV Encuentro IdISSC Sociedad y ciencia se dan la mano.
- Budget dedicated to improve spaces, equipment and infrastructures: 85.125,94 €.
- Delivery of English versions of relevant institutional documentation to facilitate the integration of foreign staff members.



HR EXCELLENCE IN RESEARCH



Staff financed through competitive calls active during 2023

Calls for human resources

1 MIGUEL SERVET CONTRACT

INSTITUTO DE SALUD CARLOS III



CP21/00020

Pablo Bascuñana Almarcha

2 RÍO HORTEGA CONTRACTS

INSTITUTO DE SALUD CARLOS III



CM22/00044

Inés Pérez Sancristobal
(PI: Luis Rodríguez Rodríguez)

CM22/00027

Eva Orviz
(PI: Vicente Estrada Pérez)

1 SARA BORRELL CONTRACT

INSTITUTO DE SALUD CARLOS III



CD22/00043

María Díez Cirarda
(PI: Jordi Matías-Guiu Antem)

1 JUAN DE LA CIERVA CONTRACT

AGENCIA ESTATAL DE INVESTIGACIÓN



FJC2021-047424-I

Angélica Martínez López
(PI: Guillermo Velasco Díez)

1 JUAN RODÉS CONTRACT

INSTITUTO DE SALUD CARLOS III



JR22/00018

Kissy Annet María Guevara Hoyer

2 CONTRACTS FOR THE INTENSIFICATION OF RESEARCH ACTIVITY IN THE SNS

INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN



INT21/00048

David Fraguas Herráez

INT22/00088

Javier Escaned Barbosa

1 STABILISATION PROGRAMME CONTRACT I3

CONSEJERÍA DE SANIDAD- Comunidad de Madrid



CESI307/004

Elena Urcelay García

6 STABILISATION PROGRAMME CONTRACTS I3SNS

CONSEJERÍA DE SANIDAD- Comunidad de Madrid



CES06/001	Miguel de la Hoya Mantecón
CES07/029	Dulcenombre Gómez Garre
MSII13/00009	Roberto Álvarez Lafuente
MSII14/00019	María Concepción Pardo De Vera
MSII16/00009	Lydia Abásolo Alcázar
MSII17/00014	Luis Rodríguez Rodríguez

12 YOUTH EMPLOYMENT OPERATIONAL PROGRAMME CONTRACTS – YEI

Grants for the recruitment of research assistants and laboratory technicians co-financed by the European Social Fund through the Operational Programme for Youth Employment and the Youth Employment Initiative (YEI)

CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN – Comunidad de Madrid



PEJ-2020-TL/BMD-18127	Patricia Quesada Manzano (PI: Mª Cruz Rodríguez-Bobada González del Campo)
PEJ-2020-TL/BMD-18361	Irene Jiménez Coca (PI: Juan Antonio Barcia Albacar)
PEJ-2020-AI/BMD-18161	Sofía Álvarez Galeano (PI: Eduardo Luis Anguita Mandly)
PEJ-2020-AI/BMD-18309	Sara Gómez Aguililla (PI: Concepción Núñez Pardo de Vera)
PEJ-2020-AI/BMD-18549	María Martínez Vega (PI: José Martínez Orgado)
PEJ-2020-AI/BMD-18691	Ada Esteban Sánchez (PI: Miguel de la Hoya Mantecón)
PEJ-2020-AI/BMD-18860	Cristina Díaz Tejeiro (PI: Alberto Ocaña Fernández)
PEJ-2021-AI/BMD-21347	Nerea Huertos Soto (PI: Carmen Soto Beauregard)
PEJ-2021-AI/BMD-22458	Irene García Toledo (PI: Jorge Matías-Guiu)
PEJ-2021-AI/IND-21188	Pablo Sarabia Ortiz (PI: Gustavo Víctor Guinea Tortuero)
PEJ-2021-AI/SAL-21905	Inés Bartolomé Asensio (PI: Pilar Garre Rubio)
PEJ-2021-TL/BMD-22565	Nadia Flores Hermosa (PI: José Martínez Orgado)

25

3 CONTRACTS Predoctoral Fellowships for Training in Health Research (PFIS)

INSTITUTO DE SALUD CARLOS III



FI20/00145	María Valles Salgado (PI: Jordi Matias-Guiu Antem)
FI20/00186	Adrián Sanvicente García (PI: Alberto Ocaña Fernández)
FI20/00246	Nabil Alberto Subhi-Issa Marín (PI: Silvia Sánchez Ramón)

1 CONTRACT Bioinformatics technical

INSTITUTO DE SALUD CARLOS III



CA21/00014	Mateo Paz Cabezas

1 CONTRACT Health research management

INSTITUTO DE SALUD CARLOS III



GIS21/00013

Mila Merino Fernández

1 UNIVERSITY TEACHER TRAINING PROGRAMME CONTRACT -FPU

MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES



FPU20/03387

Adela González Jiménez

(PI: Elena Urcelay García)

1 TALENT ATTRACTION CONTRACTS - MODALITY I

CONSEJERIA DE EDUCACIÓN, CIENCIA Y UNIVERSIDADES – Comunidad de Madrid



2022-5A/BMD-24221

Juan Miguel Godoy Corchuelo
(PI: Silvia Corrochano Sánchez)

1 PRE-DOCTORAL RESEARCH

CONSEJERIA DE EDUCACION, CIENCIA Y UNIVERSIDADES - Comunidad de Madrid



PIPF-2022/SAL-GL-24282

Irene García Toledo

PIPF-2022/SAL-GL-26004

María López Ramos

27 PROGRAMA INVESTIGO CONTRACTS

CONSEJERIA DE ECONOMÍA, EMPLEO Y HACIENDA – Comunidad de Madrid



09-PIN1-00011.2/2022

Edurne Múgica Urruzola

09-PIN1-00011.2/2022

Eduardo Salazar Hidalgo

09-PIN1-00011.2/2022

Adrián Sanz Gálvez

09-PIN1-00011.2/2022

Alejandra Gálvez Merlín

09-PIN1-00011.2/2022

Ana Conde Yañez

09-PIN1-00011.2/2022

Alysha Susana Drisell Hernández Montiel

09-PIN1-00011.2/2022

Ana María Quintana Prego

09-PIN1-00011.2/2022

Carlos Foncubierta Gutiérrez

09-PIN1-00011.2/2022

Carmen Ramos Sánchez

09-PIN1-00011.2/2022

Clara Elizabeth Gavira O'Neill

09-PIN1-00011.2/2022

Débora Gutiérrez Lloret

09-PIN1-00011.2/2022

María Elena Gómez del Pulgar Gutiérrez

09-PIN1-00011.2/2022

Elena Mostacero Morcillo

09-PIN1-00011.2/2022

Ericka Joy Canlas Pangilinan

09-PIN1-00011.2/2022

Esther Loscertales Vacas

09-PIN1-00011.2/2022

Guimar Infante Gutiérrez

09-PIN1-00011.2/2022

Irene Isabel Gómez Delgado

09-PIN1-00011.2/2022

Jesús Jiménez Rodríguez

09-PIN1-00011.2/2022

Lobna Ramadane Morchadi

09-PIN1-00011.2/2022

Lucía Paniagua Herranz

09-PIN1-00011.2/2022

María Rebeca Lliguin León

09-PIN1-00011.2/2022

Roberto Ruiz Cano

09-PIN1-00011.2/2022

Rocío Martín O'Connor

27 PROGRAMA INVESTIGO CONTRACTS

CONSEJERIA DE ECONOMÍA, EMPLEO Y HACIENDA – Comunidad de Madrid



09-PIN1-00011.2/2022	Sarah de la Fuente Martín
09-PIN1-00011.2/2022	Silvia Sánchez González
09-PIN1-00011.2/2022	Virginia Portolés Bayod
09-PIN1-00011.2/2022	Wala Ayad Ahmed

Calls for research projects or platforms

COMISIÓN EUROPEA



Project: Horizon 2020 - SC1-DT-ICT-12-2021 Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe: ODIN-101017331

- LAURA LLORENTE SANZ
- JORGE NIETO DE VICENTE-ARCHE

Project: IMI 2 Call 14 - Topic 1. Taxonomy, Treatment, Targets and Remission. Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions: 3TR-831434

- MARÍA INMACULADA DOMÍNGUEZ MOZO

Project: H2020: IMI2-2019-18-two-stage. Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment: GRAVITA-TE-HEALTH-945334

- CRISTINA GONZÁLEZ PÉREZ
- LIDIA YBAÑEZ GARCIA

Project H2020-SC1-BHC-2018-2020 / H2020-SC1-2020-Two-Stage. STOPSTORM: A prospective European validation cohort for stereotactic therapy of re-entrant tachycardia-945119

- EDUARDO MARTÍNEZ GÓMEZ

27

NATIONAL INSTITUTES OF HEALTH (NIH)



Project: BRCA1/2 and Hereditary Breast, Ovarian and Pancreatic (HBOP) Cancer Variant Curation Expert Panels. Cod: HOS-302657

- ADA ESTEBAN SÁNCHEZ

INSTITUTO DE SALUD CARLOS III



Project: Amantadina y estimulación magnética transcraneal para fatiga en la esclerosis multiple: ensayo fase III, controlado, randomizado, cruzado y doble ciego.

Cod: ICI20/00074

- CONSTANZA ELISABET CUEVAS ESTANCONA
- LIDIA GIL MARTÍNEZ
- SILVIA OLIVER MAS

Project: Efficacy, safety and cost-effectiveness of methotrexate, adalimumab, or their combination in non infectious non anterior uveitis: a multicenter, randomized, parallel 3 arm, active-controlled, phase 3 open label with blinded outcome assessment study

Cod: ICI19/00020

- ALEXANDRA DOMINGO FERNÁNDEZ
- SONIA GARCÍA GÓMEZ
- ANA ESTEBAN GARCIMARTÍN
- CRISTINA DEL HOYO NAVALÓN

Project: Planificación del alta desde urgencias para reducir reingresos a 30 días en mayores frágiles con insuficiencia cardíaca aguda: ensayo clínico aleatorizado por conglomerados pareado.

Cod: PI18/00456

- MARÍA ARANZAZU URRUTIA DE LA PLAZA

INSTITUTO DE SALUD CARLOS III



Project: Gravedad de las reacciones alérgicas: del fenotipo al endotipo.

Cod: PI19/01095

- ALEJANDRO GONZÁLEZ FERNÁNDEZ

Project: PLATAFORMA DE SOPORTE PARA LA INVESTIGACIÓN CLÍNICA. UICEC

Cod: PT20/00017

- NATALIA PÉREZ MACÍAS
- JORGE MARIO QUIÑONEZ SILVERO
- LUIS ALBERTO TEBAR PALMERO
- JAVIER ALEX MUÑOZ

Project: Interacción Genotipo-Dieta en el desarrollo de Diabetes Mellitus Gestacional y subsecuente riesgo cardiometabólico.

Cod: PI20/01758

- LAURA DEL VALLE DIEZ
- JOHANA JOSEFINA VALERIO DEOGRACIA

Project: PLATAFORMA DE BIOBANCOS Y BIOMODELOS

Cod: PT20/00074

- LUIS GONZÁLEZ VALLE
- NURIA NOGALES GONZLEZ
- SARA CENTENO ALONSO

Project: Dietary Assessment & Further Development of Biomarkers for All

Cod: AC21_2/00036

- MARÍA ARANZAZU ESPADAS GIL

Project: Red de Enfermedades Inflamatorias URECEL

Cod: RD21/0002/0038

- MARÍA ÁNGEL GARCÍA MARTÍNEZ
- LAURA ESPINO PAISÁN
- ANDREA RAPOSO LÓPEZ PASTOR

Project: Red de Enfermedades Inflamatorias (COORDINACIÓN)

Cod: RD21/0002/0001

- LUCÍA SEGARRA GÓMEZ
- TERESA SOFÍA SÁNCHEZ PASCUA

Project: Primary care interventions to prevent maternal and child chronic diseases of perinatal and developmental origin

Cod: RD21/0012/0026

- LAURA SILVA COLMENAR

Project: ALMA. Inteligencia Artificial para diagnóstico, tratamiento y pronóstico de enfermedades hematológicas.

Cod: PMPTA22/00101

- MIGUEL GÓMEZ ÁLVAREZ

AGENCIA ESTATAL DE INVESTIGACIÓN



Ecological Transition and Digital Transition Projects 2021.

Project: Development of technologies for non-invasive pharmacokinetics in nuclear medicine.

Cod: TED2021-129933B-C21

- SARA CARMONA DE SCALS
(PI: Nieves Cabrera Martín, Samuel España Palomares)



Proyectos de Colaboración Público-Privada 2021.

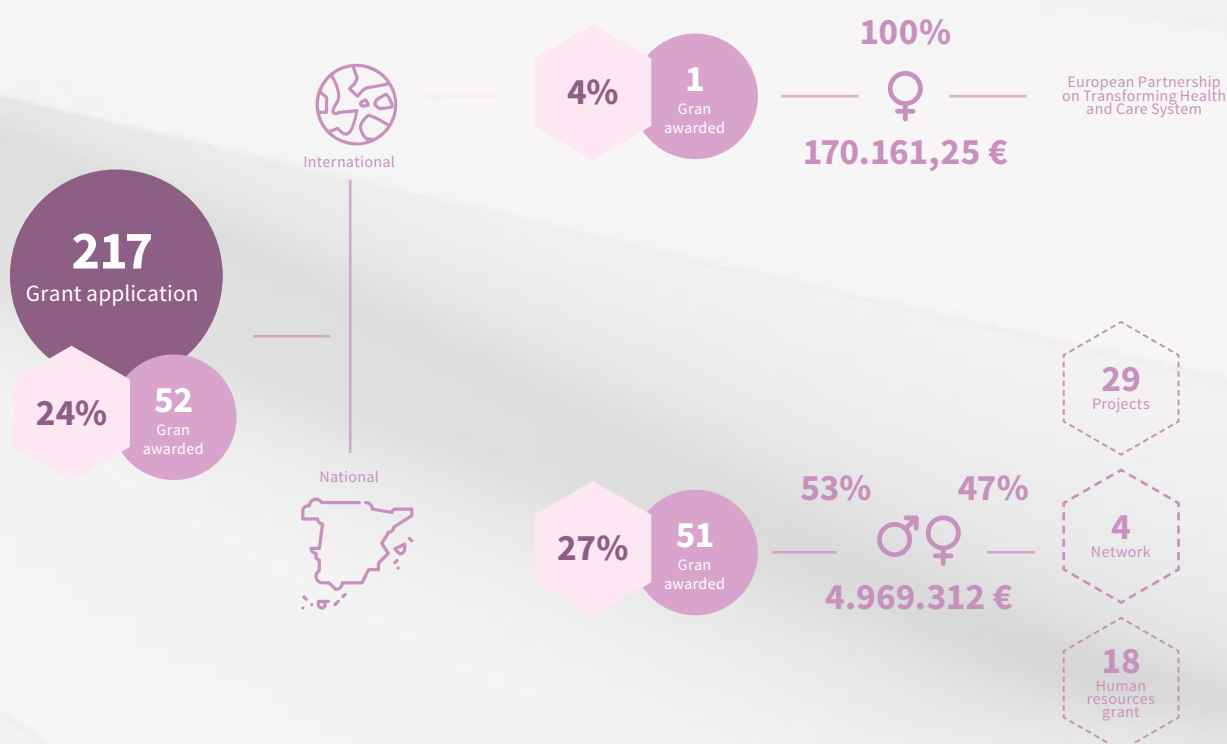
Project: Clinical trial to evaluate the administration of ApTOLL in Acute Myocardial Infarction. APSTEMI

- Molly Anna March
(PI: Antonio Fernández Ortiz)

Research Project

Competitive Research

(Including funding from public and private agencies)



Projects granted in competitive calls

INTERNATIONAL

FUNDING ENTI-TY	CALL	TITLE	CODE	DIRECTOR	GROUP
EUROPEAN PART-NERSHIP ON TRANSFORMING HEALTH AND CARE SYSTEMS	Joint Transnational Call for proposals "Healthcare of the Future"	Vascular age as a key for a Team-based approach to manage blood pressure and cardiovascular risk between community pharmacists and Primary Health Care Centers (TOGETHER).	AC23_2/00037	María Soledad Fernández-Alfonso	OGS.9

NATIONAL

FUNDING ENTI-TY	CALL	TITLE	CODE	DIRECTOR	GROUP
Instituto de Salud Carlos III	Subvenciones para la selección y financiación de los integrantes del Consorcio Estatal en Red para el desarrollo de Medicamentos de Terapias Avanzadas (CERtera)	Consorcio Estatal en Red para el desarrollo de Medicamentos de Terapias Avanzadas (CERtera)	CERT22/00046	Vargas Castrillón, Emilio	TEC.10
Instituto de Salud Carlos III	Subvenciones de la Acción Estratégica en Salud 2022	Contrato PFIS: Verónica Melero Álvarez	FI22/00175	Calle Pascual, Alfonso Luis	OGS.9
Instituto de Salud Carlos III	Subvenciones de la Acción Estratégica en Salud 2022	Contrato PFIS: Elena Tovar Ambel	FI22/00233	Velasco Díez, Guillermo	ONC.5
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Contrato Río Hortega: Cristina Cortés Ledesma	CM23/00051	Martínez Orgado, José	NEC.22
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Contrato Río Hortega: Juan Ignacio López Carbonero	CM23/00094	Matías-Guío Antem, Jordi	NEC.6
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Contrato Miguel Servet: Alberto Benito Martín	CP23/00046	Benito Martín, Alberto	ONC.1
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Contratos para la Intensificación de la actividad investigadora en el SNS: Luis Arruza	INT23/00010	Luis Arruza Gómez	NEC.22
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Contratos para la intensificación de la actividad investigadora en el SNS: Jordi Matías-Guío	INT23/00017	Jordi Matías-Guío Antem	NEC.6
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Movilidad de personal investigador contratado en el marco de la AES (M-AES): María Díez Cirarda (Contratada Sara Borrell)	MV23/00025	María Díez Cirarda	NEC.6
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Movilidad de personal investigador contratado en el marco de la AES (M-AES): Inés Pérez San Cristóbal (Contratada Río Hortega)	MV23/00029	Inés Pérez San-Cristóbal	IIIA.3
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Desarrollo y validación de modelos de predicción de aprendizaje automático para resultados de salud en uveítis: un proyecto multicéntrico que usa el texto libre de historias clínicas electrónicas mediante métodos de aprendizaje profundo	PI23/00154	Luis Rodríguez Rodríguez	IIIA.3
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Hacia una intervención estratificada en psiquiatría: Predicción de trayectorias de riesgo y resiliencia para la salud mental en una muestra transdiagnóstica de jóvenes (proyecto PREMY)	PI23/00211	David Fraguas Herraiz	NEC.1

NATIONAL

FUNDING ENTI-TY	CALL	TITLE	CODE	DIRECTOR	GROUP
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Integración de información clínica (Registro NEREA) y biomarcadores: pronóstico y res-puesta al tratamiento de pacientes con enfermedad pulmonar intersticial difusa de origen autoinmune	PI23/00343	Lydia Abásolo Alcazar	IIIA.3
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Ablación de la fibrilación cardiaca humana basada en modelos de organización jerárquica de la excitación tisular	PI23/00520	David Calvo Cuervo	CV.4
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	SURVIVE 2: Un estudio de cohorte extendida para investigar la conducta suicida en España y la eficacia de estrategias de prevención secundaria	PI23/00707	Marina Francisca Díaz Marsá	NEC.2
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Modelo de inteligencia artificial y secuenciación de nueva generación para la identificación del fallo reproductivo recurrente inflamatorio	PI23/00709	Silvia Sánchez Ramón	IIIA.12
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Variación madurativa de actividad de Glicoproteína P, su influencia en la respuesta a tratamientos protectores/ anticonvulsivantes, y su modificación por cannabidiol en ratas neonatas tras hipoxia/ isquemia	PI23/00733	José Martínez Orgado	NEC.22
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Más allá de la genética en esclerosis múltiple: avances en la terapia y estratificación de pacientes	PI23/00749	Elena Urcelay García	IIIA.2
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Efectos del entrenamiento de la musculatura respiratoria domiciliario mediante telerrehabilitación sobre la calidad de vida, unión cardiopulmonar, y el estado físico y psicológico en cardiopatía isquémica	PI23/00816	Ibai López De Uralde Villanueva; Gustavo Plaza Manzano	OGS.22
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Desarrollo y evaluación de un algoritmo de detección de glaucoma a partir de un abordaje multimodal en pacientes con miopía magna	PI23/00828	José María Martínez De La Casa Fernández Borrella	NEC.18
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	La microbiota rectal como factor asociado a vulnerabilidad a las infecciones de transmisión sexual de repetición. Estudio Microsex	PI23/01545	Vicente Estrada Pérez	IIIA.9
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Plataforma ISCIII de Dinamización e Innovación de las capacidades industriales del SNS y su transferencia efectiva al sector productivo	PT23/00122	María Luaces Méndez	Unidad de Apoyo a la Innovación (UI)
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Plataforma ISCIII de apoyo a la I+D+I en Biomedicina y Ciencias de la Salud del Hospital Clínico San Carlos (UI-CEC-HCSC)	PT23/00162	Antonio Portolés Pérez	TEC.10
Instituto de Salud Carlos III	Acción Estratégica en Salud 2023	Plataforma ISCIII de Biomodelos y Biobancos	PT23/00167	Luis Ortega Edina	ONC.3
Asociación Esclero-sis Múltiple España	CONVOCATORIA DE COLABORACIÓN ENTRE EME Y REEM 2023	“Mecanismos funcionales en las interacciones Gen- Ambiente en Esclerosis Múltiple Primaria Progresiva: Virus Eipstein-Barr y polimorfismos genéticos de Riesgo”.	LEP.C01EME	Andrea Raposo López-Pastor	IIIA.2
Asociación Española de Cirujanos	ASOCIACIÓN ESPAÑOLA DE CIRUJANOS Becas Estudios Investigación Multi-céntricos	VOLUMEN ESPLÉNICO COMO BIOMARCADOR DE DAÑO HEPÁTICO TRAS QUIMIOTERAPIA EN METÁSTASIS HEPÁTICAS DE CÁNCER COLO-RRECTAL (BioVes)	AGB.AEC.23	Alejandra Garcia Botella	ONC.2

NATIONAL

FUNDING ENTI-TY	CALL	TITLE	CODE	DIRECTOR	GROUP
Chiesi España S.A.	CHIESI ESPAÑA SA Becas Impulso Chiesi 2023	HUMANIZACIÓN DE LA UNIDAD DE TRASPLANTE RENAL	BRC.CHIESI.23	Beatriz Rodríguez Cubillo	IIIA.8
Consejo General de Enfermería	CONSEJO GENERAL DE ENFERMERÍA II EDICIÓN DE LOS PREMIOS DE INVESTIGACIÓN DEL CONSEJO GENERAL DE ENFERMERÍA	BENEFICIOS DE UNA INTERVENCIÓN EDUCATIVA PRECOZ BASADA EN LA EX-TRACCIÓN PRE-COZ Y VÍDEOS SOBRE LA LACTANCIA MATERNA EN PREMATUROS MENORES DE 32 SEMANAS DE EDAD GESTACIONAL	MJT.CGE.22	Mónica Esther Jesús Tesouro	OGS.18
Fundacio IDIBELL	FUNDACIO IDIBELL	Genómica funcional: desarrollo e implementación de una plataforma para el estudio de casos de cáncer hereditario sin resolver IMPaCT_VUSCan	PMP22/00064	Miguel de la Hoya Mantecón	ONC.1
Fundació La Marató De TV3	Ayudas económicas a Proyectos de Investigación sobre Salud Cardiovascular - Marató 2022	ADD-LAAO TRIAL (OAC/DOAC VS. LAAO ADDED TO DOAC IN PATIENTS WITH STROKE DESPITE OAC)	LNF.FMTV3.23	Luis Nombela Franco	CV.10
Fundación Mutua Madrileña	Ayudas a la Investigación en Salud 2023	Investigación de la Microbiota en relación con la respuesta a la Inmunoterapia en pacientes afectados de Cáncer No Microcítico de Pulmón avanzado.	AP183192023	José Luis González Larriba	ONC.1
Fundación Mutua Madrileña	Ayudas a la Investigación en Salud 2023	Augmentación Biológica de la Reparación Quirúrgica de las Roturas Crónicas del Manguito Rotador Mediante Fibroína de Seda con Doble Funcionalización	AP183932023	Yaiza Lopiz MoraLes	IIIA.3
Fundación SECOT	FUNDACIÓN SECOT Ayuda a Proyecto de Investigación Básica relacionado con la regeneración del cartílago articular	Regeneración del Cartílago articular median-te terapia celular basada en hidrogeles termosensibles	SDS.SECOT.23	Susana Donadeu Sánchez	IIIA.3
Agencia Estatal de Investigación	Proyectos de colaboración público-privada 2022	Asistente de Inteligencia Artificial para la verificación de comprensión de consentimientos informados audiovisuales securizados con tecnología blockchain - AICIBLOCK	CPP2022-009935	Andrés Sebastián Santiago Saez	TEC.7
Agencia Estatal de Investigación	Proyectos de Generación de Conocimiento 2022	Seguimiento personalizado con biopsia líquida para monitorizar la respuesta y evolución en carcinoma de mama localmente avanzado HER+ y TN.	PID2022-1423610B-I00	Vanesa García Barberán; José Ángel García Sáenz	ONC.1
Organización Nacional de Trasplantes	Subvenciones destinadas a entidades sin fines de lucro para fomentar la donación y el trasplante de órganos, tejidos y células 2023:	Curso de Donación en Asistolía (XVII Edición)	EXP2023/006436	del Río Gallegos, Francisco José; Torres González, Juan Ignacio	OGS.28
Sociedad Española de Arteriosclerosis	BECAS Y PREMIOS 2023 SEA	PAPEL DE LA EXPOSICIÓN AMBIENTAL INTRA-HOSPITALARIA SOBRE LA ARTERIOSCLEROSIS. INTERACCIÓN ENTRE LA MICROBIOTA INTESTINAL Y EL EXOSOMA	DGG.SEA.23	Dulcenombre Gómez Garre; Javier Modrego Martín	CV.11
Sociedad Española de Directivos de la Salud	Beca SEDISA-ALSEDIDA a la Innovación en la gestión sanitaria	Business intelligence para análisis de actividad de telefarmacia.	MMS.SEDISA.22	Cristina González Pérez	TEC.7
Sociedad Española de Oncología (SEOM)	SOCIEDAD ESPAÑOLA DE ONCOLOGIA (SEOM)	AYUDAS SEOM DE INTENSIFICACIÓN PARA INVESTIGADORES JOVENES	JPV.SEOM.23	Puente Vázquez, Javier	ONC.1

NATIONAL

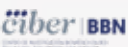
FUNDING ENTI-TY	CALL	TITLE	CODE	DIRECTOR	GROUP
Sociedad Española de Rehabilitación y Medicina	Becas SERMEF para proyectos de investigación y neurorrehabilitación 2022	Neurorrehabilitación dirigida con apoyo de entornos virtuales en pacientes con espasticidad tratados con toxina	IBF.SERMEF.23	Idoya Barca FerNández	TEC.6
Colegio Profesional De Fisioterapeutas de la Comunidad De Madrid	3ª Convocatoria de Ayudas para la investigación en Fisioterapia del Ilustre Colegio de Fisioterapeutas de Madrid	ESTUDIO DE LAS CARACTERÍSTICAS ANATÓMICAS MUSCULARES MEDIANTE RESONANCIA MAGNÉTICA Y ECOGRAFÍA EN DOLOR CERVICAL CRÓNICO	GPM.CFM.23	Gustavo Plaza Manzano	OGS.22
Colegio Profesional De Fisioterapeutas de la Comunidad De Madrid	3ª Convocatoria de Ayudas para la investigación en Fisioterapia del Ilustre Colegio de Fisioterapeutas de Madrid	Validación experimental y pragmática de un protocolo de evaluación de las presiones inspiratoria y espiratoria máximas basado en el test de una repetición máxima en pacientes con Esclerosis Múltiple	TCN.CFM.23	Tamara del Corral Nuñez-Flores	OGS.22
Consejería de Ciencia, Universidades E Innovación	Ayudas para la contratación de personal investigador predoctoral en formación de 2023	Contratos de personal investigador predoctoral 2022: Irene García Toledo	PIPF-2022/SAL-GL-24282	Silvia CorroChano Sánchez	NEC.6
Consejería de Ciencia, Universidades e Innovación	Ayudas para la contratación de personal investigador predoctoral en formación de 2023	Contratos de Personal Investigador predoctoral 2022: María López Ramos	PIPF-2022/SAL-GL-26004	Fernando Marco Martínez	IIIA.3
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-AI/SAL-GL-27283	María Inmaculada Domínguez Mozo	NEC.7
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-AI/SAL-GL-27324	Kissy Annet María Guevara Hoyer	IIIA.12
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-AI/SAL-GL-28012	Jordi Matias-Guío Antem	NEC.6
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-TL/SAL-GL-26744	Elena Milagrosa Molina Roldán	ONC.3
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-TL/SAL-GL-26958	Pilar Garre Rubio	CV.11
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-TL/SAL-GL-27202	Carmen Soto Beauregard	NEC.22
Consejería de Educación, Ciencia y Universidades	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	Ayudas para contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2023	PEJ-2023-TL/SAL-GL-28184	Julián García Feijoó	NEC.18

Networks and alliances

THEMATIC NETWORK FOR COOPERATIVE HEALTH RESEARCH - ISCIII

	PRIMARY CARE INTERVENTIONS TO PREVENT MATERNAL AND CHILD CHRONIC DISEASES OF PERINATAL AND DEVELOPMENTAL ORIGIN	RD21/0012/0026 José A. Martínez Orgado GROUP: NEC.22
	INFLAMACIÓN E INMUNOPATOLOGÍA DE ÓRGANOS Y SISTEMAS (COORDINACIÓN)	RD21/0002/0001 Luis Rodríguez Rodríguez GROUP: IIIA.3
	INFLAMACIÓN E INMUNOPATOLOGÍA DE ÓRGANOS Y SISTEMAS	RD21/0002/0038 Elena Urcelay García GROUP: IIIA.2
	RED DE INVESTIGACIÓN EN CRONICIDAD, ATENCIÓN PRIMARIA Y PREVENCIÓN Y PROMOCIÓN DE LA SALUD	RD21/0016/0001 Daniel Muñoz Jiménez GROUP: OGS.18
	UNIDAD DE INVESTIGACIÓN EN CUIDADOS Y SERVICIOS DE SALUD	Daniel Muñoz Jiménez GROUP: OGS.18
	European Corona Vaccine Trial Accelerator Platform	Antonio Portolés Pérez GROUP: TEC.10

NETWORKED BIOMEDICAL RESEARCH CENTRES (CIBER)- ISCIII

	SALUD MENTAL	CB/07/09/0026 Blanca Reneses Prieto GROUP: NEC.1.
	ENFERMEDADES CARDIOVASCULARES	CB16/11/00458 Julián Pérez-Villacastín Domínguez, Dulcenombre Gómez Garre Nieves Martell Claros GROUP: CV.4/CV.11
	DIABETES Y ENFERMEDADES METABÓLICAS ASOCIADAS	CB07/08/0001 (UCM) Carlos Guillén Viejo GROUP: OGS.6 CB07/08/0030 Alfonso Luis Calle Pascual GROUP: OGS.9
	ENFERMEDADES INFECCIOSAS	CB21/13/00126 Vicente Estrada Pérez GROUP: IIIA.9
	BIOINGENIERÍA, BIOMATERIALES Y NANOMEDICINA (CIBER-BBN)	CB06/01/1037 (UCM) Teresa Portolés Pérez GROUP: TEC.1
	EPIDEMIOLOGÍA Y SALUD PÚBLICA	CB06/02/0051 (UCM) José Pulido Manzaner GROUP: OGS.19

OTHER THEMATIC NETWORKS

	RED ESPAÑOLA DE ENSAYOS CLÍNICOS PEDIÁTRICOS (RECLIP)	CONV16/155 José Tomás Ramos GROUP: IIIA.10
	CARDIORED1	GROUPS: CV.1: Escaned Barbosa, Javier CV.2: Pérez De Isla, Leopoldo CV.4: Pérez-Villacastín Domínguez, Julián CV.7: Vilacosta, Isidre CV.8: Fernández Ortiz, Antonio Ignacio
	INVESTIGACIÓN TRASLACIONAL DE ARRITMIAS CARDIACAS SECUNDARIAS A CANALOPATÍAS	Isidre Vilacosta GROUP: CV.7

OTHER THEMATIC NETWORKS

	Identifying Biomarkers Through Translational Research for Prevention and Stratification of Colorectal Cancer	CA17118 Beatriz Pérez-Villamil Salgado GROUP: ONC.1
	Pan-European Network in Lipidomics and EpiLipidomics	CA19105 Silvia Corrochano Sánchez GROUP: NEC.6
	European Clinical Research Infrastructure Network	IdISSC: Scientific Partner Emilio Vargas Cartrillón Antonio Portolés Pérez GROUP: TEC.10
	European Institute of Innovation and Technology (EIT) health	SERMAS ASSOCIATED MEMBER
	RED DE ENTIDADES GESTORAS DE INVESTIGACIÓN CLÍNICA	IdISSC ASSOCIATED MEMBER
	CONFEDERACIÓN DE SOCIEDADES CIENTÍFICAS DE ESPAÑA	IdISSC ASSOCIATED MEMBER
	BIOMAD: BIOREGIÓN DE SALUD Y BIENESTAR	FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA HCSC IdISSC ASSOCIATED MEMBER
	RED DE LABORATORIOS E INFRAESTRUCTURAS	Nº Registro: 325 - Laboratorio de Genómica y Microarrays Beatriz Pérez-Villamil Salgado GROUP: ONC.1
	RED DE LABORATORIOS E INFRAESTRUCTURAS	Nº Registro: 424 - Laboratorio de Microbiota-Dulcenombre Gómez Garre GROUP: CV.11
	European Infrastructure for translational medicine	IdISSC ASSOCIATED MEMBER
	CIMBA – CONSORCIO DE INVESTIGADORES DE MODIFICADORES DE BRCA1/2	Miguel De La Hoya Mantecón GROUP: ONC.1
	BCAC – CONSORCIO DE LA ASOCIACIÓN DE CÁNCER DE MAMA	Miguel De La Hoya Mantecón GROUP: ONC.1
	RED BASADA EN EVIDENCIA PARA LA INTERPRETACIÓN DE ALELOS MUTANTES DE LA LÍNEA GERMINAL	Miguel De La Hoya Mantecón GROUP: ONC.1
	INVICTUS RED DE ENFERMEDADES VASCULARES CEREBRALES	RD12/0014/0003 Magdalena Torres Molina GROUP: NEC.20

PLATFORMS SUPPORTING RESEARCH IN HEALTH SCIENCES AND TECHNOLOGIES - ISCIII



PLATAFORMA DE BIOBANCOS

PT20/00074
Ortega Medina, Luis
GROUP: ONC.3
Cumulative staff recruited: 3
7,760 registered samples
2,562 provided samples



PLATAFORMA DE UNIDADES DE INVESTIGACIÓN Y ENSAYOS CLÍNICOS
(Clinical Research and Clinical Trials Unit)

PT20/00017
PORTOLÉS PÉREZ, ANTONIO
Group: TEC.10
Cumulative Staff recruited: 4
34 projects managed
107 Support for funding applications
34 support in Regulatory, Management and Monitoring
10 Publications



PLATAFORMA DE DINAMIZACIÓN E INNOVACIÓN DE LAS CAPACIDADES INDUSTRIALES DEL SISTEMA NACIONAL DE SALUD

ASSOCIATED NODOMaría Luaces Méndez

Funding Sources

Income

	Income	Overheads	Total Income
Grants	3.652.817,03	540.719,84	4.193.536,87
Donations	488.867,81	74.527,58	563.395,39
Partnership and sponsorship agreements	708.699,10	94.993,60	803.692,70
Scientific research (clinical trials, collaborations...)	4.539.786,72	1.615.514,54	6.155.301,26
Financial Income	556.782,80		556.782,80
Benefits in financial instruments	0,00		0,00
Extraordinary income	896,77		896,77
	9.947.850,23	2.325.755,56	12.273.605,79

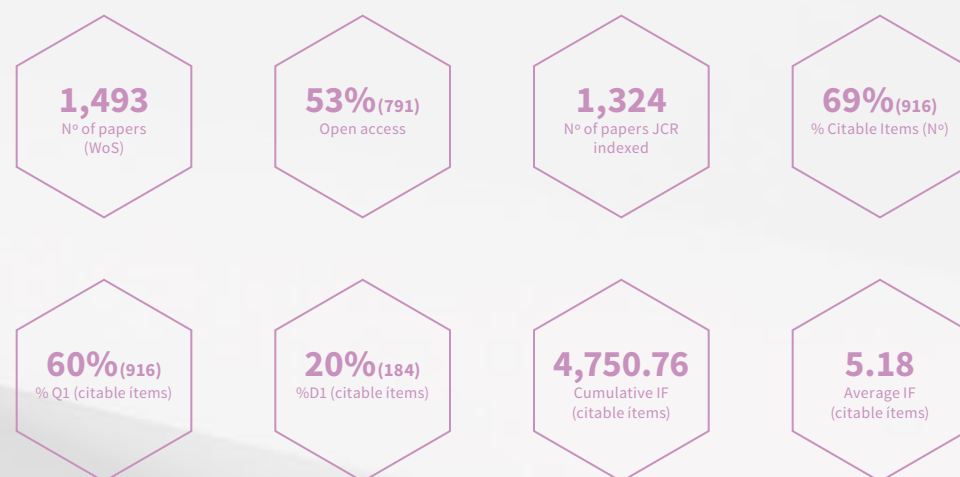
Expenses

GASTOS / INVERSIONES	Publicly funded research projects	Privately funded research projects	Clinical research projects	Activity specific to the Strategic Plan	Total Activities	Not allocated to activities	TOTAL
	Amount	Amount	Amount	Amount	Amount	Amount	Amount
Personnel costs	2.684.061,92	659.701,59	3.291.101,78	809.000,56	7.443.865,85	0,00	7.443.865,85
Procurement	537.302,34	131.269,99	114.597,71	8.873,60	792.043,64	0,00	792.043,64
Other activity costs	216.336,50	183.177,64	1.323.720,10	207.734,91	1.930.969,15	102.155,39	2.033.124,54
Monetary, non-monetary, other aids	266.695,25	217.401,25	646.863,30	50.713,46	1.181.673,26	0,00	1.181.673,26
Depreciation of fixed assets	268.222,72	122.331,00	142.388,86	116.008,32	648.950,90	0,00	648.950,90
Valuation of Financial Instruments	0,00	0,00	0,00	0,00	0,00	1.946,58	1.946,58
Extraordinary expenses	0,00	0,00	0,00	0,00	0,00	84.033,21	84.033,21
Total costs (€)	3.972.618,73	1.313.881,47	5.518.671,75	1.192.330,85	11.997.502,80	188.135,18	12.185.637,98

Scientific Production

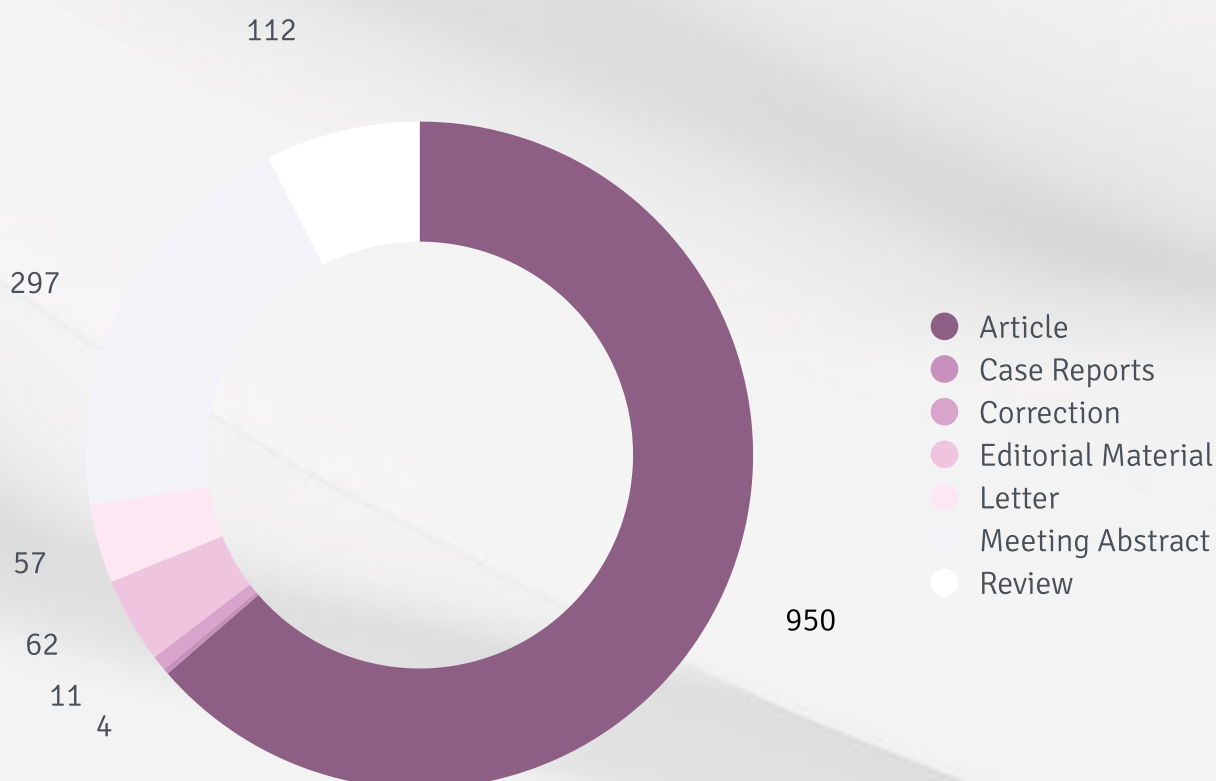
IdISSC researchers published a total of 1,493 documents in the WoS (Core Collection) in 2023, of which 1,062 are citable documents, i.e. articles and reviews.

From the total 2023's scientific production, 88.68% (1,324 documents) are included in the JCR and, of them, 916 (69%) are citable documents. The 60% (553) of the citable items are in Q1 journals and the 20% (184) of the citable items are in D1 journals.

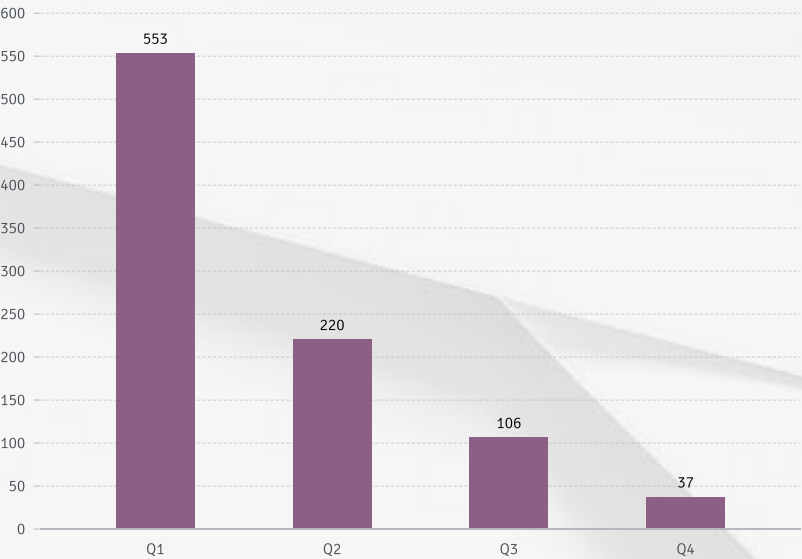


*Original, articles, case reports, correction, editorial material, letter, meeting abstract and reviews

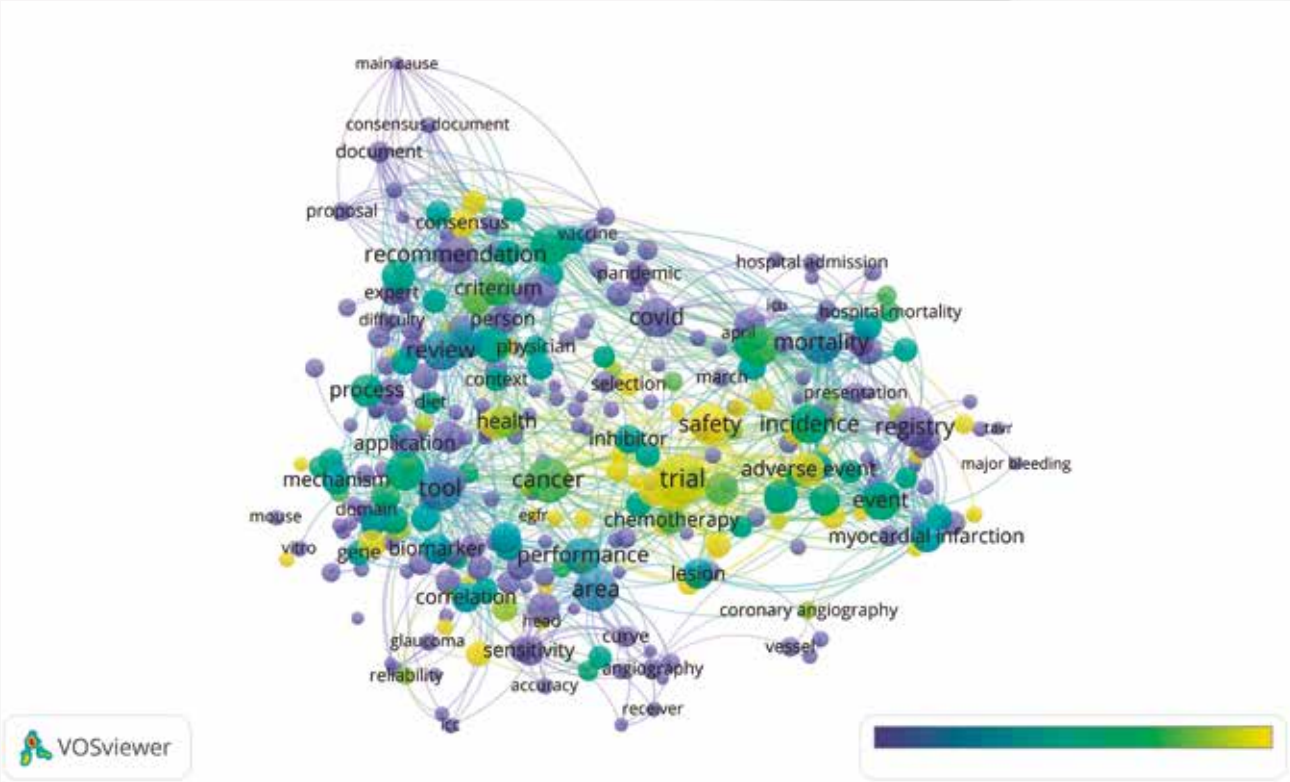
IdISSC scientific production by document type



IdISSC scientific production by quartile



Keywords (> 10 frequency)



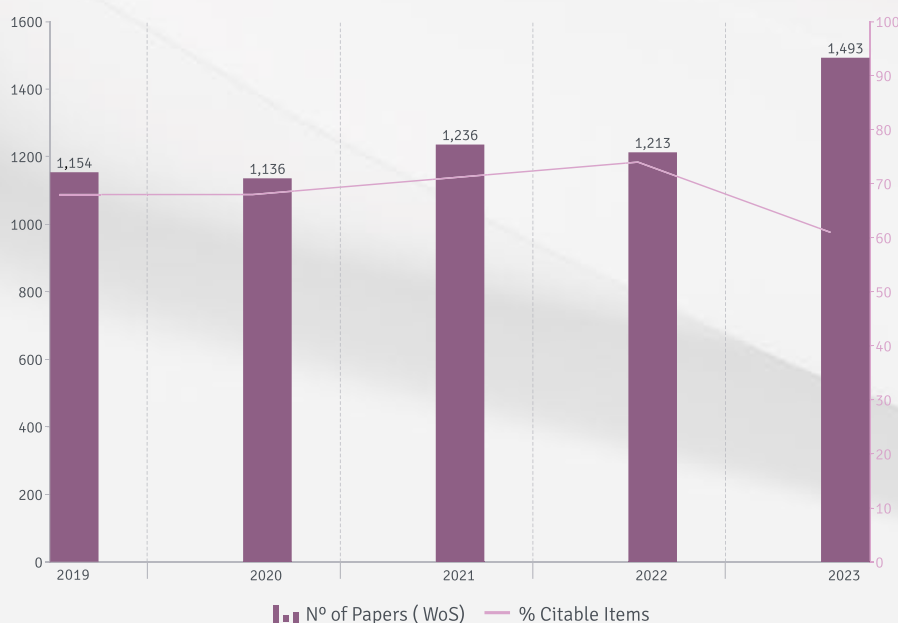
Top 10 journals with the highest publication rate

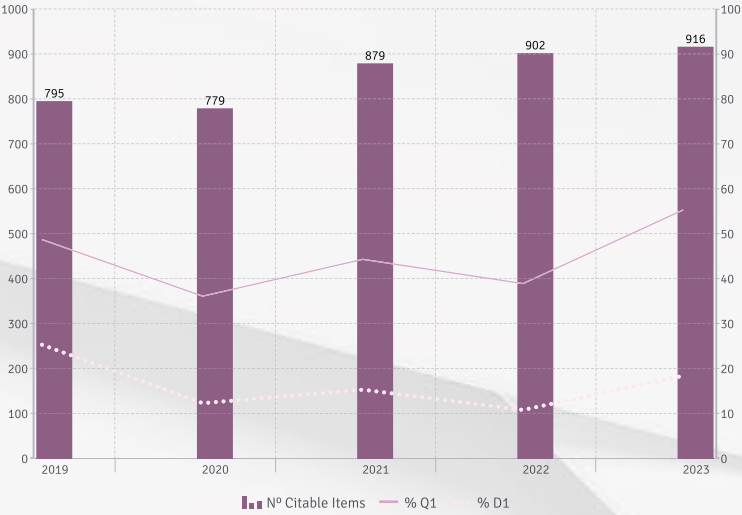
A total of 575 different journals contained publications from IdISSC researchers in 2023. The top 10 journals bearing highest number of IdISSC publications represented 19% (281 documents) of the total 2023 scientific production according to the WoS. The 49% of journals containing publications from IdISSC are situated in JCR 2023's first quartile. Moreover, 8 of them are located in Top 10 positions in the WoS category. Data are showed in the tables below.

JOURNAL	Nº OF PAPERS (WoS)	QUARTILE 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
Journal of Clinical Medicine	61	Q1 (58/325)	Medicine, General & Internal	0.844	0.92	2.8
EUROPEAN HEART JOURNAL	46	Q1 (2/220)	CARDIAC & CARDIOVASCULAR SYSTEMS	12.217	7.74	35.1
MULTIPLE SCLEROSIS JOURNAL	28	Q1 (38/212)	CLINICAL NEUROLOGY	1.572	1.30	4.3
ANNALS OF ONCOLOGY	27	Q1 (6/322)	ONCOLOGY	14.915	7.49	56.2
Revista española de cardiología (English ed.)	22	Q1 (24/220)	CARDIAC & CARDIOVASCULAR SYSTEMS	1.555	1.43	6.5
JACC-CARDIOVASCULAR INTERVENTIONS	20	Q1 (10/220)	CARDIAC & CARDIOVASCULAR SYSTEMS	4.288	2.79	10.6
REVISTA ESPAÑOLA DE QUIMIOTERAPIA	20	Q3 (231/354)	PHARMACOLOGY & PHARMACY	0.394	0.44	1.7
ANNALS OF THE RHEUMATIC DISEASES	19	Q1 (2/57)	RHEUMATOLOGY	5.726	5.09	18.8
Cancers	19	Q1 (78/322)	ONCOLOGY	1.146	0.90	4.0
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	19	Q1 (66/313)	BIOCHEMISTRY & MOLECULAR BIOLOGY	1.053	0.71	4.3

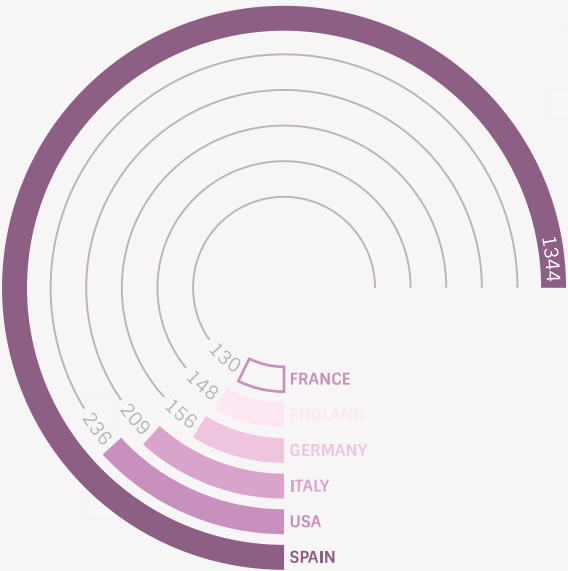
39

IdISSC Scientific Production (2019-2023)





International Scientific Collaboration by country

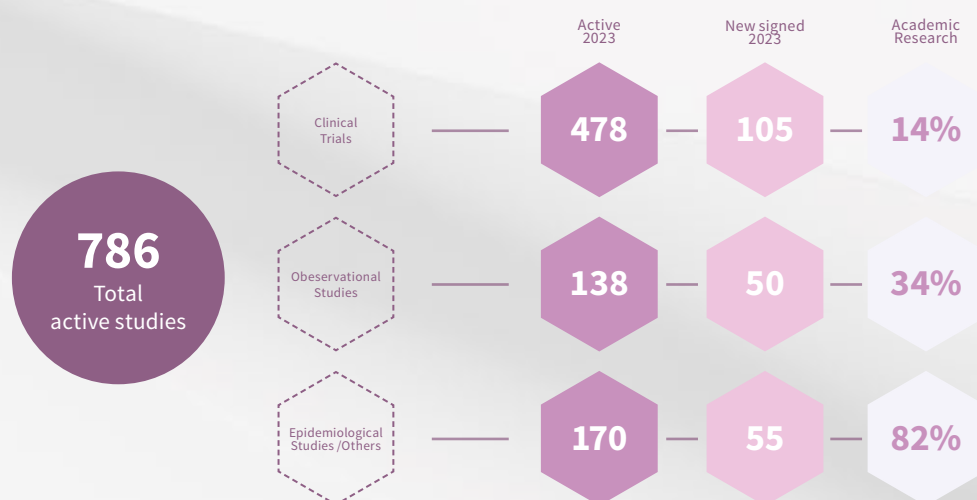


Top 10: Most cited papers

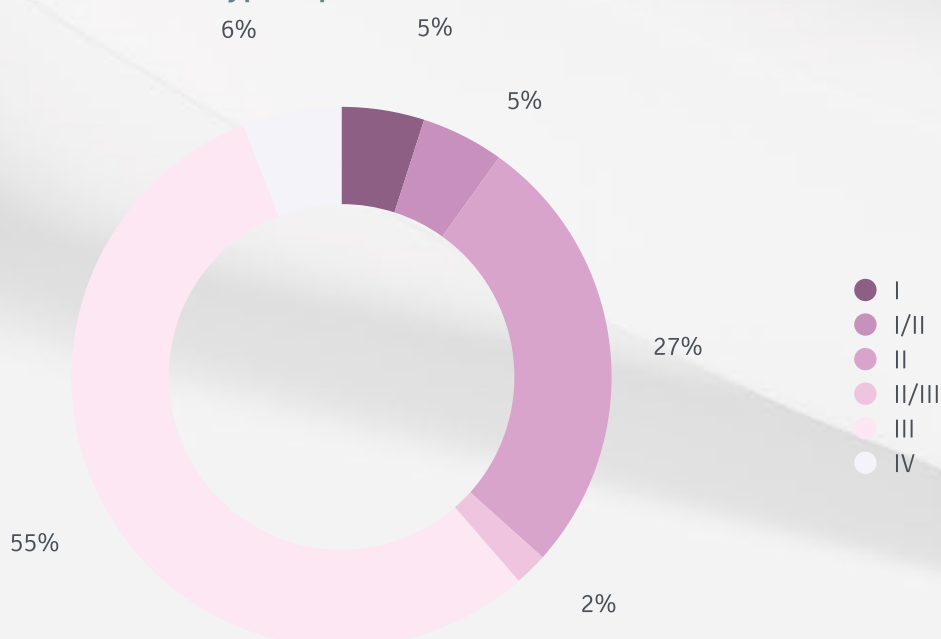
TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study	Lancet	1089	2020	Q1 (1/325)	MEDICINE, GENERAL & INTERNAL	38.943
Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	913	2021	Q1 (13/205)	CELL BIOLOGY	4.340
Ticagrelor with or without Aspirin in High-Risk Patients after PCI	NEW ENGLAND JOURNAL OF MEDICINE	644	2019	Q1(22/195)	MEDICINE, GENERAL & INTERNAL	41.530
New insights into the genetic etiology of Alzheimer's disease and related dementias	NATURE GENETICS	643	2022	Q1 (2/191)	GENETICS & HEREDITY	20.125
Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes.	AMERICAN JOURNAL OF HUMAN GENETICS	572	2019	Q1 (12/191)	GENETICS & HEREDITY	5.294
Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services	BRITISH JOURNAL OF SURGERY	480	2020	Q1 (6/290)	SURGERY	2.850

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Lenvatinib plus Pembrolizumab for Advanced Endometrial Cancer	NEW ENGLAND JOURNAL OF MEDICINE	382	2022	Q1(22/195)	MEDICINE, GENERAL & INTERNAL	41.530
Risk of HIV transmission through condomless sex in serodifferent gay couples with the HIV-positive partner taking suppressive anti-retroviral therapy (PARTNER): final results of a multicentre, prospective, observational study	Lancet	366	2019	Q1 (1/325)	MEDICINE, GENERAL & INTERNAL	38.943
Efficacy and safety of baricitinib for the treatment of hospitalised adults with COVID-19 (COV-BARRIER) : a randomised, double-blind, parallel-group, placebo- controlled phase 3 trial	LANCET RESPIRATORY MEDICINE	337	2021	Q1 (1/54)	CRITICAL CARE MEDICINE	15.325
Association of Initial Disease-Modifying Therapy With Later Conversion to Secondary Progressive Multiple Sclerosis	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	315	2019	Q1 (5/325)	MEDICINE, GENERAL & INTERNAL	27.856

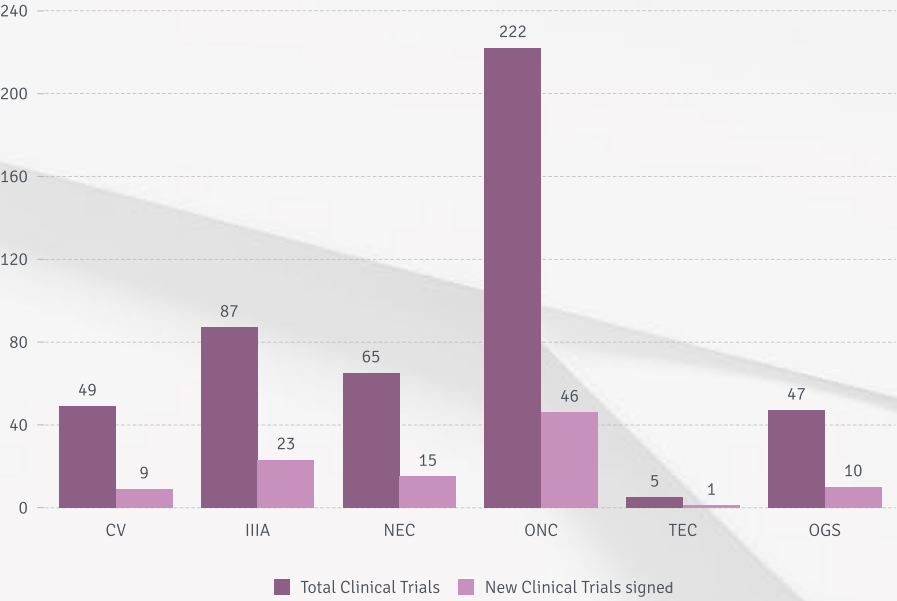
Clinical Studies



Clinical Trials: Type of phase



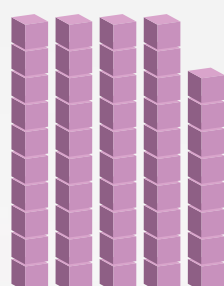
Clinical Trials: Studies by area



Evolution of clinical estudios



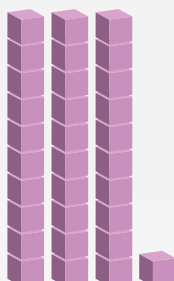
Results transfer and other research indicators



48
Total
Doctoral Thesis



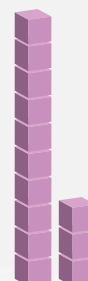
9
Doctoral Theses with
European distinction



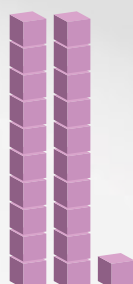
31
Clinical Practice
Guidelines



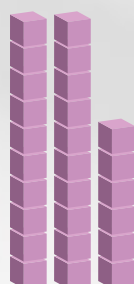
4
Books



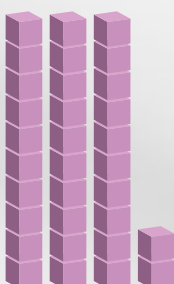
13
Book Chapters



21
Visiting
Researches



16
Movility Of
Researchers



32
Awards



6
Patents in force



4
Patent applications
pending in 2022



7
Trademarks



7
Intellectual property



1
Utility model

Clinical Practice Guidelines

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Chang-Wook Nam, Andy S C Yong, Scott A Harding, Bo Xu, Seung-Ho Hur, Gim Hooi Choo, Huay Cheem Tan, Ajit Mulasari, I-Chang Hsieh, Tsunekazu Kakuta, Takashi Akasaka, Jian'an Wang, Seung-Jea Tahk, William F Fearon, Javier Escaned, Seung-Jung Park. Management strategies for heavily calcified coronary stenoses: an EAPCI clinical consensus statement in collaboration with the EURO4C-PCR group. EUROPEAN HEART JOURNAL. 2023. . DOI: 10.1093/eurheartj/ehad342.

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29. Celia Oreja-Guevara, Mar Tintoré, Virginia Meca, José María Prieto, José Meca, Mar Mendibe, Alfredo Rodríguez-Antigüedad. Family Planning in Fertile-Age Patients With Multiple Sclerosis (MS) (ConPlanEM Study): Delphi Consensus Statements. . 2023. Springer Nature. PMID: 37746391.

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31. Jorge E. Rojas-Rivera, , Clara García-Carro, Ana I. Ávilad, Mar Espinoe, Mario Espinosaf, Gema Fernández-Juárez, Xavier Fulladosah, Marian Goicoechea, Manuel Maciá, Enrique Moralese,k,l, Luis F. Quintana Porras,m, Manuel Pragak,l. Diagnosis and treatment of lupus nephritis: a summary of the Consensus Document of the Spanish Group for the Study of Glomerular Diseases (GLOSEN). Sociedad Española de Nefrología- Grupo de trabajo GLOSEN. 2023. Oxford Academic. 2048-8513.

Protocols implemented in the HCSC

During the year 2023, there have been two protocols implemented in the HCSC have been approved:

- Clinical Pathway for Multidisciplinary Care For Ttr Amyloidosis (Attr).
- Clinical Pathway for the Care Of The Patient With Oesophageal Atresia.

Patents in force

- BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. Spanish Patent no. ES2577883. Date of granting: 14/11/16. Ownership: 100% FIBHCSC. Groups. ONC.6, TEC.6, NEC.6.
- MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Spanish Patent no. ES2530440. Date of granting: 10/12/15. Ownership: 35% FIBHCSC and 65% Fundación para la Investigación Biomédica del Hospital Universitario Ramón y Cajal. Allergy group: IIIA.1.
- MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Ownership: 35% FIBHCSC 65% Fundación para la Investigación Biomédica del Hospital Universitario Ramón y Cajal. European Patent no. 18 161 582.4. Date of granting: 23/05/20. Allergy group. This patent was validated in 2020 in Germany, France, United Kingdom and Italy. Allergy group: IIIA.1.
- MÉTODO Y DISPOSITIVO PARA ANÁLISIS DE MATERIAL BIOLÓGICO, MÉTODO DE OBTENCIÓN Y USO DEL MISMO. Spanish Patent no. ES2598878. Date of granting: 17/10/17. Ownership: 50% FIBHCSC and 50% Universidad de Alcalá. Pediatrics and Innovation Unit groups.

- PREPARACIÓN FARMACÉUTICA ÚNICA Y ESTABLE QUE CONTIENEN BERBERINA. EN FORMULACIÓN DE LIBERACIÓN LENTA. UNA ESTATINA Y UBIQUINOL PARA EL TRATAMIENTO DE LA ENFERMEDAD 5 CARDIOVASCULAR Y LOS FACTORES DE RIESGO ASOCIADOS. Spanish Patent no. ES2645028. Date of granting: 28/05/18. Ownership: 100% FIBHCSC. Vascular Biology group: CV.11.
- METHOD FOR THE IDENTIFICATION OF CARDIAC FIBRILLATION DRIVERS AND/OR THE FOOTPRINT OF ROTATIONAL ACTIVATIONS USING SINGLE OPTICAL OR ELECTRICAL SIGNALS WITHOUT REQUIRING PANORAMIC SIMULTANEOUS ACQUISITION. USA Patent Application no. 17284195 (entry into national phase based on International Application PCT/EP2019/077610): Application date: 9/4/21. Ownership: 10% FIBHCSC 90% CNIC. Arrhythmia group: CV.4.

Patent Applications Pending

- FIRMA DE GENES ASOCIADAS CON UNA ALTA EXPRESIÓN DE LINFOCITOS T REGULADORES QUE PREDICEN EFICACIA DE TRATAMIENTOS ANTI-PD1 Y ANTI-CTLA4 - GENETIC SIGNATURE FORPREDICTING THE RESPONSE TO IMMUNOTHERAPIES IN A SUBJECT. European Patent Application no. 19783542 Spanish Patent no. EP23382324. Application date: 03/04/2023. Oncology groups. ONC.1.
- MÉTODO Y APARATO PARA LA DERIVACIÓN DE ELECTROCARDIOGRAMAS CONVENCIONALES DE 12 DERIVACIONES EN PACIENTES PRONADOS. European Patent Application no. EP23383226. Application date 29/11/2023. Servicio cardiovascular.
- AN IN VITRO METHOD FOR DETECTING CANCER. European Patent Application no. EP23383183.3. 20. Application date: 20/11/2023. IIIA.12.
- COMPOSITION FOR PROMOTING HAIR GROWTH. European Patent Application no. EP23383357.3. Application date: 22/12/2023. OGS.28.

Trademarks



IdISSC
Figurative trademark
nº 010057685
(registration date:
31/10/2011)



Incubadora de Idea
Figurative trademark
nº 010821486
(registration date:
21/08/2012)



PelviCare
Figurative trademark
nº 014279244
(registration date:
07/10/2015)



ProctoCare
Figurative trademark
nº 014428445
(registration date:
25/11/2015)



SysPharma
Figurative trademark nº
015133796
(registration date:
26/09/2017)



Smart Health Center
Figurative trademark
nº 018097394
(registration date:
19/11/19)



Smart Health Center.
Figurative trademark
nº 018965435
(Filing date:
19/12/2023)

Intellectual Property (Registrations/Applications)

- Ilustraciones para el proyecto “Formación interactiva sobre asma en la infancia. Kids Beating Asthma”. Registration no. 16/2013/1642 (registration date: 5/03/2013). Ownership of the FIBHCSC: 100%.
- Proceso de gestión de eventos adversos relacionados con la asistencia sanitaria. Registration no. 16/2013/4768 (registration date: 16/07/2013). Ownership of the FIBHCSC: 100%.
- Video “Caso clínico: colecistectomía por abordaje laparoscópico con complicación intraquirúrgica y secuelas posoperatorias”. Registration no. 16/2013/6751 (registration date: 7/10/2013). Ownership of the FIBHCSC: 50%.
- INTRANET de la Plataforma de Unidades de Investigación Clínica y Ensayos Clínicos (SCReN). Registration No: 16/2021/7073 (registration date: 17/09/21). Ownership of the FIBHCSC: 100%. Group OGS.12.
- Atlas de Inmunofluorescencia indirecta Autoimmunity. Application no. M-005859/2021 (application date: 25/08/2021). Ownership of the FIBHCSC: 100%. Group IIIA.12.
- Programa formativo para rondas de Seguridad. Application no. M-007880/2023 (registration date: 24/10/23). Ownership of the FIBHCSC: 100%. Group TEC.7.
- Caso de videosimulación en seguridad clínica con un proceso de cirugía fast-track. Registration no. M-9489-23 (registration date: 26/12/2023). Ownership of the FIBHCSC: 100%. Group TEC.7.
- “Procedimiento para la solicitud de pruebas con productos sanitarios”. Depositada en la Oficina de Depósito legal con fecha 15/11/16 (nº depósito M20160-2016)
- Proceso de atención al paciente por el médico hospitalista”. Se solicita ISBN en diciembre 2016
- Software “Fissios 1.0”. Depositada en la Oficina de Depósito legal con fecha 29/12/16 (nº depósito M43708-2016) 4) Software “SysPharma”. Depositada en la Oficina de Depósito legal con fecha 3/2/17 (nº depósito M788-2017). Group: ONC.1.

Utility Model Title

Inventor/s: SOTO BEAUREGARD, María del Carmen; ÁVILA RAMÍREZ, Luis Felipe; RODRÍGUEZ DE ALARCÓN GARCÍA, Jaime; DOMÍNGUEZ AMILLO, Eva Esther y GÓMEZ CERVANTES, Juan Manuel. Utility model title: Tallo corrector de malformaciones anorrectales. Publication no. ES1295240. Application date: 20.06.2022. Publication date: 24.10.2022.

Research Dissemination Activities

Scientific Conferences



International Day of Women and Girls in Science 2023

4 Conferences:

- Científicas que inspiran.

Servicio de Oftalmología del HCSC. Grupo de investigación en patología ocular y vías visuales.

- La Ciencia también es nuestra.

Colegio del Hospital Clínico San Carlos.

- ¿Cómo funciona un quirófano? La Investigación en el área quirúrgica.

Instituto de Salud de la Mujer. Grupo de investigación a la Salud de la Mujer.

- Science at school.

Mª Cruz Rodríguez-Bobada González del Campo. UMECE.

14th European Researchers' Night

9 Activities:

- Aprende cómo señalizan las células.

Grupo de Investigación Señalización por cannabinoides en células tumorales.

- ¿Estará el paciente infectado?

Grupo de Investigación Factores ambientales en enfermedades degenerativas.

- La citometría de flujo en el diagnóstico de la enfermedad celíaca.

Genética y bases moleculares de enfermedades complejas.

- Introducción a los Ensayos Clínicos y a los estudios de Bioequivalencia.

Grupo de Investigación Farmacología Clínica.





14th European Researchers' Night

9 Activities:

- **Investigador@ por un día.**

Grupo de Investigación Enfermedades neurológicas.

Grupo de Investigación Fisiopatología y terapéutica neurológica del INA (NEURO-INA-IN).

Unidad de Medicina y Cirugía Experimental: Animalario, Laboratorios y Quirófanos (UMECE).

- **Más allá de la genética de la esclerosis múltiple...**

Grupo de Investigación Genética y bases moleculares de enfermedades complejas.

- **Mens sana in corpore sano.**

Grupo de Investigación Enfermedades neurológicas.

- **Reproducción online de píldoras informativas: Proyecto: "ODIN: caminando hacia el hospital del futuro".**

Unidad de Apoyo a la Innovación (UI).

- **European Corner.**

23rd Science Week

26 Activities:

- **Científic@ y Cirujan@ por un día (6 talleres).**

Mª Cruz Rodríguez-Bobada González del Campo, Silvia Corrochano Sánchez, Ulises Gómez Pinedo, José Antonio Martínez Orgado, Marcos Viñuela Martín, Miguel Fernández Arquero.

- **Tecnología Organ-On-a-Chip: recreando al ser humano en miniatura.**

Benjamín Fernández Gutiérrez; Irene González Guede.

- **Conoce un laboratorio de investigación y cómo desarrollar una carrera investigadora.**

Mª Concepción Núñez Pardo de Vera; Sara Gómez Aguililla.

- **Bioarqueología: detectives del pasado.**

Cláudia Lopes Gomes; César López Matayoshi; Sara Palomo Díez; Juan Gibaja Bao; Ana María López Parra; Manuel Lozano García; Eduardo Arroyo Pardo; Ana Patricia Moya Rueda; Ana Patricia Moya Rueda; Elena Labajo González; María Benito Sánchez; María García Velasco.

- **Cirugía robótica, tecnología de última generación en los tratamientos quirúrgicos.**

Sergio Mosquera Ferrer.

- **Analiza y visualiza los datos de tu proyecto de investigación en salud.**

Sergio Mosquera Ferrer.

- **Introducción a los Ensayos Clínicos y a los estudios de Bioequivalencia de Fase I.**

Antonio Portolés, Mª Rosario Salas, Ana Ascaso, Tomás Lahoz.

- **De las redes neurales de Cajal a las redes de Biobancos.**

Luis Ortega; Elena Molina.

- **Me han diagnosticado endometriosis... ¿y a partir de ahora qué?**

Francisco Javier García Santos, Ignacio Cristóbal, Alicia Gutiérrez Alaguero, Alejandra Mayoral Triana, Francisco José Camello Marqués.

- **Acércate a un laboratorio de fecundación in vitro.**

Ignacio Cristóbal García, Sara Rafael Fernández, María Dolores Cuquerella Fernández Vázquez, Silvia Veganzones de Castro, Marta Vidaurreta Lázaro.

- **Programa de "Preservación de la Fertilidad" para niñas y adolescentes con cáncer.**

Ignacio Cristóbal García, Mónica Bellón Del Amo, Francisco Javier García Santos, Francisco José Camello Marqués.

- **Bioarqueología: detectives del pasado.**

César López Matayoshi, Ana María López Parra, Ana Patricia Moya Rueda, Eduardo Arroyo Pardo, Elena Labajo González, Juan Gibaja Bao, Manuel Lozano García, María Benito Sánchez, Sara Palomo Díez.



23rd Science Week

26 Activities:

- **Glaucoma y embarazo.**

Julián García Feijóo.

- **Trasplante de Córnea: Preguntas frecuentes para pacientes y familiares.**

Mayte Ariño Gutiérrez.

- **Diagnóstico clásico vs. Inteligencia artificial en las enfermedades de la retina.**

José Fernández Vigo.

- **Prevención de la progresión de la miopía.**

Rosario Gómez de Liaño, Noemí Güemes, Elena Hernández y Paula Talavero.

- **El biobanco de muestras oftalmológicas y su uso en investigación biomédica.**

Vanessa Andrés Guerrero.

- **Biología humana, herramienta de identidad e inclusión.**

Sara Palomo Díez; López Matayoshi César.

- **Ciencia en medicina: Gincana de la ciencia sanitaria y primeros pasos en un laboratorio.**

Lydia Abásolo Alcázar; Irene González Guede; María López Ramos; Beatriz García Tirado; Leticia León Mateos.

- **Atrévete a conocer un laboratorio de Reproducción Humana.**

Sara Rafael Fernández, M^a Dolores Cuquerella Fernández-Vázquez, Marta Vidaurreta Lázaro, Silvia Vezanones de Castro.

- **¿Qué desencadena la esclerosis múltiple?**

Elena Urcelay; Adela Glez; Andrea R. López-Pastor; Irene Gómez.

- **El biobanco de muestras oftalmológicas y su uso en investigación biomédica**

Elena Moreno Torres, Vanessa Andrés Guerrero

- **Problemas oculares y de aprendizaje de la infancia**

Elena Hernández, Rosario Gómez, Vanessa Andrés

- **Trasplante de córnea: Preguntas frecuentes para pacientes y familiares**

David Díaz, Mayte Ariño, Pedro Arriola, Vanessa Andrés

- **Biología humana, herramienta de identidad e inclusión**

César López Matayoshi, Ana María López Parra, Ana Patricia Moya Rueda, Cláudia Lopes Gomes, Eduardo Arroyo Pardo, Elena Labajo González, María Benito Sánchez.

- **Gymkhana de la ciencia sanitaria y taller de laboratorio “de la célula al ADN”**

Lydia Abasolo Alcázar, Beatriz García Tirado, Irene González Guede, Lucía Segarra Gómez, Ponente; María López Ramos

4th ESO + Company Programme of the Comunidad de Madrid.

5 activities:

- **Aproximación a la actividad asistencial en un entorno hospitalario.**

Rodrigo García Crespo (Servicio de Traumatología) y Rocío Anula. Grupo de Investigación Innovación: Cirugía, Farmacia y Neuroingeniería.

- **La regulación del metabolismo de lípidos en las enfermedades neurodegenerativas.**

Silvia Corrochano. Grupo de Investigación Enfermedades neurológicas.

- **ENFERMERÍA DE FARMACOVIGILANCIA una profesión versátil, joven y dinámica**

Natalia Rodríguez Galán y Miriam Castro. Grupo de Investigación Farmacología Clínica)

- **El uso de Biomateriales con Células Madre en Enfermedades del Sistema Nervioso Central; Mitos y Realidades.**

Ulises Gómez Pinedo. Grupo de Investigación Enfermedades neurológicas

- **¿QUÉ HACE UN FARMACÉUTICO ESPECIALISTA EN FARMACIA HOSPITALARIA?**

Cristina González Pérez. Dra. M^a Dolores Zamora. Dra. Paz Pacheco. Grupo de Investigación Innovación: Cirugía, Farmacia y Neuroingeniería.



VIII Symposium of the Spanish Society of Celiac Disease 'Fernando Fernández Bañares'.

Organised by: Dra. Concepción Nuñez-Pardo. Grupo de Investigación Genética y bases moleculares de enfermedades complejas

Conference: Personalised Medicine in Inflammatory Diseases.

Organised by: Dr. Luis Rodríguez Rodríguez Coordinador de la Red de Enfermedades Inflamatorias (REI). Grupo de Investigación: Patología Musculoesquelética.

Scientific Conference: Post-mortem research. Genetics and forensic toxicology.

Organised by: Grupo de Investigación en Ciencias Forenses.

Biomedicine Seminar 2023: Extracerebral damage in perinatal asphyxia: prostatic implications and potential therapeutic targets.

Luis Arruza Gómez. Grupo de Investigación en Fisiopatología y terapéutica neurológica del INA (NEURO-INA-IN).

IdISSC research seminars

- Resultados del proyecto VALUEC: Minería de procesos en enfermedades musculoesqueléticas. Luis Rodríguez Rodríguez.
- Resultados del proyecto BRIDGES: Susceptibilidad Genética al Cáncer de Mama. Miguel de la Hoya Mantecón.
- Identificación de vulnerabilidades terapéuticas en cáncer mediante el uso masivo de datos biológicos e inteligencia artificial. Alberto Ocaña.
- Impacto de diferentes técnicas de cirugía bariátrica en las hormonas gastrointestinales, ácidos biliares y microbiota. Miguel Ángel Rubio Herrera.
- Expresión de citoquinas, adipocinas y mRNAs en la diabetes gestacional. Modificación con dieta mediterránea. Johanna Josefina Valerio Deogracia y Ana Barabash Bustelo.
- Resultados asociados a los proyectos de investigación del Servicio de Física Médica en Procedimientos Intervencionistas. José Miguel Fernandez Soto, Eliseo Vañó Carruana, Roberto Mariano Sanchez Casanueva.
- Identificación de factores biológicos asociados a la progresión metastásica precoz en pacientes con cáncer de próstata resistente a la castración M0 con elevación del PSA. Javier Puente Vázquez.
- Detección de ADNtc en LCR y concordancia con el tumor primario en pacientes afectos de gliomas: resultados de un estudio prospectivo y multicéntrico. Santiago Cabezas Camarero.
- Tesis doctoral: Avances en los factores de susceptibilidad a padecer esclerosis múltiple. Adela González Jiménez.
- Tesis doctoral: Papel de la proteína reguladora de la autofagia AMBRA1 en la generación y progresión del carcinoma escamoso. Estibaliz Gabicagogeasoa Corta.
- Líneas de investigación del grupo de Investigación en el Paciente Crítico. Miguel Sánchez García.
- Memoria de la actividad Científica 2022 del IdISSC. Elena Urcelay García.
- Líneas de Investigación de los grupos en el área de NEUROCIENCIA. Moderador: Dr. Alberto Marcos Dolado.
- Líneas de Investigación de los grupos en el área de IIIA. Moderadora: Lydia Abásolo Alcázar.

IdISSC on social media



Impact on research-related media

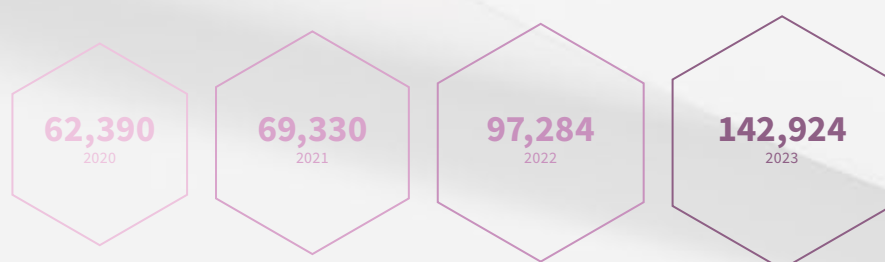


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Press releases related to research issued by the HCSC



Visits to the idissc.org website



IdISSC Periodic Newsletters



During 2023, 19 newsletters have been published in order to share information on national and international news, events and research calls

Activities in which the Innovation Unit has participated

Participation of the Innovation Unit in Different Innovation Dissemination and Communication Activities



The Generative Artificial Intelligence

The Generative Artificial Intelligence Ideas Incubator in Health WAS celebrated last November 8TH, 2023. It attracts more than three hundred people, including researchers, health professionals and those generally interested in innovation in health, paving the way for future collaborations and becoming a successful milestone for the Innovation Ecosystem in Madrid.



GPT Chat Introductory Workshop in Health

Presented by Professor Julio Mayol On November 7



Third Prize for Transfer of Value and Patient Safety

(November 2023)

During the closing of San Carlos week we received the third prize for the transfer of value and patient safety, which recognized the work entitled "Development and implementation of an online health information collection model related to the neonatal home hospitalization process: NEO -DAT" of the Neonatology and Pediatrics services of the Children and Adolescents Institute and the Innovation Unit- IdISSC.

Launch of the first contest "Your idea your health"

(November 2023)

(October 2023)

Interactive workshop on Tools for the intelligent use of RedCap and PowerBI data

Within the MINA Project activities. September 26, 2023, taught by Laura Llorente.



Active Projects



Presentation of Catalyst Europe 2023

Dr. María Luaces, Director of the Innovation Unit, presented the 2023 edition of Catalyst Europe to a group of residents and fellows from the Cardiology Service of the Hospital Clínico San Carlos.

Workshop: How does change management impact hospitals of the future?

In the framework of the European ODIN project a workshop was organised together with our partners from the Polytechnic University of Madrid, in January 20nd.

Open-Digital-Industrial and Networking

Call: H2020-DT-2018-2020

Topic: DT-ICT-12-2020 – AI for the smart hospital of the future

The team of the Innovation Unit at Hospital Clínico San Carlos is part of the ODIN project, Open-Digital-Industrial and Networking.

The objective of this research project, framed within the 'Smart Hospitals' field of the Horizon 2020 Program, is to leverage Artificial Intelligence-based technology to transform healthcare delivery in major hospitals across Europe. ODIN will deploy technologies along three lines of intervention: empowering workers (AI, cybernetics, and bionics), introducing autonomous and collaborative robots, and improving medical settings with IoT.

Start date: March 1, 2021. End date: August 31, 2024.



Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment

Supported by a grant from IMI JU2, the project has received funding from the Innovative Medicines Initiative (IMI JU2) under grant agreement No. 945334.

Creation of an information and monitoring platform for the pharmacological treatment of complex chronic diseases. [CCon, consortium funded through IMI]. Innovative Medicines Initiative (IMI) launches a 5-year global research project, Gravitate-Health, which aims to improve access and understanding of health information, safe use of medicines, minimizing risks and improving quality of life.

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MINA (MADRID INNOVATIVE NEUROTCH ALLIANCE)

P2022-BMD-7236, supported by the Comunidad de Madrid within the framework of the call for R&D aid in Biomedicine 2022, will be carried out during the period 2023-2025

MINA-CM brings together a large consortium of outstanding researchers from the Community of Madrid, complemented and integrated with patient associations, technology companies and foundations, thus providing a social, economic and business dimension.

OTHER PROJECTS

DEPSTAGE Project

DEPSTAGE (2020-2023). "Adjustment of the treatment of DEPRESSION in routine practice to a Clinical Practice Guideline based on a staging model." Study of the patient journey applying process mining techniques.

NEO_DAT (2022- present). Funded by CHIESI. Development of a model for collecting health information related to the processes of the Neonatal Home Hospitalization Unit.

INTEGRATE, Guadarrama Hospital. Development of innovative project: Design and development of a health information exploitation model of the care process Acquired brain damage; definition and calculation of indicators.



SCIENTIFIC REPORT **BY**
IDISSC 2023 **AREA**

CAR DIO VAS CU LAR

CARDIOVASCULAR AREA (CV)

CARDIOVASCULAR AREA (CV)

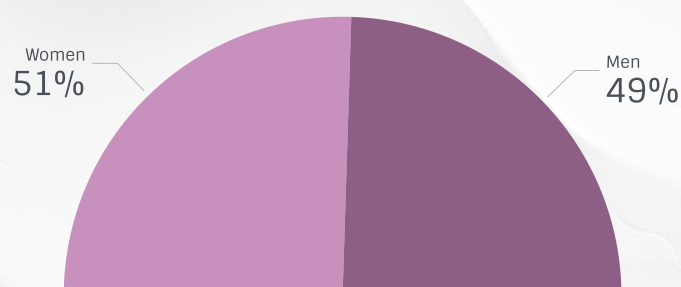
Groups

- CV.1 Assessment of Diagnostic and Therapeutic Technologies in Coronary Arteriosclerosis
- CV.2 Cardiovascular Imaging
- CV.4 Arrhythmia
- CV.6 Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases
- CV.7 Valvular Pathology and Large Vessels
- CV.8 Translational Research in Acute Myocardial Syndromes (INTEGRA)
- CV.10 Myocardial Regeneration Therapy
- CV.11 Cardiovascular Risk

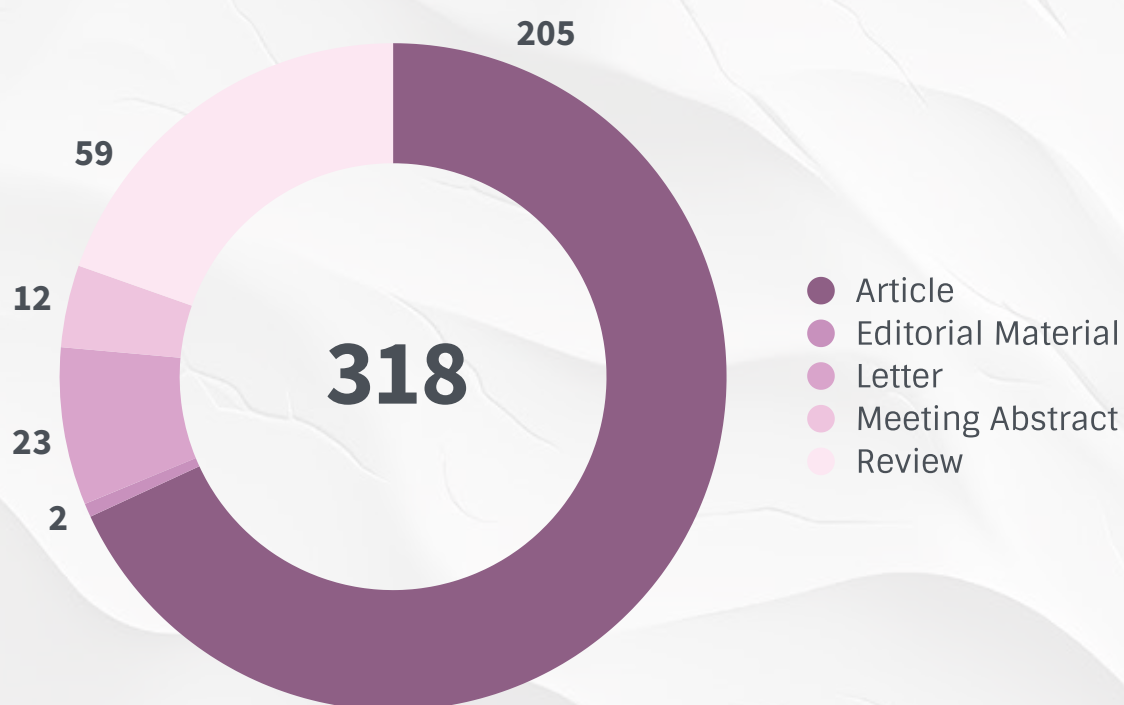
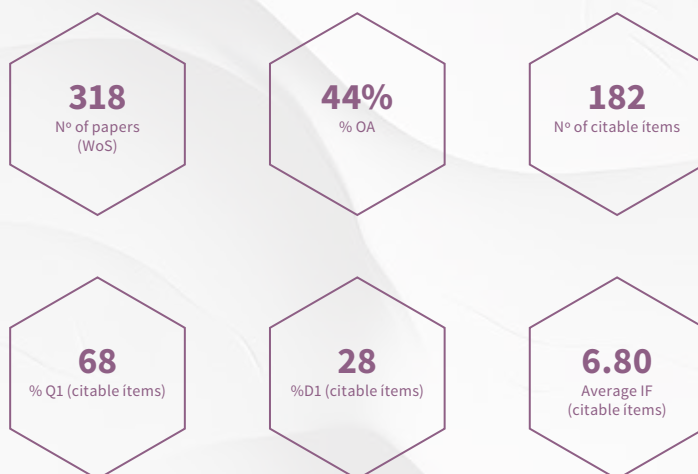
Annual Goals



Accumulated total professionals in the area



Scientific production



Top 5 journals with the highest publication rate

During 2023, the Cardiovascular area's researchers have published in a total of 110 different journals. The top 5 journals where they publish the most are shown below. It represents the 34% of the scientific production of this area. Four of these journals are in the first quartile of the JCR 2023 for their thematic category. Two journals are in the Top 5 in their WoS category.

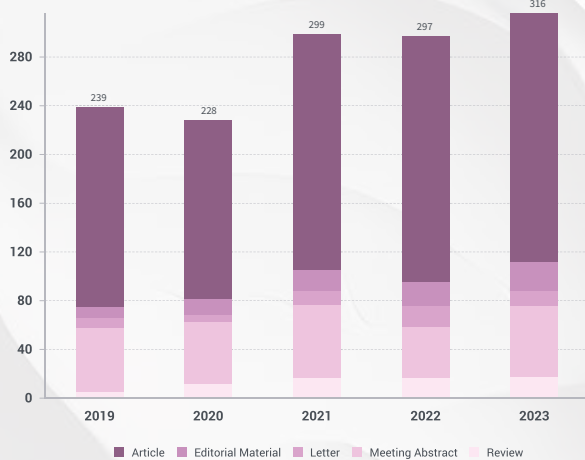
JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2022	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
European Heart Journal	41	Q1 (2/220)	Cardiac & Cardiovascular Systems	12.217	7.74	35.1
Journal Of Clinical Medicine	19	Q1 (58/329)	Medicine, General & Internal	0.844	0.92	2.8
Revista espanola de cardiologia (English ed.)	19	Q1 (24/220)	Cardiac & Cardiovascular Systems	1.555	1.43	6.5
JACC-CARDIOVASCULAR INTERVENTIONS	17	Q1 (10/220)	Cardiac & Cardiovascular Systems	4.288	2.79	10.6
Eurointervention	13	Q1 (21/220)	Cardiac & Cardiovascular Systems	2.490	1.88	7.0

Selected 5 publications

- MEJÍA RENTERÍA, HERNÁN DAVID, TRAVIESO, ALEJANDRO, MATÍAS-GUIU ANTEM, JORDI, YUS FUERTES, MIGUEL, Espejo-Paeres, Carolina, Finocchiaro, Francesca, Fernandez, Sara, Ignacio Gomez-Escalonilla, Carlos, RENESES PRIETO, BLANCA, Dulcenombre Gomez-Garre, Maria, DELGADO ÁLVAREZ, ALFONSO, BUSTOS GARCIA DE CASTRO, ANA, PÉREZ DE ISLA, LEOPOLDO, Gomez de Diego, Jose Juan, Modrego-Martin, Javier, ORTEGA HERNÁNDEZ, ADRIANA, PAPADOPOULOS, PETROS, Arrazola-Garcia, Juan, MATÍAS-GUIU GUIA, JORGE, ESCANED BARBOSA, JAVIER. Coronary microvascular dysfunction is associated with impaired cognitive function: the cerebral-coronary connection study (C3 study). EUROPEAN HEART JOURNAL. 2023. 44 (2):113-125. DOI: 10.1093/eurheartj/ehac521. IF: 39,3. (D1).
- Biscaglia, Simone, Guiducci, Vincenzo, ESCANED BARBOSA, JAVIER, Moreno, Raul, Lanzilotti, Valerio, Santarelli, Andrea, Cerrato, Enrico, Sacchetta, Giorgio, Jurado-Roman, Alfonso, Menozzi, Alberto, Amat Santos, Ignacio, Díez Gil, José Luis, Ruozzi, Marco, Barbierato, Marco, Fileti, Luca, Picchi, Andrea, Lodolini, Veronica, Biondi-Zoccai, Giuseppe, Maietti, Elisa, Pavasini, Rita, Cimaglia, Paolo, Tumscitz, Carlo, Erriquez, Andrea, Penzo, Carlo, Colaioni, Iginio, Pignatelli, Gianluca, Casella, Gianni, Iannopollo, Gianmarco, Menozzi, Mila, Varbella, Ferdinando, Caretta, Giorgio, Dudek, Dariusz, Barbato, Emanuele, Tebaldi, Matteo, Campo, Gianluca, FIRE Trial Investigators. Complete or Culprit-Only PCI in Older Patients with Myocardial Infarction. NEW ENGLAND JOURNAL OF MEDICINE. 2023. 389 (10):889-898. DOI: 10.1056/NEJMoa2300468. IF: 158,5. (D1).
- Weinberg, Ido, Elgendy, Islam Y., Dicks, Andrew B., Marchena, Pablo J., Maly, Radovan, Francisco, Iria, PEDRAJAS NAVAS, JOSE MARÍA, Font, Carme, Hernandez-Blasco, Luis, Monreal, Manuel, PEDRAJAS NAVAS, JOSE MARÍA. Comparison of Presentation, Treatment, and Outcomes of Venous Thromboembolism in Long-Term Immobile Patients Based on Age. Journal of General Internal Medicine. 2023. 38 (8):1877-1886. DOI: 10.1007/s11606-023-08058-x. IF: 4,597. (D1).
- PÉREZ DE ISLA, LEOPOLDO, Diaz-Diaz, Jose J., Romero, Manuel, Muniz-Grijalvo, Ovidio D., Mediavilla, Juan, Argueeso, Rosa F., Munoz-Torrero, Juan Sanchez, Rubio, Patricia, Alvarez-Banos, Pilar, Ponte, Paola, Manas, Dolores, Gutierrez, Lorena Suarez, Cepeda, Jose Maria, Casanas, Marta, Fuentes, Francisco, Guijarro, Carlos, Barba, Miguel Angel, Cerezo, Adriana Saltijeral, Padro, Teresa, Mata, Pedro, SAFEHEART Study Grp. Alirocumab and Coronary Atherosclerosis in Asymptomatic Patients with Familial Hypercholesterolemia: The ARCHITECT Study. Circulation. 2023. 147 (19):1436-1443. DOI: 10.1161/CIRCULATIONAHA.122.062557. IF: 37,8. (D1).
- Enriquez-Vazquez, Daniel, Quintanilla, Jorge G., Garcia-Escolano, Alba, Couselo-Seijas, Marinela, Simon-Chica, Ana, Lee, Peter, Alfonso-Almazan, Jose Manuel, MAHIA CASADO, PATRICIA, Redondo-Rodriguez, Andres, MODREGO MARTIN, JAVIER, ORTEGA HERNÁNDEZ, ADRIANA, MARCOS-ALBERCA MORENO, PEDRO, Magni, Ricardo, Calvo, Enrique, Gomez-Gordo, Ruben, Yan, Ping, La Rosa, Giulio, BUSTAMANTE MANDRIÓN, JOSE ANTONIO, Perez-Garcia, Carlos Nicolas, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Calvo, David, de la Hera, Jesus M., Garcia-Torrent, María Jesus, Garcia-Osuna, Alvaro, Ordonez-Llanos, Jordi, Vazquez, Jesus, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, PÉREZ CASTELLANO, NICASIO, Loew, Leslie M., Sanchez-Gonzalez, Javier, GÓMEZ GARRE, DULCENOMBRE, FILGUEIRAS RAMA, DAVID. Non-invasive electromechanical assessment during atrial fibrillation identifies underlying atrial myopathy alterations with early prognostic value. NATURE COMMUNICATIONS. 2023. 14 (1):- . DOI: 10.1038/s41467-023-40196-y. IF: 16,6. (D1).

Scientific production (2019 - 2023)

Evolution by type of documents



1,233

Nº of papers (WoS)

848

Nº of citable items

43

% OA

8,486

times cited

49.05

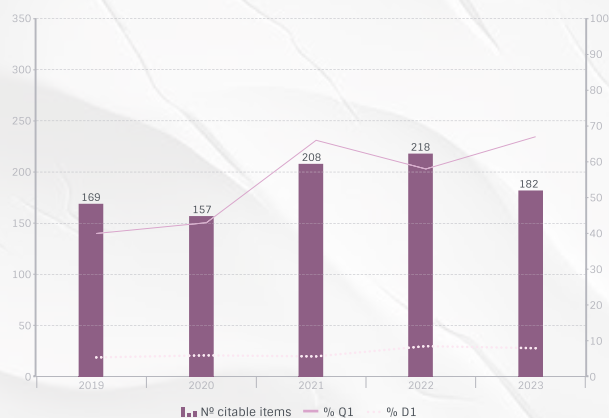
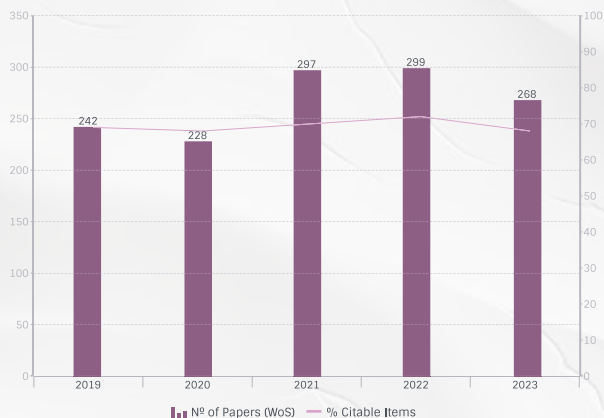
% Q1 (citable items)

22.64

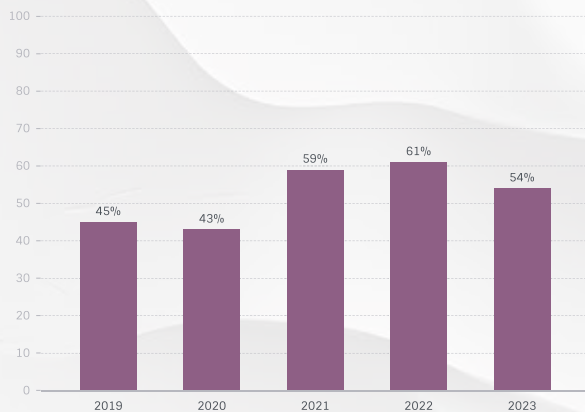
%D1 (citable items)

7.86

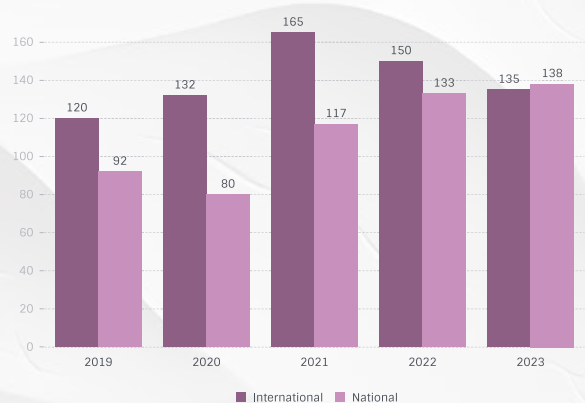
Average IF (citable items)



Percentage open access (citable items wos)



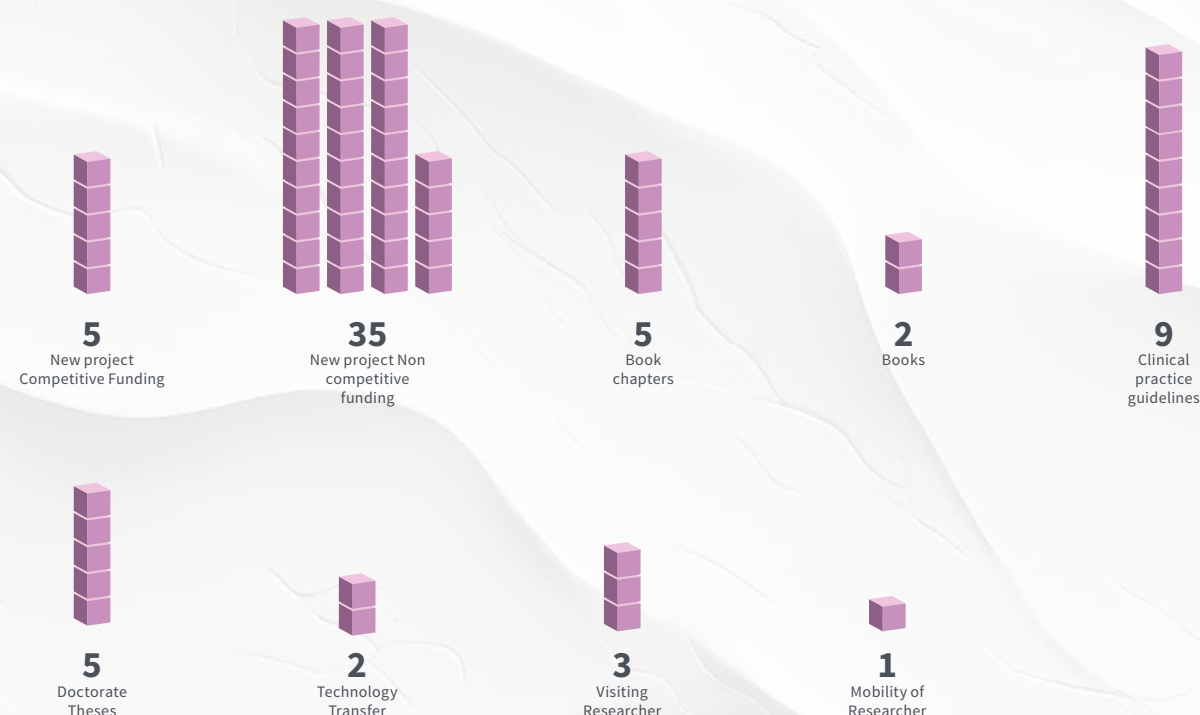
Type of collaboration



Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Ticagrelor with or without Aspirin in High-Risk Patients after PCI	NEW ENGLAND JOURNAL OF MEDICINE	428	2019	Q1 (2/325)	MEDICINE, GENERAL & INTERNAL	41.530
An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group	EUROPEAN HEART JOURNAL	244	2020	Q1 (2/220)	MEDICINE, GENERAL & INTERNAL	12.217
Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification.	EUROPEAN HEART JOURNAL	170	2019	Q1 (2/220)	MEDICINE, GENERAL & INTERNAL	12.217
Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention A Global Expert Consensus Document	Circulation	122	2019	Q1 (3/220)	CARDIAC & CARDIO-VASCULAR SYSTEMS	13.841
Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses The Disrupt CAD II Study	Circulation-Cardiovascular Interventions	118	2019	Q1 (30/220)	CARDIAC & CARDIO-VASCULAR SYSTEMS	2.832

Activity



CV.1

Assessment of Diagnostic and Therapeutic Technologies in Coronary Arteriosclerosis

Leading researcher

Javier Escaned Barbosa

Members

Daniel Alexandre Candeias Faria

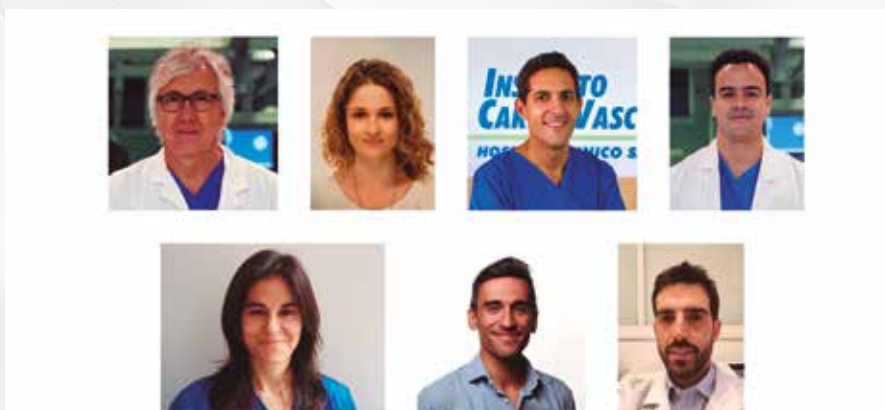
Fernando Macaya Ten

Hernán David Mejía Rentería

María Nieves Gonzalo López

Pablo Salinas Sanguino

Vera Rodríguez García-Abad



Overview

Percutaneous coronary intervention (PCI) has radically changed the handling of acute coronary syndromes and stable angina associated with coronary atherosclerosis. Such change has occurred in just a few decades as a result of incessant progress in PCI technologies, and their continuous evaluation in cardiovascular patients. Thus, in the coming years, technologies such as new and biodegradable drug-eluting stents, as well as farmacoactive balloons currently being introduced in clinical practice, will need to be thoroughly assessed in order to determine their safety, effectiveness and applicability in different subgroups of patients. On top of this, the assessment of the application of such technologies to specific strategies (complete versus the culprit artery revascularization) will be necessary. The Interventional Cardiology Unit of HUSC has played a key role in the evaluation of these technologies, being internationally renowned not only as a participant in major clinical trials within the field of coronary revascularization, but also as a promoter of its own research lines.

Scientific production

104

Nº of papers
(WoS)

40% (42)

% Open
Access (Nº)

88

Nº of papers
JCR indexed

72% (63)

% Citable
Items (Nº)

40% (25)

Q1 (citable items)

19% (12)

D1 (citable items)

620.10

Cumulative IF

9.84

Average IF

Selected Publications

Biscaglia, Simone, Guiducci, Vincenzo, ESCANED BARBOSA, JAVIER, Moreno, Raul, Lanzilotti, Valerio, Santarelli, Andrea, Cerrato, Enrico, Sacchetta, Giorgio, Jurado-Roman, Alfonso, Menozzi, Alberto, Amat Santos, Ignacio, Díez Gil, José Luis, Ruoizzi, Marco, Barbierato, Marco, Fileti, Luca, Picchi, Andrea, Lodolini, Veronica, Biondi-Zoccai, Giuseppe, Maletti, Elisa, Pavasini, Rita, Cimaglia, Paolo, Tumscitz, Carlo, Erriquez, Andrea, Penzo, Carlo, Colaiori, Iginio, Pignatelli, Gianluca, Casella, Gianni, Iannopollo, Gianmarco, Menozzi, Mila, Varbella, Ferdinando, Caretta, Giorgio, Dudek, Dariusz, Barbato, Emanuele, Tebaldi, Matteo, Campo, Gianluca, FIRE Trial Investigators. Complete or Culprit-Only PCI in Older Patients with Myocardial Infarction. *NEW ENGLAND JOURNAL OF MEDICINE*. 2023. 389 (10):889-898. DOI: 10.1056/NEJMoa2300468. IF: 158,5. (D1).

MEJÍA RENTERÍA, HERNÁN DAVID, Wang, Lin, Chipayo-Gonzales, David, van de Hoef, Tim P., Travieso, Alejandro, Espejo, Carolina, NÚÑEZ GIL, IVÁN JAVIER, MACAYA TEN, FERNANDO, GONZALO LÓPEZ, MARÍA NIEVES, ESCANED BARBOSA, JAVIER. Angiography-derived assessment of coronary microcirculatory resistance in patients with suspected myocardial ischemia and Non-obstructive coronary arteries. *Eurointervention*. 2023. 18 (16):1348. DOI: 10.4244/EIJ-D-22-00579. IF: 6,2. (D1).

ESCANED BARBOSA, JAVIER, Berry, Colin, De Bruyne, Bernard, Shabbir, Asad, Collet, Carlos, Lee, Joo Myung, Appelman, Yolande, Barbato, Emanuele, Biscaglia, Simone, Buszman, Piotr P., Campo, Gianluca, Chieffo, Alaide, Colleran, Roisin, Collison, Damien, Davies, Justin, Giacoppo, Daniele, Holm, Niels R., Jeremias, Allen, Paradies, Valeria, Piroth, Zsolt, Raposo, Luis, Roguin, Ariel, Rudolph, Tanja, Sarno, Giovanna, Sen, Sayan, Toth, Gabor G., Van Belle, Eric, Zimmermann, Frederik M., Dudek, Dariusz, Stefanini, Giulio, Tarantini, Giuseppe. Applied coronary physiology for planning and guidance of percutaneous coronary interventions. A clinical consensus statement from the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the European Society of Cardiology. *Eurointervention*. 2023. 19 (6):464-. DOI: 10.4244/EIJ-D-23-00194. IF: 6,2. (Q1).

Clinical Practice Guidelines

Warisawa, Takayuki, Cook, Christopher M., Kawase, Yoshiaki, Howard, James P., Ahmad, Yousif, Seligman, Henry, Rajkumar, Christopher, Toya, Takumi, Doi, Shunichi, Nakajima, Akihiro, Tanigaki, Toru, Omori, Hiroyuki, Nakayama, Masafumi, VERA GARCÍA, M^a DEL MAR, Yuasa, Sonoka, Sato, Takao, Kikuta, Yuetsu, Nishina, Hidetaka, Al-Lamee, Rasha, Sen, Sayan, Lerman, Amir, Akashi, Yoshihiro J., ESCANED BARBOSA, JAVIER, Matsuo, Hitoshi, Davies, Justin E. Physiology-guided PCI versus CABG for left main coronary artery disease: insights from the DEFINE-LM registry. *Cardiovascular Intervention and Therapeutics*. 2023. Springer Verlag. 10.1007/s12928-023-00932-z.

Bon-Kwon Koo, Doyeon Hwang, Sungjoon Park, Shoichi Kuramitsu, Taishi Yonetsu, Chee Hae Kim, Jinlong Zhang, Seokhun Yang, Joon-Hyung Doh, Young-Hoon Jeong, Ki Hong Choi, Joo Myung Lee, Jung-Min Ahn, Hitoshi Matsuo, Eun-Seok Shin, Xinyang Hu, Adrian F Low, Takashi Kubo, Chang-Wook Nam, Andy S C Yong, Scott A Harding, Bo Xu, Seung-Ho Hur, Gim Hooi Choo, Huay Cheem Tan, Ajit Mulasari, I-Chang Hsieh, Tsunekazu Kakuta, Takashi Akasaka, Jian'an Wang, Seung-Jea Tahk, William F Fearon, Javier Escaned, Seung-Jung Park. Practical Application of coronary physiologic assessment: Asia-Pacific Expert Consensus Document: Part 1. *JACC-CARDIOVASCULAR INTERVENTIONS*. 2023. DOI: 10.1016/j.jacasi.2023.07.003.

Bon-Kwon Koo, Doyeon Hwang, Sungjoon Park, Shoichi Kuramitsu, Taishi Yonetsu, Chee Hae Kim, Jinlong Zhang, Seokhun Yang, Joon-Hyung Doh, Young-Hoon Jeong, Ki Hong Choi, Joo Myung Lee, Jung-Min Ahn, Hitoshi Matsuo, Eun-Seok Shin, Xinyang Hu, Adrian F Low, Takashi Kubo, Chang-Wook Nam, Andy S C Yong, Scott A Harding, Bo Xu, Seung-Ho Hur, Gim Hooi Choo, Huay Cheem Tan, Ajit Mulasari, I-Chang Hsieh, Tsunekazu Kakuta, Takashi Akasaka, Jian'an Wang, Seung-Jea Tahk, William F Fearon, Javier Escaned, Seung-Jung Park. Practical Application of coronary physiologic assessment: Asia-Pacific Expert Consensus Document: Part 2. *JACC-CARDIOVASCULAR INTERVENTIONS*. 2023. DOI:10.1016/j.jacasi.2023.07.004.

Bon-Kwon Koo, Doyeon Hwang, Sungjoon Park, Shoichi Kuramitsu, Taishi Yonetsu, Chee Hae Kim, Jinlong Zhang, Seokhun Yang, Joon-Hyung Doh, Young-Hoon Jeong, Ki Hong Choi, Joo Myung Lee, Jung-Min Ahn, Hitoshi Matsuo, Eun-Seok Shin, Xinyang Hu, Adrian F Low, Takashi Kubo, Chang-Wook Nam, Andy S C Yong, Scott A Harding, Bo Xu, Seung-Ho Hur, Gim Hooi Choo, Huay Cheem Tan, Ajit Mulasari, I-Chang Hsieh, Tsunekazu Kakuta, Takashi Akasaka, Jian'an Wang, Seung-Jea Tahk, William F Fearon, Javier Escaned, Seung-Jung Park. Management strategies for heavily calcified coronary coronary stenoses: an EAPCI clinical consensus statement in collaboration with the EURO4C-PCR group. *EUROPEAN HEART JOURNAL*. 2023. DOI: 10.1093/eurheartj/ehad342.

New Competitive Funding

INT22/00088. Contrato para la Intensificación de la Actividad Investigadora en el SNS - Javier Escaned. PI: ESCANED BARBOSA, JAVIER. Funding: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL.22/573. COMBINED ISCHEMIA AND VULNERABLE PLAQUE PERCUTANEOUS INTERVENTION TO REDUCE CARDIOVASCULAR EVENTS. PI: ESCANED BARBOSA, JAVIER; MACAYA TEN, FERNANDO; GONZALO LÓPEZ, MARÍA NIEVES; SALINAS SANGUINO, PABLO.

ECL.23/346. EQUIDAD EN LA MODIFICACIÓN DE LA PLACA EN MUJERES CON CORONARIOPATÍA CALCIFICADA INFRATATADA (EMPOWER CAD) EQUITY IN MODIFYING PLAQUE OF WOMEN WITH UNDERTREATED CALCIFIED CORONARY ARTERY DISEASE (EMPOWER CAD). PI: GONZALO LÓPEZ, MARÍA NIEVES.

ECL.22/562. EQUIPO EUROPEO DE RESISTENCIA MICROCIRCULATORIA Y FLUJO ABSOLUTO. REGISTRO EURO-CRAFT. EUROPEAN MICROCIRCULATORY RESISTANCE AND ABSOLUTE FLOW TEAM: THE EURO-CRAFT REGISTRY. PI: ESCANED BARBOSA, JAVIER.

ECL.22/542. ESTUDIO COMFORT (EVALUACIÓN PROSPECTIVA DE LOS RESULTADOS CLÍNICOS A LARGO PLAZO DESPUÉS DE UNA INTERVENCIÓN CORONARIA PERCUTÁNEA GUIADA POR EL ÍNDICE "COCIENTE DE PRESIÓN BASAL EN TODO EL CICLO CARDIACO" (RFR); ESTUDIO MULTICÉNTRICO Y MULTINACIONAL DE INTERVENCIÓN DE UN SOLO GRUPO COMPARADO CON UN CONTROL HISTÓRICO). PI: MEJÍA RENTERÍA, HERNÁN DAVID.

ECL.22/640. FLOWTRIEVER ALL-COMER REGISTRY FOR PATIENT SAFETY AND HEMODYNAMICS (FLASH) FLOWTRIEVER: ESTUDIO DE REGISTRO ABIERTO DE LA SEGURIDAD Y HEMODINÁMICA EN PACIENTES [FLASH]). PI: SALINAS SANGUINO, PABLO.

ECL.23/203. ESTUDIO POST COMERCIALIZACIÓN DE XIENCE SKYPOINT PARA VASOS DE GRAN LONGITUD (SPIRIT XLV PAS) / XIENCE SKYPOINT LARGE VESSEL POST APPROVAL STUDY (SPIRIT XLV PAS). PI: GONZALO LÓPEZ, MARÍA NIEVES.

ECL.21/612. NO INFERIORIDAD DE LA ORIENTACIÓN FISIOLÓGICA DERIVADA DE LA ANGIOGRAFÍA (QFR) FRENTE A LA PRÁCTICA HABITUAL EN TODOS LOS PACIENTES CANDIDATOS A INTERVENCIÓN PERCUTÁNEA CORONARIA (IPC), CON EL USO NO RESTRINGIDO DEL STENT LIBERADOR DE SIROLIMUS HT SUPREMETM Y TRATADOS CON INHIBIDOR DE P2Y12 EN MONOTERAPIA TRAS UN MES DE TERAPIA DUAL ANTIPLAQUETARIA: ESTUDIO PIONEER IV. PI: ESCANED BARBOSA, JAVIER.

CRD1050/ABT-CIP-10445. Spirit XLV PAS estudio post comercialización de XINCE SKYPOINT para vasos de gran longitud. PI: GONZALO LÓPEZ, MARÍA NIEVES.

CV.2

Cardiovascular Imaging

Leading researcher

Leopoldo Pérez de Isla

Members

Eduardo Pozo Osinalde

José Alberto De Agustín Loeches

José Juan Gómez De Diego

María Luaces Méndez

Patricia Mahia Casado

Pedro Marcos-Alberca Moreno



Overview

This research group is one of the most dynamic and productive within the cardiovascular imaging field in our country. Due to a strong welfare activity encompassing different fields of cardiovascular imaging, such as echocardiography and cardiac magnetic resonance, the group displays a pronounced teaching and research projection. Proof of this are the numerous publications in national and international scientific journals and books, work presentations in the most important national and international conferences, and the participation of the group members as moderators, speakers and organizers. The research work conducted by the group stands out for the development of the clinical application of novel imaging tools to improve the diagnosis, management and treatment of both cardiac and extra-cardiac patients, upon exploration of the technique's advantages and limitations. The group outstands for the collaboration with other research groups related with cardiology and other fields within IdISSC.

Scientific production

29

Nº of papers
(WoS)

38%(11)

% Open
Access (Nº)

27

Nº of papers
JCR indexed

56%(15)

% Citable
Items (Nº)

53%(8)

Q1 (citable items)

27%(4)

D1 (citable items)

170.40

Cumulative IF

11.36

Average IF

Selected Publications

Martínez-Gómez, Jesús, Fernández-Alvira, Juan Miguel, de Cos-Gandoy, Amaya, Bodega, Patricia, de Miguel, Mercedes, Tresserra-Rimbau, Anna, Laveriano-Santos, Emily P., Carral, Vanesa, Carvajal, Isabel, Estruch, Ramon, Lamuela-Raventós, Rosa María, Santos-Beneit, Gloria, Fuster, Valentín, FERNÁNDEZ JIMÉNEZ, RODRÍGO. Sleep duration and its association with adiposity markers in adolescence: a cross-sectional and longitudinal study. *Eur. J. Prev. Cardiol.* 2023. 30 (12):1236-1244. DOI: 10.1093/eurjpc/zwad137. IF: 8,3. (Q1).

PÉREZ DE ISLA, LEOPOLDO, Díaz-Díaz, Jose J., Romero, Manuel, Muñoz-Grijalvo, Ovidio D., Mediavilla, Juan, Argüeso, Rosa F., Muñoz-Torrero, Juan Sánchez, Rubio, Patricia, Álvarez-Banos, Pilar, Ponte, Paola, Manas, Dolores, Gutiérrez, Lorena Suárez, Cepeda, Jose María, Casanas, Marta, Fuentes, Francisco, Guíjarro, Carlos, Barba, Miguel Ángel, Cerezo, Adriana Saltijeral, Padro, Teresa, Mata, Pedro, SAFEHEART Study Grp . Alirocumab and Coronary Atherosclerosis in Asymptomatic Patients with Familial Hypercholesterolemia: The ARCHITECT Study. *Circulation.* 2023. 147 (19):1436-1443. DOI: 10.1161/CIRCULATIONAHA.122.062557. IF: 37,8. (D1).

Parraga, Rocio, Real, Carlos, García-Lunar, Inés, Pizarro, Gonzalo, Sánchez-González, Javier, Díaz-Muñoz, Raquel, González-Calvo, Ernesto, Fernández-Alvira, Juan Miguel, Martínez-Gómez, Jesús, FERNÁNDEZ JIMÉNEZ, RODRÍGO. Absence of Myocardial Involvement After SARS-CoV-2 Vaccination in Asymptomatic Adolescents. *J. Cardiovasc. Transl. Res.* 2023. ():- . DOI: 10.1007/s12265-023-10455-w. IF: 3,4. (Q2).

Doctorate theses

Doctoral candidate: Fabian Islas Ramírez. Thesis Title: Caracterización de fibrosis miocárdica en pacientes obesos con un primer episodio de infarto agudo de miocardio mediante T1 mapping. Director(s): María Luaces Méndez, Leopoldo Pérez de Isla, Carlos Macaya Miguel. University: Universidad Complutense de Madrid.

New Non Competitive Funding

ECL.23/479. ESTUDIO DE FASE 3, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE MK-0616 PARA REDUCIR LAS COMPLICACIONES CARDIOVASCULARES GRAVES EN PARTICIPANTES CON RIESGO CARDIOVASCULAR ELEVADO A PHASE 3 RANDOMIZED, PLACEBO-CONTROLLED CLINICAL STUDY TO EVALUATE THE EFFICACY AND SAFETY OF MK-0616 IN REDUCING MAJOR ADVERSE CARDIOVASCULAR EVENTS IN PARTICIPANTS AT HIGH CARDIOVASCULAR RISK. PI: PÉREZ DE ISLA, LEOPOLDO.

ECL.22/706. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO, COMPARATIVO CON PLACEBO, DE OLEZARSÉN (ISIS 678354) EN PACIENTES CON HIPERTRIGLICERIDEMIA Y ENFERMEDAD CARDIOVASCULAR ATEROESCLERÓTICA (ESTABLECIDA O CON MAYOR RIESGO DE ELLA), O CON HIPERTRIGLICERIDEMIA GRAVE. A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PHASE 3 STUDY OF OLEZARSEN (ISIS 678354) IN PATIENTS WITH HYPERTRIGLYCERIDEMIA AND ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (ESTABLISHED OR AT INCREASED RISK FOR), OR WITH SEVERE HYPERTRIGLYCERIDEMIA. PI: PÉREZ DE ISLA, LEOPOLDO.

ECL.22/626. ESTUDIO MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO QUE EVALÚA EL IMPACTO DE OLPASIRAN EN LOS ACONTECIMIENTOS CARDIOVASCULARES MAYORES EN PACIENTES CON ENFERMEDAD CARDIOVASCULAR ATEROESCLERÓTICA Y LIPOPROTEÍNA (A) ELEVADA. A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, MULTICENTER STUDY ASSESSING THE IMPACT OF OLPASIRAN ON MAJOR CARDIOVASCULAR EVENTS IN PATIENTS WITH ATHEROSCLEROTIC CARDIOVASCULAR DISEASE AND ELEVATED LIPOPROTEIN (A). PI: PÉREZ DE ISLA, LEOPOLDO.

CV.4

Arrhythmia

Leading researcher

Julián Pérez-Villacastín Domínguez

Members

David Calvo Cuervo

David Filgueiras Rama

Eduardo Martínez Gómez

Isabel Sicilia Bravo

Jennifer Nuñez Chavarry

Josebe Goirigolzarri Artaza

Juan José González Ferrer

Lucía Cortés Marín

M^a Jesús García Torrent

María Eugenia Aldama Martín

María Herreros Gil

María Sánchez Sánchez

María Victoria Cañadas Godoy

Marta Lourdes Casas De La Cal

Miguel Ángel Gómez Garfia

Mónica Lamuedra Del Olmo

Nicasio Pérez Castellano

Ricardo Salgado Aranda

Virginia Beatriz Cerron Rodriguez



Overview

The Arrhythmia Unit of the Hospital Clínico San Carlos, established in December 2000, belongs to the Cardiovascular Institute of the hospital. The cardiologists within the group are accredited in Interventional Cardiac Electrophysiology by the Spanish and European Society, and they are members of the Spanish and European Society of Cardiology.

Today, five competitively funded projects are being developed, among which two are from the Health Research Fund of the Instituto Carlos III and three additional privately funded projects are also elaborated by the team itself. The group is also involved in seven competitive multicenter clinical trials, being Dr. Perez-Villacastín the national coordinator in two of them. In addition, the group contributes to the record of arrhythmia ablations at a national and international level, to the research in implantable devices and to the EURObservational Research Program from the European Cardiology Society.

Scientific production

51

Nº of papers
(WoS)

35% (18)

% Open
Access (Nº)

45

Nº of papers
JCR indexed

49% (22)

% Citable
Items (Nº)

45% (10)

Q1 (citable items)

5% (1)

D1 (citable items)

117.90

Cumulative IF

5.36

Average IF

Selected Publications

Enriquez-Vazquez, Daniel, Quintanilla, Jorge G., Garcia-Escolano, Alba, Couselo-Seijas, Marinela, Simon-Chica, Ana, Lee, Peter, Alfonso-Almazan, Jose Manuel, MAHIA CASADO, PATRICIA, Redondo-Rodriguez, Andres, MODREGO MARTIN, JAVIER, ORTEGA HERNÁNDEZ, ADRIANA, MARCOS-ALBERCA MORENO, PEDRO, Magni, Ricardo, Calvo, Enrique, Gomez-Gordo, Ruben, Yan, Ping, La Rosa, Giulio, BUSTAMANTE MANDRIÓN, JOSE ANTONIO, Perez-Garcia, Carlos Nicolas, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Calvo, David, de la Hera, Jesus M., Garcia-Torrent, Maria Jesus, Garcia-Osuna, Alvaro, Ordóñez-Llanos, Jordi, Vazquez, Jesus, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, PÉREZ CASTELLANO, NICASIO, Loew, Leslie M., Sanchez-Gonzalez, Javier, GÓMEZ GARRE, DULCENOMBRE, FILGUEIRAS RAMA, DAVID. Non-invasive electromechanical assessment during atrial fibrillation identifies underlying atrial myopathy alterations with early prognostic value. *Nat. Commun.* 2023. 14 (1):- DOI: 10.1038/s41467-023-40196-y. IF: 16,6. (D1).

BENGOA TERRERO, CHRISTIAN, Bas Villalobos, Marian, Pastor Rodriguez-Monino, Ana, Lasheras Carbajo, Maria Dolores, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, Fernandez Perez, Cristina, Garcia Torrent, Maria Jesus, SÁNCHEZ DEL HOYO, RAFAEL, Garcia Lledo, Alberto. Increasing Influenza Vaccination in Primary Healthcare Workers Using Solidary Incentives: Analysis of Efficacy and Costs. *Vaccines.* 2023. 11 (3):- DOI: 10.3390/vaccines11030557. IF: 7,8. (Q1).

Lee, Peter, Hou, Luqia, Alibhai, Faisal J., Al-attar, Rasha, Simon-Chica, Ana, Redondo-Rodriguez, Andres, Nie, Yilin, Mirotsoy, Maria, Laflamme, Michael A., Swaminath, Gayathri, FILGUEIRAS RAMA, DAVID. A fully-automated low-cost cardiac monolayer optical mapping robot. *Front. Cardiovasc. Med.* 2023. 10 ():- DOI: 10.3389/fcvm.2023.1096884. IF: 3,6. (Q2).

Clinical Practice Guidelines

CALVO CUERVO, DAVID. Comment on the ESC Guidelines 2022 for the Management of Patients with Ventricular Arrhythmias and the Prevention of Sudden Cardiac Death. *EUROPEAN CARDIOLOGY REVIEW.* 2023. RADCLIFFE CARDIOLOGY.

Doctorate Theses

Doctoral candidate: Julián Palacios Rubio. Thesis Title: Estudio multicéntrico de validación del análisis espectral de la fibrilación ventricular como predictor pronóstico en la parada cardíaca (AWAKE). Director(s): David Filgueiras Rama, Julián Pérez-Villacastín, Carlos Macaya Miguel. University: Universidad Complutense de Madrid.

Doctoral candidate: Daniel Enríquez Vázquez. Thesis Title: Simultaneous echocardiography and electrocardiography-based atrial electromechanical mapping during atrial fibrillation to predict effective pharmacological cardioversion. Director(s): David Filgueiras Rama, Julián Pérez-Villacastín, Carlos Macaya Miguel. University: Universidad Complutense de Madrid.

Doctoral candidate: Alba Ramos Prada. Thesis Title: Electrophysiological Correlation and Validation of Ischemic Ventricular Tachycardia Reentrant Circuits derived from magnetic resonance imaging images. Director(s): David Filgueiras Rama, Jorge García Quintanilla. University: Universidad Autónoma de Madrid.

New Non Competitive Funding

ECL.21/140. ABLACIÓN PACIENTE-ESPECÍFICA DE LOS DRIVERS DE LA FIBRILACIÓN AURICULAR PERSISTENTE GUIADA POR CRITERIOS DE MODULACIÓN DE FRECUENCIA Y AMPLITUD (TAILOR-AF). PI: FILGUEIRAS RAMA, DAVID.

ECL.23/439. ESTUDIO BOCADOS-IC: ENSAYO CLÍNICO ALEATORIZADO PROSPECTIVO MULTICÉNTRICO SOBRE EL ABORDAJE NUTRICIONAL EN ADULTOS SEGUIDOS EN HOSPITALES ESPAÑOLES POR INSUFICIENCIA CARDIACA. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.23/219. ESTUDIO PROSPECTIVO, ALEATORIZADO, MULTICÉNTRICO, ABIERTO, GUIADO POR EVENTOS, PARA EVALUAR LA NO INFERIORIDAD DE UNA ESTRATEGIA PERSONALIZADA DE PRECISIÓN PARA LA PREVENCIÓN DE LA MUERTE SÚBITA EN PACIENTES CON MIOCAR-

DIOPATÍA DILATADA NO ISQUÉMICA - ESTUDIO CIBER-SPANISH I. PI: CAÑADAS GODOY, MARIA VICTORIA.

ECL.22/713. EVALUATION OF ELECTROCARDIOGRAPHIC DATA FROM HIGH-RISK CARDIAC PATIENTS USING WILLEM CARDIOLOGIST-LEVEL ARTIFICIAL INTELLIGENCE SOFTWARE EVALUACIÓN DE DATOS ELECTROCARDIOGRÁFICOS DE PACIENTES DE ALTO RIESGO CARDIOVASCULAR UTILIZANDO EL SOFTWARE DE INTELIGENCIA ARTIFICIAL DE NIVEL CARDIÓLOGO WILLEM™. PI: FILGUEIRAS RAMA, DAVID.

ECL.23/305. HERMES: EFECTOS DE ZILTIVEKIMAB FRENTE A PLACEBO SOBRE LA MORBIMORTALIDAD EN PACIENTES CON INSUFICIENCIA CARDÍACA CON FRACCIÓN DE EYECCIÓN LEVEMENTE REDUCIDA O PRESERVADA E INFLAMACIÓN SISTÉMICA. HERMES: EFFECTS OF ZILTIVEKIMAB VERSUS PLACEBO ON MORBIDITY AND MORTALITY IN PATIENTS WITH HEART FAILURE WITH MILDLY REDUCED OR PRESERVED EJECTION FRACTION AND SYSTEMIC INFLAMMATION. PI: RESTREPO CORDOBA, MARIA ALEJANDRA.

ECL.23/075. INICIO TEMPRANO DE CANDESARTÁN VS PLACEBO EN PORTADORES GENÉTICOS DE MUTACIONES CAUSALES DE MCD SIN EVIDENCIA DE ENFERMEDAD (EARLY-GENE TRIAL) EARLY TREATMENT WITH CANDESARTAN VS PLACEBO IN ASYMPTOMATIC GENETIC CARRIERS OF DILATED CARDIOMYOPATHY (EARLY-GENE TRIAL). PI: RESTREPO CORDOBA, MARIA ALEJANDRA.

ECL.22/565. MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE FOR EARLY DETECTION OF STROKE AND ATRIAL FIBRILLATION (MAESTRIA). PI: FILGUEIRAS RAMA, DAVID.

ECL.23/648. REGISTRO DE PROCEDIMIENTOS DE RESONANCIA MAGNÉTICA EN PORTADORES DE DISPOSITIVOS IMPLANTABLES. PI: PÉREZ CASTELLANO, NICASIO.

Technology Transfer

Method for the identification of cardiac fibrillation drivers and/or the footprint of rotational activations using single optical or electrical signals without requiring panoramic simultaneous acquisition: Inventors: Jorge García Quintanilla; David Filgueiras Rama; Nicasio Pérez Castellano; Julián Pérez-Villacastín.

CV.6

Predictive Biomedicine and Translational Research in Respiratory, Cardiovascular and Metabolic Diseases

Leading researchers

Myriam Calle Rubio

José Javier Zamorano León

Members

Ana López De Andrés

M^a Cruz Iglesias Moreno

Antonio Ignacio Martín Conejero

Manuel Gómez Serrano

Carlos Hugo Martínez Martínez

María José Bernabe Barrios

David Rodríguez Calle

María Teresa Marín Becerra

Francisco Javier Serrano Hernando

Meritxell López Gallardo

Gianna Vargas Centanaro

Miriam García Carro

Guillermo Moñux Ducájú

Natalia De Las Heras Jiménez

Joaquín Poch Broto

Rodrigo Jiménez García

José Luis Álvarez-Sala Walther

Sandra Ballesteros Rodrigálvarez

Juan Luis Rodríguez Hermosa

Tudorita Cucicea

Khaoula Zekri

Vicente Lahera Juliá



Overview

The Cardiovascular and Pulmonary Research Unit focuses on promoting basic-clinical translational research in respiratory, cardiovascular and metabolic diseases. It focuses on two main lines of translational research: On the one hand, research into biomarkers for prognosis/diagnosis and response to drugs, into the signalling pathways associated with cardiopulmonary physiopathology, and into the action of drugs used in the treatment of cardiopulmonary diseases. To this end, classical molecular biology techniques (Western blot, ELISA, etc.), and 2DE proteomics and mass spectrometry are used. The second line of research focuses on the study of genetic alterations associated with sudden death in sport, and genetic polymorphisms associated with nutrition and physical exercise potentially related to the risk of respiratory, cardiovascular and metabolic diseases.

Scientific production

28

Nº of papers (WoS)

82% (23)

% Open Access (Nº)

21

Nº of papers JCR indexed

81% (17)

% Citable Items (Nº)

24% (4)

Q1 (citable items)

75.10

Cumulative IF

4.42

Average IF

Selected Publications

RODRIGUEZ HERMOSA, JUAN LUIS, VARGAS CENTANARO, GIANNA, Castro, Maria Estela Gonzalez, Miravittles, Marc, Lazaro-Asegurado, Lourdes, Jimenez-Rodriguez, Beatriz Maria, Rodriguez, Rosanel Amaro, Mendez, Rosaly Moreno, Torres-Duran, Maria, Hernandez-Perez, Jose Maria, Humanes-Navarro, Ana Maria, CALLE RUBIO, MYRIAM. Severe COVID-19 Illness and a1-Antitrypsin Deficiency: COVID-AATD Study. *Biomedicines*. 2023. 11 (2):- . DOI: 10.3390/biomedicines11020516. IF: 4,7. (Q1).

CALLE RUBIO, MYRIAM, Lopez-Campos, Jose Luis, Miravittles, Marc, Cataluna, Juan Jose Soler, Navarrete, Bernardino Alcazar, FUENTES FERRER, MANUEL ENRIQUE, RODRIGUEZ HERMOSA, JUAN LUIS. Variations in Chronic Obstructive Pulmonary Disease Outpatient Care in Respiratory Clinics: Results From the 2021 EPOCONSUL Audit. *Arch. Bronconeumol*. 2023. 59 (5):295-304. DOI: 10.1016/j.arbres.2023.02.004. IF: 8. (Q1).

CALLE RUBIO, MYRIAM, Miravittles, Marc, Lopez-Campos, Jose Luis, Navarrete, Bernardino Alcazar, Cataluna, Juan Jose Soler, Ferrer, Manuel E. Fuentes, RODRIGUEZ HERMOSA, JUAN LUIS. Inhaled Maintenance Therapy in the Follow-Up of COPD in Outpatient Respiratory Clinics. Factors Related to Inhaled Corticosteroid Use. *EPOCONSUL 2021 Audit. Arch. Bronconeumol*. 2023. 59 (11):725-735. DOI: 10.1016/j.arbres.2023.07.015. IF: 8. (Q1).

Doctorate Theses

Doctoral candidate: Gala Freixer Ballesteros. Thesis Title: INFLUENCIA DE POLIMORFISMOS ASOCIADOS A GUSTOS EN EL CONTROL DE IMC Y LA DIETA MEDITERRANEA EN UNA POBLACIÓN SANA. Director(s): José Javier Zamorano León, Khaoula Zekri Nechar. University: UCM.

New Competitive Funding

ISCS-ES-00002. POTENTIAL EFFECTS OF VERICIGUAT ON INFLAMMATORY AND OXIDATIVE RESPONSE AS WELL AS ON MITOCHONDRIAL FUNCTIONALITY IN HUMAN ENDOCARDIAL MICROVASCULAR ENDOTHELIAL CELLS, MYOCYTE AND CARDIAC FIBROBLASTS FROM HUMAN HEART VENTRICLE. PI: JOSE JAVIER ZAMORANO LEÓN. Funding: BAYER AG.

New Non Competitive Funding

ECL.23/031. ACTIVE SEARCH FOR SEVERE EMPHYSEMA WITH PULMONARY HYPERINSUFLACION PULMONAR AS A TREATABLE FEATURE. PI: CALLE RUBIO, MYRIAM.

ECL.22/616. ESTUDIO EN FASE III, DE 52 SEMANAS, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE GRUPOS PARALELOS CON UNA EXTENSIÓN ABIERTA SOBRE LA EFICACIA Y SEGURIDAD DE BLU-5937 EN PARTICIPANTES ADULTOS CON TOS CRÓNICA REFRACTARIA, INCLUIDA TOS CRÓNICA INEXPLICADA (CALM-1). A PHASE 3, 52, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-ARM EFFICACY AND SAFETY STUDY WITH OPEN-LABEL EXTENSION OF BLU-5937 IN ADULT PARTICIPANTS WITH REFRACTORY CHRONIC COUGH, INCLUDING UNEXPLAINED CHRONIC COUGH (CALM-1). PI: RODRIGUEZ HERMOSA, JUAN LUIS.

ECL.23/357. REGISTRO NACIONAL DE ANTIBIÓTICOS INHALADOS EN PATOLOGÍA CRÓNICA DE LA VÍA AÉREA. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

C.I. 23/069-O-M_NoSP. ADECUACIÓN DE LA TERAPIA INHALADA RESPIRATORIA. PI: CALLE RUBIO, MYRIAM.

C.I. 23/046-E. ANÁLISIS DEL IMPACTO DE LA TELEMONITORIZACIÓN DOMICILIARIA DE PACIENTES CON ESCLEROSIS LATERAL AMIOTROFICA. PI: CALLE RUBIO, MYRIAM.

Visiting Researcher

Visiting researcher: Humberto Pablo Lara Vega. Country of origin: MEXICO. Center: Hospital México, Caja Costarricense de Seguro Social. Project: Evaluación de técnicas de broncoscopia intervencionista.

Visiting researcher: Sofía Barragán Vázquez del Mercado. Country of origin: MEXICO. Center: Center for Nutrition and Health Research, Instituto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico. Project: Sleep disorders and their association with abdominal circumference and total fat mass of adolescents aged 11-13 years in a birth cohort in Mexico.

CV.7

Valvular Pathology and Large Vessels

Leading researcher

Isidre Vilacosta

Members

Carmen Olmos Blanco

Luis Carlos Maroto Castellanos

Lourdes Montero Cruces



Overview

In 1996, a multicenter group (H. Clinical, H. H. U. of Valladolid and Princess) for the study of endocarditis was created. Since then, the group, together with the important contribution of the Clinical Microbiology Service and Cardiac Surgery, manages a database including 900 patients suffering from this serious infectious valvular disease. Numerous publications in national and international journals, as well as a FIS grant to further study this disease, have resulted from this collaboration and hard work: The ENDOVAL project. In this area we are specifically investigating the following aspects: the diagnostic yield of echocardiography, factors of poor prognosis of the disease, and the adequacy of surgery among others.

The group also works together with the Cardiac Surgery Service, and is pioneer on the acute aortic syndrome and the ascending aortic aneurysms. Upon definition of these features by the group in 2001, the different elements that conform the acute aortic pathology are known as the acute aortic syndrome (AAS).

Scientific production

31

Nº of papers
(WoS)

42% (13)

% Open
Access (Nº)

26

Nº of papers
JCR indexed

42% (11)

% Citable
Items (Nº)

36% (4)

Q1 (citable items)

18% (2)

D1 (citable items)

91.80

Cumulative IF

8.35

Average IF

Selected Publications

MONTERO CRUCES, LOURDES, Carnero Alcazar, Manuel, Perez Camargo, Daniel, Cobiella Carnicer, Javier, Campelos Fernandez, Paula, Jose Reguillo Lacruz, Fernando, MAROTO CASTELLANOS, LUIS CARLOS. 5-Year haemodynamic performance of three aortic bioprostheses. A randomized clinical trial. *Eur. J. Cardio-Thorac. Surg.* 2023. 64 (2):- DOI: 10.1093/ejcts/ezad261. IF: 3,4. (Q1).

San Roman, J. Alberto, Ybarra-Falcon, Cristina, Garcia-Gomez, Mario, Ramos, Noemi, Amat-Santos, Ignacio J., Sevilla, Teresa, Revilla, Ana, Carrasco-Moraleja, Manuel, Lopez, Javier, Cabezon, Gonzalo, Rollan, Maria Jesus, VILACOSTA, ISIDRE. Recurrence of syncope after valve replacement in severe aortic stenosis. *Heart.* 2023. 109 (21):1631-1638. DOI: 10.1136/heartjnl-2023-322859. IF: 5,7. (Q2).

Sambola, Antonia, Lozano-Torres, Jordi, Boersma, Eric, OLMOS BLANCO, CARMEN, Ternacle, Julien, Calvo, Francisco, Tribouilloy, Christophe, Reskovic-Luksic, Vlatka, Separovic-Hanzevacki, Jadranka, Park, Seung-Woo, Bekkers, Sebastiaan, Chan, Kwan-Leung, Almaghraby, Abdallah, lung, Bernard, Lancellotti, Patrizio, Habib, Gilbert, ESC EORP EURO-ENDO Registry . Predictors of embolism and death in left-sided infective endocarditis: the European Society of Cardiology EURObservational Research Programme European Infective Endocarditis registry. *Eur. Heart J.* 2023. 44 (43):4566-4575. DOI: 10.1093/eurheartj/ehad507. IF: 39,3. (D1).

Clinical Practice Guidelines

Regueiro, Ander, Alperi, Alberto, Vilalta, Victoria, Asmarats, Luis, Baz, Jose Antonio, NOMBELA FRANCO, LUIS, Calabuig, Alvaro, Munoz-Garcia, Antonio, Sabate, Manel, Moris, Cesar, Picard-Deland, Maxime, Pelletier-Beaumont, Emilie, Rodes-Cabau, . Safety and Efficacy of TAVR With a Pressure Sensor and Pacing Guidewire SAFE-TAVI Trial. *JACC-CARDIOVASCULAR INTERVENTIONS.* 2023. ELSEVIER SCIENCE INC. 10.1016/j.jcin.2023.10.035.

CV.8

Translational Research in Acute Myocardial Syndromes (INTEGRA)

Leading researcher

Antonio Ignacio Fernández Ortiz

Members

Ana Viana Tejedor

Carlos Felipe Ferrera Durán

Francisco Javier Noriega Sanz

Iván Javier Núñez Gil

Javier Higuera Nafria

Luis David Vivas Balcones

María Esther Bernardo García

Molly Anna March

Silvia Mera González



Overview

The group is formed by cardiologists (Antonio Fernández-Ortiz, Iván Núñez-Gil, David Vivas, Ana Viana, Javier Nogueira and Javier Higuera) and biologists (Esther Bernardo). Health care work is integrated into the Coronary Care Unit, the hospital facility and the hemodynamic rooms. The group has common research facilities at the Cardiovascular Institute. Over the last years, the group has focused on the study of platelet/leucocyte reactivity in patients with ischemic heart disease. Clinical aspects of transient apical dyskinesia have also been studied, and a research line on the ischemia-reperfusion myocardial injury has been opened in close collaboration with CNIC. Relevant publications in the last 5 years include 3 articles in JACC, 2 in Diabetes, 2 in Heart, 3 in the AJC, and 5 in REC. The group is involved in numerous multicenter clinical trials and has Competitive Funding from official calls (FIS, FIC, CNIC, SEC, MM).

Scientific production

54

Nº of papers (WoS)

52% (28)

% Open Access (Nº)

46

Nº of papers JCR indexed

83% (38)

% Citable Items (Nº)

26% (10)

Q1 (citable items)

8% (3)

D1 (citable items)

221.50

Cumulative IF

5.83

Average IF

Selected Publications

Sanchez-Cabo, Fatima, Fuster, Valentin, Silla-Castro, Juan Carlos, Gonzalez, Gema, Lorenzo-Vivas, Erika, Alvarez, Rebeca, Callejas, Sergio, Benguria, Alberto, Gil, Eduardo, Nunez, Estefania, Oliva, Belen, Mendiguren, Jose Maria, Cortes-Canteli, Marta, Bueno, Hector, Andres, Vicente, Ordovas, Jose Maria, Fernandez-Friera, Leticia, Quesada, Antonio J., Garcia, Jose Manuel, Rossello, Xavier, Vazquez, Jesus, Dopazo, Ana, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, IBÁÑEZ CABEZA, BORJA, Fuster, Jose Javier, Lara-Pezzi, Enrique. Subclinical atherosclerosis and accelerated epigenetic age mediated by inflammation: a multi-omics study. Eur. Heart J. 2023. 44 (29):2698-. DOI: 10.1093/eurheartj/ehad361. IF: 39,3. (D1).

VIANA TEJEDOR, ANA, Andrea-Riba, Rut, Scardino, Claudia, Ariza-Sole, Albert, Baneras, Jordi, Garcia-Garcia, Cosme, Mena, Manuel Jimenez, Vila, Monserrat, Martinez-Selles, Manuel, Pastor, Gemma, Acuna, JoseMaria Garcia, Loma-Orsorio, Pablo, Rubira, Juan Carlos Garcia, Perez, Pablo Jorge, Pastor, Pablo, FERRERA DURAN, CARLOS FELIPE, NORIEGA SANZ, FRANCISCO JAVIER, Macias, Natalia Perez, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, Ensayo Clín COUPE, Ensayo Clín C. O. U. P. E. . Coronary angiography in patients without ST-segment elevation following out-of-hospital cardiac arrest. COUPE clinical trial. Rev. Esp. Cardiol. 2023. 76 (2):94-102. DOI: 10.1016/j.recesp.2022.05.004. IF: 5,9. (Q1).

VIVAS BALCONES, LUIS DAVID, Anguita-Gamez, Maria, Ferrandis, Raquel, Esteve-Pastor, Maria Asuncion, Echeverri, Marysol, Igualada, Jesus, Anguita, Manuel, Egocheaga, Isabel, Nozal-Mateo, Beatriz, Abad-Motos, Ane, Figuero, Elena, Bouzo-Molina, Nuria, Lozano, Teresa, Alvarez-Ortega, Carlos, Torres, Javier, Descalzo, Maria Jose, Catala, Juan Carlos, Martin-Rioboo, Enrique, Molines, Alejandra, Rodriguez-Contreras, Rocio, Carnero-Alcazar, Manuel, Marind, Francisco, REQXAA Study Investigators. Prospective observational registry of perioperative and periprocedural management of antithrombotic therapy in "real world": the REQXAA study. Rev. Esp. Cardiol. 2023. 76 (9):729-738. DOI: 10.1016/j.rec.2023.03.003. IF: 5,9. (Q1).

Clinical Practice Guidelines

Cormican, Daniel S., Khalif, Adnan, McHugh, Stephen, Dalia, Adam A., Drennen, Zachary, NÚÑEZ GIL, IVÁN JAVIER, Ramakrishna, Harish. Analysis of the Updated ACC/AHA Coronary Revascularization Guidelines With Implications for Cardiovascular Anesthesiologists and Intensivists. JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA. 2023. W B SAUNDERS CO-ELSEVIER INC. 10.1053/j.jvca.2022.09.088.

Welker, Carson C., Huang, Jeffrey, Khromava, Maryna, Boswell, Michael R., NÚÑEZ GIL, IVÁN JAVIER, Ramakrishna, Harish. Analysis of the 2021 European Society of Cardiology/European Association for Cardio-Thoracic Surgery Guidelines for the Management of Valvular Heart Disease. JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA. 2023. W B SAUNDERS CO-ELSEVIER INC. 10.1053/j.jvca.2023.01.008.

New Competitive Funding

ACS 70033093. Estudio de Fase III, aleatorizado, doble ciego, controlado con placebo y motivado por los acontecimientos para demostrar la eficacia y la seguridad de milvexian, un inhibidor oral del factor Xla, después de padecer un Síndrome Coronario Agudo reciente. PI: FERNÁNDEZ ORTIZ ANTONIO IGNACIO.

New Non Competitive Funding

ECL.22/573. COMBINED ISCHEMIA AND VULNERABLE PLAQUE PERCUTANEOUS INTERVENTION TO REDUCE CARDIOVASCULAR EVENTS. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.22/573. COMBINED ISCHEMIA AND VULNERABLE PLAQUE PERCUTANEOUS INTERVENTION TO REDUCE CARDIOVASCULAR EVENTS. PI: NÚÑEZ GIL, IVÁN JAVIER.

ECL.23/063. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y MOTIVADO POR LOS ACONTECIMIENTOS PARA DEMOSTRAR LA EFICACIA Y SEGURIDAD DE MILVEXIAN, UN INHIBIDOR ORAL DEL FACTOR XIA, DESPUÉS DE PADECER UN SÍN-

DROME CORONARIO AGUDO RECIENTE A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, EVENT-DRIVEN STUDY TO DEMONSTRATE THE EFFICACY AND SAFETY OF MILVEXIAN, AN ORAL FACTOR XIA INHIBITOR, AFTER A RECENT ACUTE CORONARY SYNDROME. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

CV.10

Myocardial Regeneration Therapy

Leading researcher

Pilar Jiménez Quevedo

Members

Gabriela Tirado Conte

Luis Nombela Franco

María Aranzazu Ortega Pozzi



Overview

The advanced therapies for cardiac regeneration and cardiac structural pathology group at Hospital San Carlos consist of cardiologists and cell biologists (4 professionals in total). The team aims to accomplish clinical and translational research in advanced cardiac pathologies. On the one hand. The group members are experts on the procurement, isolation and administration of stem cells into the heart in patients without other therapeutic options. But it has also specialized in new percutaneous intracardiac devices for the treatment of valvular heart disease or heart failure. The ultimate goal is to improve symptoms and prognosis in patients presenting high morbidity and mortality. The members of the group are experts in the cell therapy field and in the percutaneous treatment of valvular heart disease and have broad experience in development of randomized clinical trials.

Scientific production

51

Nº of papers (WoS)

31% (16)

% Open Access (Nº)

47

Nº of papers JCR indexed

66% (31)

% Citable Items (Nº)

48% (15)

Q1 (citable items)

23% (7)

D1 (citable items)

220.30

Cumulative IF

7.11

Average IF

Selected Publications

TIRADO CONTE, GABRIELA, Rodas-Cabau, Josep, Oteo, Juan F., Pan, Manuel, Munoz, Erika, Witberg, Guy, Cheema, Asim, Alpiéri, Alberto, Lopez, Diego, Amat-Santos, Ignacio, Akodad, Mariama, Ojeda, Soledad, Serra, Vicenc, Garcia-Blas, Sergio, Alfonso, Fernando, De Backer, Ole, Asmarats, Luis, Munoz, Antonio, Hamdan, Ashraf, Toggweiler, Stefan, del Valle, Raquel, Salido, Luisa, Cruz-Gonzalez, Ignacio, Estevez-Loureiro, Rodrigo, Alfaro, Luis Enrique Martin, Gheorghe, Livia, Dabrowski, Maciec, Berenguer, Alberto, Arzamendi, Dabit, Saia, Francesco, Webb, John, Sondergaard, Lars, NOMBELA FRANCO, LUIS. Transcatheter aortic valve implantation in patients with extra- small aortic annuli. Eurointervention. 2023. 19 (4):340-. DOI: 10.4244/EIJ-D-23-00011. IF: 6,2. (Q1).

Mcinerney, Angela, Marquez, Maria Garcia, TIRADO CONTE, GABRIELA, Bernal, Joseluis, Fernandez-Perez, Cristina, JIMÉNEZ QUEVEDO, PILAR, GONZALO LÓPEZ, MARÍA NIEVES, NÚÑEZ GIL, IVÁN JAVIER, del Prado, Nayade, ESCANED BARBOSA, JAVIER, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, Elola, Javier, NOMBELA FRANCO, LUIS. In-hospital outcomes following percutaneous versus surgical intervention in the treatment of aortic stenosis and concomitant coronary artery disease. Rev. Esp. Cardiol. 2023. 76 (8):600-608. DOI: 10.1016/j.rec.2022.12.011. IF: 5,9. (Q1).

Landes, Uri, Hochstadt, Aviram, Manevich, Lisa, Webb, John G., Sathanathan, Janarthanan, Sievert, Horst, Piayda, Kerstin, Leon, Martin B., Nazif, Tamim M., Blusztajn, David, Hildick-Smith, David, Pavitt, Chris, Thiele, Holger, Abdel-Wahab, Mohamed, Van Mieghem, Nicolas M., Adrichem, Rik, Sondergaard, Lars, De Backer, Ole, Makkar, Raj R., Koren, Ofir, Pilgrim, Thomas, Okuno, Taishi, Kornowski, Ran, Codner, Pablo, Finkelstein, Ariel, Loewenstein, Itamar, Barbash, Israel, Sharon, Amir, De Marco, Federico, Montorfano, Matteo, Buzzatti, Nicola, Latib, Azeem, Scotti, Andrea, Kim, Won-Keun, Hamm, Christian, NOMBELA FRANCO, LUIS, Mangieri, Antonio, Schoels, Wolfgang H., Barbanti, Marco, Bunc, Matjaz, Akodad, Myriama, Rubinshtein, Ronen, Danenberg, Haim . Treatment of late paravalvular regurgitation after transcatheter aortic valve implantation: prognostic implications. Eur. Heart J. 2023. 44 (15):1331-1339. DOI: 10.1093/eurheartj/ehad146. IF: 39,3. (D1).

New Non Competitive Funding

ECL.22/573. COMBINED ISCHEMIA AND VULNERABLE PLAQUE PERCUTANEOUS INTERVENTION TO REDUCE CARDIOVASCULAR EVENTS. PI: NOMBELA FRANCO, LUIS; JIMÉNEZ QUEVEDO, PILAR.

ECL.21/393. ESTUDIO OBSERVACIONAL POSTERIOR A LA COMERCIALIZACIÓN EN LA UE DE SAPIEN 3 ULTRA PARA EVALUAR LOS RESULTADOS EN EL MUNDO REAL DEL SISTEMA DE VÁLVULA CARDÍACA TRANSCATÉTER (THV) SAPIEN 3 ULTRA EN CENTROS DE IMPLANTACIÓN DE VÁLVULAS AÓRTICAS TRANSCATÉTER (TAVI) QUE ESTÁN IMPLEMENTANDO PRÁCTICAS PERIOPERATORIAS MINIMALISTAS Y FACILITANDO EL ALTA TEMPRANA. PI: NOMBELA FRANCO, LUIS.

ECL.23/323. ESTUDIO PIVOTAL/DE VIABILIDAD DE PRIMERA APLICACIÓN EN SERES HUMANOS (PASH) EN DOS FASES DEL SISTEMA AUTOEXPANDIBLE DE VÁLVULA AÓRTICA VIENNA VIVA - A TWO-STAGE FIRST IN HUMAN (FIH) FEASIBILITY/PIVOTAL STUDY OF THE VIENNA AORTIC VALVE SE SYSTEM A TWO -STAGE FIRST IN HUMAN (FIH) FEASIBILITY / PIVOTAL STUDY OF THE VIENNA AORTIC VALVE SE SYSTEM. PI: NOMBELA FRANCO, LUIS.

ECL.23/542. EVALUACIÓN DE LOS RESULTADOS CLÍNICOS DE LOS PACIENTES A QUIENES SE LES REALIZA OTRO PROCEDIMIENTO DE TAVI; REGISTRO DE OBSERVACIÓN, PROSPECTIVO, MULTICÉNTRICO. EVALUATION OF CLINICAL OUTCOMES OF PATIENTS UNDERGOING A REDO-TAVI PROCEDURE A MULTICENTER PROSPECTIVE OBSERVATIONAL REGISTRY - THE RETAVI PROSPECTIVE OBSERVATIONAL REGISTRY. PI: NOMBELA FRANCO, LUIS.

ECL.21/273. INVESTIGACIÓN CLÍNICA VANTAGE: EVALUACIÓN DE TAVR UTILIZANDO LA VÁLVULA NAVITOR EN UNA INVESTIGACIÓN GLOBAL. Evaluation of TAVR using the NAVITOR valve in a Global Investigation. PI: NOMBELA FRANCO, LUIS.

ECL.23/191. INVESTIGACIÓN DE LA SEGURIDAD Y RENDIMIENTO DEL SISTEMA NVT ALLEGRA THV CON UN NUEVO SISTEMA DE COLOCACIÓN EN PACIENTES CON ESTENOSIS AÓRTICA CALCIFICADA GRAVE O BIOPRÓTESIS AÓRTICA QUIRÚRGICA FALLIDA (EMPIRE) INVESTIGATION OF THE SAFETY AND PERFORMANCE OF THE NVT ALLEGRA THV SYSTEM WITH A NEW DELIVERY SYSTEM IN PATIENTS WITH SEVERE CALCIFIED AORTIC STENOSIS OR FAILED SURGICAL AORTIC BIOPROSTHESIS. PI: JIMÉNEZ QUEVEDO, PILAR.

Mobility of researcher

Research mobility: Gabriela Tirado conpte. Country: Copenague. Center: Rigshospitalet. Date of departure: january-23. Return date: october-23.

CV.11

Cardiovascular Risk

Leading researchers

Nieves Martell Claros

Dulcenombre Gómez Garre

Members

Adriana Ortega Hernández

Jose María Pedrajas Navas

Ana María García Ruiz

Leonardo Félix Reinares García

Angel Manuel Molino Gonzalez

Manuel Méndez Bailón

Ángel Nieto Sánchez

María Abad Cardiel

Arantzazu Álvarez De Arcaya Vicente

Matilde Rodríguez Cerrillo

Aránzazu Barbero Pedraz

Natalia De Las Heras Jiménez

Arturo Corbatón Anchuelo

Rafael Borge García

Javier Marco Martínez

Sandra Ballesteros Rodríguez

Javier Modrego Martín

Silvia Sánchez González

Jose Antonio García Donaire

Victoria Laguna Calle

ciber | CV

ciber | DEM



Overview

The group has always focused on clinical and experimental research in the field of Cardiovascular Prevention. It began by utilizing healthcare techniques for the assessment, diagnosis, and monitoring of significant risk factors, such as hypertension, diabetes, dyslipidemia, and obesity. A considerable number of researchers have been trained in our laboratory, resulting in the completion of 30 doctoral theses. Presently, several of these doctorate holders hold prominent positions in hospitals, universities, and private companies.

Scientific production

28

Nº of papers
(WoS)

68%(19)

% Open
Access (Nº)

24

Nº of papers
JCR indexed

79%(19)

% Citable
Items (Nº)

32%(6)

Q1 (citable items)

16%(3)

D1 (citable items)

122.80

Cumulative IF

6.46

Average IF

Selected Publications

Weinberg, Ido, Elgendy, Islam Y., Dicks, Andrew B., Marchena, Pablo J., Maly, Radovan, Francisco, Iria, PEDRAJAS NAVAS, JOSE MARÍA, Font, Carme, Hernandez-Blasco, Luis, Monreal, Manuel, PEDRAJAS NAVAS, JOSE MARÍA. Comparison of Presentation, Treatment, and Outcomes of Venous Thromboembolism in Long-Term Immobile Patients Based on Age. *J. Gen. Intern. Med.* 2023. 38 (8):1877-1886. DOI: 10.1007/s11606-023-08058-x. IF: 4,597. (D1).

MODREGO MARTIN, JAVIER, ORTEGA HERNÁNDEZ, ADRIANA, GOIRIGOLZARRI ARTAZA, JOSEBE, Restrepo-Cordoba, María Alejandra, Bauerl, Christine, Cortes-Macias, Erika, SÁNCHEZ GONZÁLEZ, SILVIA, Esteban-Fernandez, Alberto, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, Collado, María Carmen, GÓMEZ GARRE, DULCENOMBRE. Gut Microbiota and Derived Short-Chain Fatty Acids Are Linked to Evolution of Heart Failure Patients. *Int. J. Mol. Sci.* 2023. 24 (18). DOI: 10.3390/ijms241813892. IF: 5,6. (Q1).

LÓPEZ GARCÍA, LIDIA, Lorenzo-Villalba, Noel, Molina-Puente, Juan Igor, Kishta, Aladin, Sanchez-Sauce, Beatriz, Aguilar-Rodríguez, Fernando, Bernanbeu-Wittel, Maximo, Munoz-Rivas, Nuria, Soler-Rangel, Llanos, Fernandez-Carmena, Luis, Andres, Emmanuel, Deodati, Francesco, Trapiello-Valbuena, Francisco, Casasnovas-Rodríguez, Pilar, Lopez-Reboiro, Manuel Lorenzo, MENDEZ BAILON, MANUEL. Clinical Characteristics and Prognostic Impact of Short Physical Performance Battery in Hospitalized Patients with Acute Heart Failure-Results of the PROFUND-IC Registry. *J. Clin. Med.* 2023. 12 (18). DOI: 10.3390/jcm12185974. IF: 3,9. (Q2).

Clinical Practical Guidelines

Arrobas Velilla T, Guijarro C, Campuzano Ruiz R, Rodríguez Piñero M, Valderrama Marcos JF, Pérez Pérez A, Botana López MA, Morais López A, García Donaire JA, Obaya JC, Castilla Guerra L, Pallares Carratalá V, Egocheaga Cabello I, Salgueira Lazo M, Castellanos Rodrigo MM, Mostaza Prieto JM, Gómez Doblas JJ, Buño Soto A; en representación del Grupo Multidisciplinar de Trabajo de Lípidos y Riesgo Vascular. Documento de consenso para la determinación e informe del perfil lipídico en laboratorios clínicos españoles ~ ¿Qué parámetros debe incluir un perfil lipídico básico?. Sociedad Española de Medicina de Laboratorio (SEQML), Sociedad Española de Arteriosclerosis (SEA), Sociedad Española de Cardiología (SEC), Sociedad Española de Diabetes (SED), Sociedad Española de Endocrinología y Nutrición (SEEN), Sociedad Española de Hipertensión (SEHLEHA). 2023. Elsevier. <https://doi.org/10.1016/j.arteri.2022.10.002>.

New Competitive Funding

PI22/01608. Estudio del perfil lipídico, daño de órganos diana y composición de la microbiota intestinal en pacientes recuperados de una infección por SARS-CoV2. Implicaciones terapéuticas. PI: CORBATÓN ANCHUELO, ARTURO; MARTELL CLAROS, NIEVES. Funding: INSTITUTO DE SALUD CARLOS III.

DGG.SEA.23. PAPEL DE LA EXPOSICIÓN AMBIENTAL INTRAHOSPITALARIA SOBRE LA ARTERIOSCLEROSIS. INTERACCIÓN ENTRE LA MICROBIOTA INTESTINAL Y EL EXPOSOMA. PI: GÓMEZ GARRE, DULCENOMBRE; MODREGO MARTIN, JAVIERECL.

New Non Competitive Funding

ECL.22/543. ESTUDIO DE BÚSQUEDA DE DOSIS MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y DE GRUPOS PARALELOS DE 20 SEMANAS DE DURACIÓN PARA EVALUAR LA EFICACIA, LA SEGURIDAD Y LA TOLERABILIDAD DE XXB750 EN PACIENTES CON HIPERTENSIÓN RESISTENTE A MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND, PARALLEL-GROUP, 20-WEEK DOSE-FINDING STUDY TO EVALUATE EFFICACY, SAFETY, AND TOLERABILITY OF XXB750 IN PATIENTS WITH RESISTANT HYPERTENSION. PI: GARCIA DONAIRE, JOSE ANTONIO.

ECL.22/635. ESTUDIO DEL PERFIL LIPÍDICO, DAÑO DE ÓRGANOS DIANA Y COMPOSICIÓN DE LA MICROBIOTA INTESTINAL EN PACIENTES RECUPERADOS DE UNA INFECCIÓN POR SARS-COV2. IMPLICACIONES TERAPÉUTICAS. PI: CORBATÓN ANCHUELO, ARTURO.

Technology Transfer

Spanish patent: Composición farmacéutica para el tratamiento de enfermedades cardiovasculares: Inventors: María Dulcenombre; Gómez Garre.

Visiting Researcher

Visiting researcher: Juan Vicente Valor. Country of origin: España. Center: Universidad Complutense de Madrid. Project: Relación microbiota intestinal y cáncer de pulmón.

IN FLA MMA TI ON

INFLAMMATION,
INFECTION, IMMUNITY
AND ALLERGY AREA (IIA)

INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY (IIA)

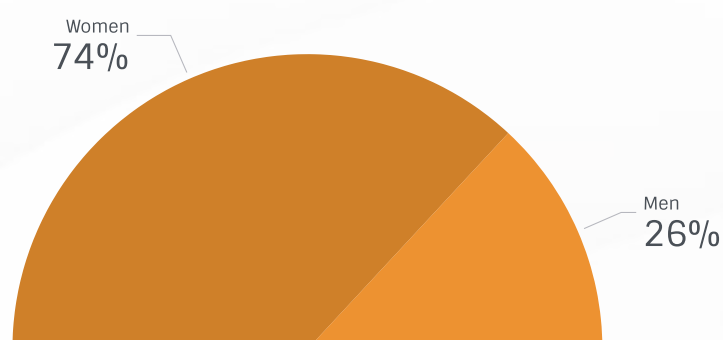
Groups

- IIIA.1 Allergy
- IIIA.2 Genetics and molecular bases of complex diseases
- IIIA.3 Musculoskeletal Pathology
- IIIA.7 Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest
- IIIA.8 Kidney Diseases and Renal Function Replacement Therapy (Dialysis and Transplantation)
- IIIA.9 Infectious Diseases/HIV
- IIIA.10 Research on INA Infectious Disease
- IIIA.12 Immunology

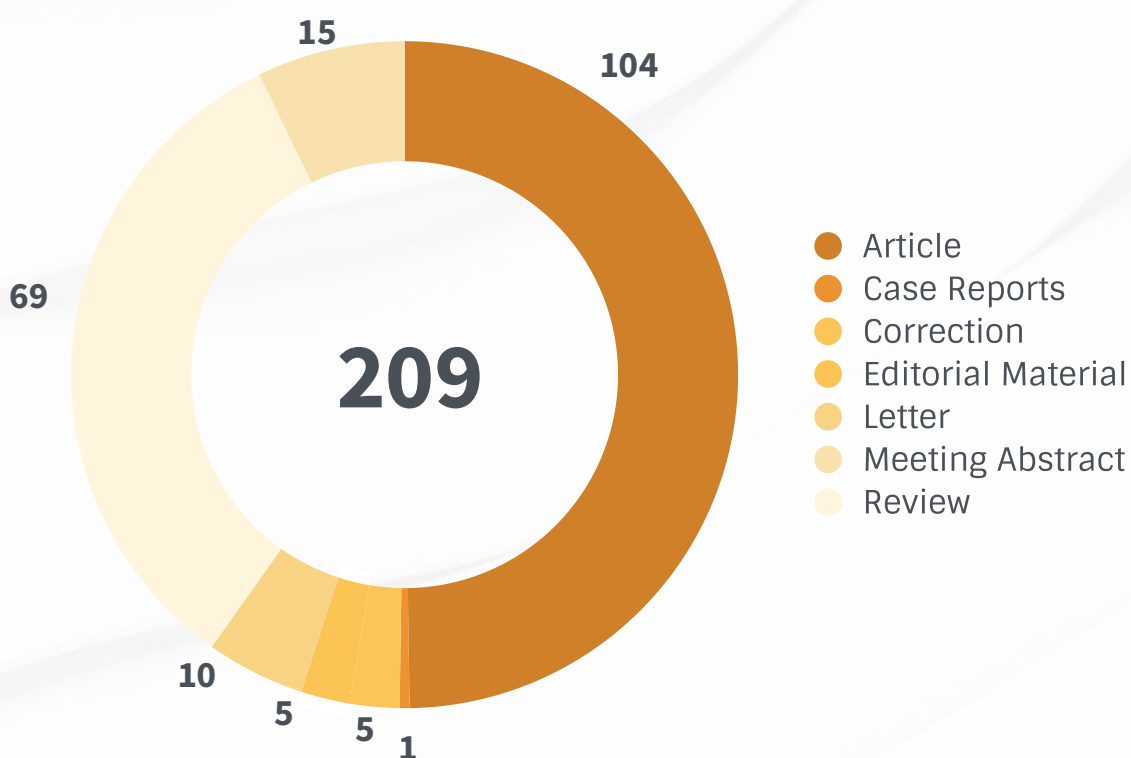
Annual Goals



Accumulated total professionals in the area



Scientific production



Top 5 journals with the highest publication rate

During 2023, the Inflammation, Infection, Immunity and Allergy area's researchers have published in a total of 89 different journals. The top 5 journals where they publish the most are shown below. It represents the 32.53% of the scientific production of this area. Two journals are in the Top 5 in their WoS category.

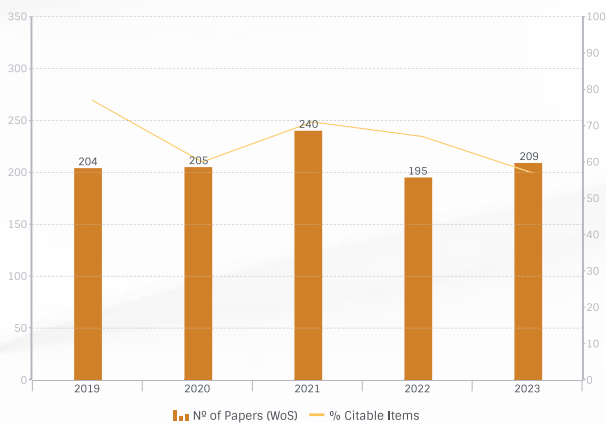
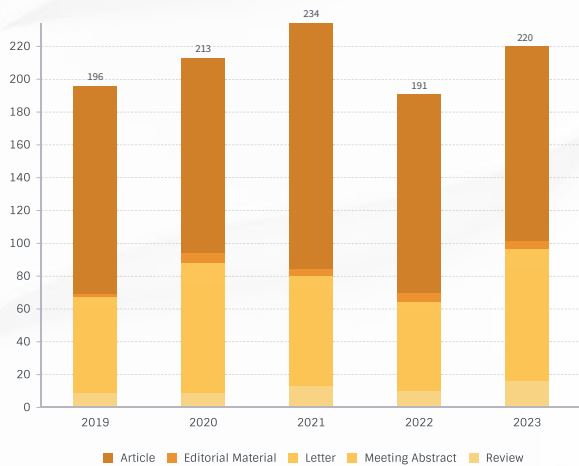
JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
ANNALS OF THE RHEUMATIC DISEASES	18	Q1 (2/57)	RHEUMATOLOGY	5.726	5.09	18.8
MULTIPLE SCLEROSIS JOURNAL	18	Q1(38/277)	CLINICAL NEUROLOGY	1.572	1.30	4.3
FRONTIERS IN IMMUNOLOGY	11	Q1 (38/181)	IMMUNOLOGY	1.690	0.95	5.2
Nefrologia	11	Q2 (61/126)	UROLOGY & NEPHROLOGY	0.464	0.63	1.7
Allergy	10	Q1 (1/39)	ALLERGY	3.054	2.14	11.3

Selected 5 publications

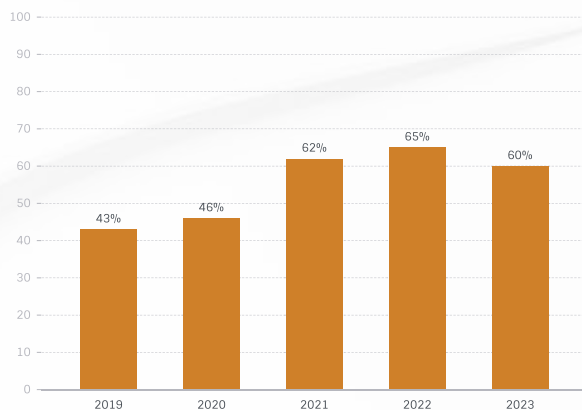
1. Kallen, E. J. J. , Revers, A. , FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Asero, R. , Ballmer-Weber, B. , BARREALES TOLOSA, LAURA, Belohlavkova, S. , de Blay, F. , Clausen, M. , Dubakiene, R. , Ebisawa, M. , FERNÁNDEZ PÉREZ, CRISTINA, Fritsche, P. , Fukutomi, Y. , Gislason, D. , Hoffmann-Sommergruber, K. , Jedrzejczak-Czechowicz, M. , Knulst, A. C. , Kowalski, M. L. , Kralimarkova, T. , Lidholm, J. , Metzler, C. , Mills, E. N. C. , Papadopoulos, N. G. , Popov, T. A. , Purohit, A. , REIG-RINCÓN DE ARELLANO, ISABEL, Seneviratne, S. L. , Sinanotis, A. , Takei, M. , Versteeg, S. A. , Vassilopoulou, A. E. , Vieths, S. , Welsing, P. M. J. , Zwinderman, A. H. , Le, T. M. , Van Ree, R. . A European-Japanese study on peach allergy: IgE to Pru p 7 associates with severity. *Allergy*. 2023. 78 (9):2497-2509. DOI: 10.1111/all.15783. IF: 12,4. (D1).
2. Compagnucci, Alexandra, Chan, Man K. , Saidi, Yacine, Cressey, Tim R. , Bamford, Alasdair, Riault, Yoann, Coelho, Alexandra, Nolan, Aoife , Chalermpanmetagul, Suwalai , Morkunaite, Gabija , Amuge, Pauline , Musiime, Victor , Violar, Avy , Cotton, Mark , Kekitiinwa, Adeodata R. , Kaudha, Elizabeth , Groenewald, Marisa , Liberty, Afaaf A. , Kanjanavanit, Suparat , Volokha, Alla , Bologna, Rosa , Ruz, Noris Pavia , Tato, Luis Prieto , Paioni, Paolo , Marques, Laura , Reliquet, Veronique , Niehues, Tim , Welch, Steven B. , Ford, Deborah , Giaquinto, Carlo , Gibb, Diana M. , Babiker, Abdel , RAMOS AMADOR, JOSE TOMAS, SMILE-PENTA17-ANRS 152 Trial Grp . Nucleoside/nucleotide reverse transcriptase inhibitor sparing regimen with once daily integrase inhibitor plus boosted darunavir is non-inferior to standard of care in virologically- suppressed children and adolescents living with HIV-Week 48 results of the randomised SMILE Penta-17-ANRS 152 clinical trial. *EclinicalMedicine*. 2023. 60 (-):-. DOI: 10.1016/j.eclinm.2023.102025. IF: 15,1. (D1).
3. Garcia-Solis, Blanca , Van Den Rym, Ana Den , Martinez-Martinez, Laura , Franco, Teresa , Perez-Caraballo, Jareb J. , Markle, Janet , Cubillos-Zapata, Carolina , Marin, Ana , Recio, Maria J. , Regueiro, Jose R. , Navarro-Zapata, Alfonso , Mestre-Duran, Carmen , Ferreras, Cristina , Cotazar, Carla Martin , Mena, Rocio , de la Calle-Fabregat, Carlos , Lopez-Lera, Alberto , Arquero, Miguel Fernandez , Perez-Martinez, Antonio , Lopez-Collazo, Eduardo , SÁNCHEZ RAMÓN, SILVIA, Casanova, Jean-Laurent , Martinez-Barricarte, Ruben , de la Calle-Martin, Oscar , de Diego, Rebeca Perez . Inherited human ezrin deficiency impairs adaptive immunity. *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*. 2023. 152 (4):997-. DOI: 10.1016/j.jaci.2023.05.022. IF: 14,2. (D1).
4. LEÓN MATEOS, LETICIA, MADRID GARCÍA, ALFREDO, Lopez-Viejo, Patricia , Gonzalez-Alvaro, Isidoro , Novella-Navarro, Marta , Freitas Nunez, Dalifer , Rosales, Zulema , FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, ABÁSALO ALCÁZAR, LYDIA. Difficult-to-treat rheumatoid arthritis (D2T RA): clinical issues at early stages of disease. *RMD Open*. 2023. 9 (1):- . DOI: 10.1136/rmdopen-2022-002842. IF: 6,2. (Q1).
5. Diaz-Garcia, Judith , Machado, Marina , Alcalá, Luis , Reigadas, Elena , Sanchez-Carrillo, Carlos , Perez-Ayala, Ana , de la Pedrosa, Elia Gomez-Garcia , GONZÁLEZ ROMO, FERNANDO, MERINO AMADOR, PALOMA, Cuetara, Maria Soledad , Garcia-Esteban, Coral , Quiles-Melero, Inmaculada , Zurita, Nelly Daniela , Munoz-Algarra, Maria , Duran-Valle, Maria Teresa , Martinez-Quintero, Gabriela Andrea , Sanchez-Garcia, Aida , Munoz, Patricia , Escribano, Pilar , Guinea, Jesus , CANDIMAD Study Grp . Antifungal resistance in Candida spp within the intra-abdominal cavity: study of resistance acquisition in patients with serial isolates. *CLINICAL MICROBIOLOGY AND INFECTION*. 2023. 29 (12):- . DOI: 10.1016/j.cmi.2023.08.021. IF: 14,2. (D1).

Scientific production (2019 - 2023)

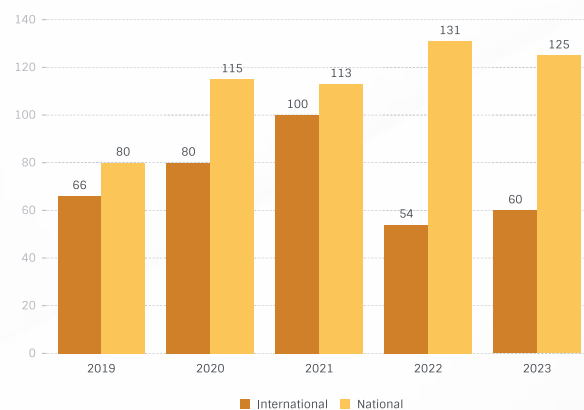
Evolution by type of documents



Percentage open access (citable items wos)



Type of collaboration



Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study	LANCET	1083	2020	Q1 (1/325)	MEDICINE, GENERAL & INTERNAL	38.943
Risk of HIV transmission through condomless sex in serodifferent gay couples with the HIV-positive partner taking suppressive antiretroviral therapy (PARTNER): final results of a multicentre, prospective, observational study	LANCET	1089	2019	Q1 (1/325)	MEDICINE, GENERAL & INTERNAL	38.943
Efficacy and safety of baricitinib for the treatment of hospitalised adults with COVID-19 (COV-BARRIER) : a randomised, double-blind, parallel-group, placebo- controlled phase 3 trial	LANCET RESPIRATORY MEDICINE	366	2021	Q1 (1/100)	RESPIRATORY SYSTEM	15.325
World allergy organization anaphylaxis guidance 2020	World Allergy Organization Journal	337	2020	Q2 (8/39)	ALLERGY	1.117
Coronavirus disease 2019 in patients with inborn errors of immunity: An international study	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	280	2021	Q1 (11/181)	IMMUNOLOGY	3.176

Activity



IIIA.1

Allergy

Leading researcher

María Montserrat Fernández Rivas

Members

Alejandro Gonzalo Fernández

Guadalupe Marco Martín

Leticia Sanchez Morillas

María Luisa González Gutiérrez

María Mar San Julián Esteban

Natalia Patricia Freundt Serpa

Nerea Marchan Pinedo

Rosialzira Natasha Vera Berrios

Sonia Vázquez Cortés

Teresa Robledo Echarren



Overview

The Allergy group is composed of researchers from different professional fields, being Dr. Montserrat Fernández Rivas the principal investigator. Food and drug allergies are the main research lines in which different aspects have been addressed in projects funded by national agencies (ISCIII, Ministry of Economy), the European Commission, and pharmaceutical companies.

Epidemiological studies have been performed in the general population, together with cross-sectional studies in outpatients, and longitudinal studies in two cohorts of milk and egg-allergic children. Diagnostic aspects have been addressed with the standardization of double-blind placebo-controlled oral challenged tests, as well as the diagnostic evaluation of skin, serological and molecular tests. For food safety aspects the group has worked in the establishment and validation of threshold doses to milk, egg, fish, hazelnut and walnut.

A severity score for food allergic reactions (FASS) has been developed for its application in clinical practice, and in epidemiological and interventional studies. A drug-related version of this score has been developed. With the use of these severity scores, identification and validation of predictive biomarkers are studied in a large national cohort of patients clinically well characterised in whom a multiomics approach has been performed to reveal the endotypes.

The safety and efficacy of oral immunotherapy (OIT) with milk, egg and peanut, and of subcutaneous immunotherapy with parvalbumin in fish allergy has being investigated, and milk and egg OIT introduced in the clinical practice. Similarly, safety and efficacy of drug-desensitization, especially to chemotherapy and biologicals, is under investigation, and implemented in the clinical practice.

The Allergy Group closely works with other HSCS groups (Epidemiology Unit, Clinical Pharmacology), with other medical departments of HSCS, and with Spanish and European clinical and basic groups for the development of these activities.

Scientific production

15

Nº of papers (WoS)

47%(7)

% Open Access (Nº)

15

Nº of papers JCR indexed

47%(7)

% Citable Items (Nº)

86%(6)

Q1 (citable items)

29%(2)

D1 (citable items)

63.10

Cumulative IF

9.01

Average IF

Selected Publications

Alonso-Díaz de Durana, M D, Perez-Fernandez, E, Villalba, M, Martin-Pedraza, L, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Allergy to cypress and olive pollen: Clinical phenotypes and allergen recognition. *J. Invest. Allergol. Clin. Immunol.* 2023. (I):- DOI: 10.18176/jiaci.0917. IF: 7,2. (Q1).

Kallen, E. J. J., Revers, A., FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Asero, R., Ballmer-Weber, B., BARREALES TOLOSA, LAURA, Belohlavkova, S., de Blay, F., Clausen, M., Dubakiene, R., Ebisawa, M., FERNÁNDEZ PÉREZ, CRISTINA, Fritsche, P., Fukutomi, Y., Gislason, D., Hoffmann-Sommergruber, K., Jedrzejczak-Czechowicz, M., Knulst, A. C., Kowalski, M. L., Kralimarkova, T., Lidholm, J., Metzler, C., Mills, E. N. C., Papadopoulos, N. G., Popov, T. A., Purohit, A., REIG-RINCÓN DE ARELLANO, ISABEL, Seneviratne, S. L., Sinaniotis, A., Takei, M., Versteeg, S. A., Vassilopoulou, A. E., Vieths, S., Welsing, P. M. J., Zwinerman, A. H., Le, T. M., Van Ree, R. A European-Japanese study on peach allergy: IgE to Pru p 7 associates with severity. *Allergy*. 2023. 78 (9):2497-2509. DOI: 10.1111/all.15783. IF: 12,4. (D1).

FREUNDT SERPA, NATALIA PATRICIA, Salas-Cassinello, M, GONZALO FERNÁNDEZ, ALEJANDRO, Marchan-Pinedo, N, Dona, I, SERRANO GARCÍA, IRENE, Humanes-Navarro, A M, Bogas, G, Labella, M, SANCHEZ MORILLAS, LETICIA, Torres, M J, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Deconstructing adverse reactions to Amoxicillin-Clavulanic Acid: the importance of time of onset. *J. Invest. Allergol. Clin. Immunol.* 2023. DOI: 10.18176/jiaci.0896. IF: 7,2. (Q1).

Awards

Researcher aware: Freundt-Serpa NP, Salas-Cassinello M, Gonzalo-Fernández A, Marchán-Pinedo N, Doña I, Serrano-García I, Humanes-Navarro AM, Bogas G, Labella M, Sánchez-Morillas L, Torres MJ, Fernández-Rivas M. Award: Seleccionado como "Gold Article" por el Comité Editorial del JIACI al considera el artículo de especial interés. Winning work: Deconstructing adverse reactions to Amoxicillin-Clavulanic Acid: the importance of time of onset. *J. Invest. Allergol. Clin. Immunol.* 2023 Feb 21:0. doi: 10.18176/jiaci.0896. Epub ahead of print. PMID: 36811840.

Clinical Practical Guidelines

Santos, Alexandra F., Riggioni, Carmen, Agache, Ioana, Akdis, Cezmi A., Akdis, Mubecce, Alvarez-Perea, Alberto, Alvaro-Lozano, Montserrat, Ballmer-Weber, Barbara, Barni, Simona, Beyer, Kirsten, Bindslev-Jensen, Carsten, Brough, Helen A., Buyuktiryaki, Betül, Chu, Derek, Del Giacco, Stefano, Dunn-Galvin, Audrey, Eberlein, Bernadette, Ebisawa, Motohiro, Eigenmann, Philippe, Eiwegger, Thomas, Fee-ney, Mary, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Fisher, Helen R., Fleischer, David M., Giovannini, Mattia, Gray, Claudia, Hoffmann-Sommergruber, Karin, Halken, Susanne, Hourihane, Jonathan O'B., Jones, Christina J., Jutel, Marek, Knol, Edward, Konstantinou, George N., Lack, Gideon, Lau, Susanne, Marques Mejias, Andreina, Marchisotto, Mary Jane, Meyer, Rosan, Mortz, Charlotte G., Moya, Beatriz, Muraro, Antonella, Nilsson, Caroline, Lopes de Oliveira, Lucila Camargo, O'Mahony, Liam, Papadopoulos, Nikolaos G., Perrett, Kirsten, Peters, Rachel L., Podesta, Marcia, Poulsen, Lars K., Roberts, Graham, Sampson, Hugh A., Schwarze, Juergen, Smith, Peter, Tham, Elizabeth Huiwen, Untersmayr, Eva, Van Ree, Ronald, Venter, Carina, Vickery, Brian P., Vlieg-Boerstra, Berber, Werfel, Thomas, Worm, Margitta, Du Toit, George, Skypala, Isabel. EAACI guidelines on the diagnosis of IgE-mediated food allergy. *Allergy*. 2023. WILEY-BLACKWELL. 10.1111/all.15902.

New Non Competitive Funding

ECL.20/140. Estimación de las necesidades de valoración alergológica urgente durante los ingresos hospitalarios en pacientes diagnosticados previamente de alergia a antibióticos. PI: SANCHEZ MORILLAS, LETICIA.

ECL.23/156. ESTUDIO DE EXTENSIÓN MULTICÉNTRICO, DOBLE CIEGO Y DE TRES AÑOS DE DURACIÓN EN EL QUE SE EVALÚAN LA SEGURIDAD Y LA EFICACIA A LARGO PLAZO DE LIGELIZUMAB EN PACIENTES QUE HAYAN COMPLETADO ESTUDIOS DE FASE III DE LIGELIZUMAB EN ALERGIA ALIMENTARIA. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT.

ECL.22/330. ESTUDIO DOBLE CIEGO PARA PARTICIPANTE E INVESTIGADOR DE UN MES DE DURACIÓN EN EL QUE SE EVALÚAN LA EFICACIA Y LA SEGURIDAD DE REMIBRUTINIB (LOU064) EN VARIOS NIVELES DE DOSIS EN PARTICIPANTES ADULTOS CON ALERGIA AL CACAHUETE. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT.

ECL.22/690. ESTUDIO OBSERVACIONAL, RETROSPECTIVO, MULTICÉNTRICO, PARA RECOGER DATOS EN VIDA REAL DE LA SEGURIDAD Y EFECTIVIDAD DE LA INMUNOTERAPIA CON ALÉRGENOS ADMINISTRADA EN LOS ÚLTIMOS 5 AÑOS A PACIENTES CON ASMA GRAVE. PI: ROBLEDO ECHARREN, TERESA.

23/272-E. Estudio del edema de úvula mediante provocación con vórtex: ¿es el edema de úvula un edema vibratorio?. PI: MARCO MARTIN, GUADALUPE (colaboradora).

23/273-E. Alergia al marisco: fenotipos según el área geográfica. PI: MARCO MARTIN, GUADALUPE (colaboradora).

Technology Transfer

National Patent: MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Nº: ES2530440. Date of granting: 10/12/15. Ownership: 35% FIBHCSC and 65% Fundación para la Investigación Biomédica del Hospital Universitario Ramón y Cajal. Inventor: Monserrat Fernandez Rivas and Mónica Rodríguez Alvarez.

European Patent: MÉTODO PARA EL PRONÓSTICO DE LA EFICACIA DE LA INMUNOTERAPIA ORAL PARA EL TRATAMIENTO DE LA ALERGIA A LAS PROTEÍNAS DE LECHE DE VACA. Ownership: 35% FIBHCSC 65% Fundación para la Investigación Biomédica del Hospital Universitario Ramón y Cajal. Nº. 18 161 582.4. Date of granting: 23/05/20. Allergy group. This patent was validated in 2020 in Germany, France, United Kingdom and Italy. Inventor: Monserrat Fernandez Rivas and Mónica Rodríguez Alvarez.

Visiting Researcher

Visiting researcher: Alicia Méndez Gómez. Country of origin: México. Center: Hospital de Especialidades Centro Médico Nacional de Occidente, Instituto Mexicano de Seguro Social de Guadalajara, Jalisco. (01/09/2023 – 31/10/2023).

Visiting researcher: Nayeli Servín Suárez. Country of origin: México. Center: Hospital de Especialidades Centro Médico Nacional de Occidente, Instituto Mexicano de Seguro Social de Guadalajara, Jalisco. (01/09/2023 – 31/10/2023).

Visiting researcher: Flor de Azalea Martínez Gutiérrez. Country of origin: México. Center: Hospital de Especialidades Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social, Ciudad de Mexico. (01/09/2023 – 31/10/2023).

Visiting researcher: Liliana Hoyos Domínguez. Country of origin: México. Center: Hospital de Especialidades Centro Médico Nacional Siglo XXI, Instituto Mexicano del Seguro Social, Ciudad de Mexico. (01/09/2023 – 31/10/2023).

IIIA.2

Genetics and molecular bases of complex diseases

Leading researchers

Elena Urcelay García

María Concepción Núñez Pardo de Vera

Members

Adela González Jiménez

Jorge Infante Menéndez

Andrea Raposo López-Pastor

Laura Espino Paisán

Carla Besada López

Lorena García Vasco

Celia Oreja Guevara

María Corzo Martínez

Clara González Gallego

Mercedes Rubio Martínez

Elda María Alba Suárez

Paula Salgado Cámara

Irene Gómez Estévez

Roberto Ruiz Cano

Irene Isabel Gómez Delgado

Sara Cabanillas Sanz

Johnny Adrián Quezada Sánchez

Sara Gómez Aguililla



Overview

Immune mediated diseases present etiologies not fully described at present. Our research group focuses on the discovery of the pathogenesis of complex conditions such as celiac disease or multiple sclerosis. The adequate diagnosis and treatment of these immune diseases are hampered by their huge clinical heterogeneity. Nowadays, it is accepted that their onset is triggered by diverse environmental factors operating in genetically susceptible individuals. Our group has contributed to the identification of the genetic profiles beneath these conditions, and it is now involved in the ascertainment of the impaired functions derived from these altered genetic architectures. Moreover, a better knowledge of the causes driving a disease would lead to define personalized therapies. Another specific interest of the group raises from diverse perspectives of health results and response to treatments: experimental therapies, adverse effects, vaccines...

The research group maintains both, intramural and international collaborations, and benefits from the multidisciplinary nature of its members.

Scientific production

50

Nº of papers (WoS)

44% (22)

% Open Access (Nº)

48

Nº of papers JCR indexed

48% (23)

% Citable Items (Nº)

52% (12)

Q1 (citable items)

13% (3)

D1 (citable items)

123.23

Cumulative IF

5.36

Average IF

Selected Publications

Pozzilli, Carlo, Pugliatti, Maura, Vermersch, Patrick, Grigoriadis, Nikolaos, Alkhawajah, Mona, Airas, Laura, OREJA GUEVARA, CELIA. Diagnosis and treatment of progressive multiple sclerosis: A position paper. Eur. J. Neurol. 2023. 30 (1):9-21. DOI: 10.1111/ene.15593. IF: 5,1. (Q1).

Roy, Garbine, Fernandez-Baneres, Fernando, Corzo, Maria, Gomez-Aguillilla, Sara, Garcia-Hoz, Carlota, NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Intestinal and blood lymphograms as new diagnostic tests for celiac disease. Front. Immunol. 2023. 13. DOI: 10.3389/fimmu.2022.1081955. IF: 7,3. (Q1).

ABARCA ZABALIA, JUDITH, GONZÁLEZ JIMÉNEZ, ADELA, CALLE RUBIO, MYRIAM, RAPOSO LÓPEZ-PASTOR, ANDREA, Farina, Tomas, Ramos-Acosta, Carlos, ANGUITA MANDLY, EDUARDO, URCELAY GARCÍA, ELENA, ESPINO PAISÁN, LAURA. Alterations in the immune system persist after one year of convalescence in severe COVID-19 patients. Front. Immunol. 2023. 14 (-):-. DOI: 10.3389/fimmu.2023.1127352. IF: 7,3. (Q1).

Awards

Researcher aware: IRENE ISABEL GÓMEZ DELGADO. Award: Premio Extraordinario de la UAM. Winning work: Tesis doctoral. Contribución del FH y las proteínas FHRs del complemento en la predisposición y evolución del síndrome hemolítico-urémico atípico y la nefropatía por IgA.

Researcher aware: ANDREA RAPOSO LÓPEZ-PASTOR. Award: Premio Talento y Tecnología 2023. Winning work: Tesis doctoral. Nuevas herramientas para el diagnóstico y el tratamiento de la enfermedad de hígado graso no alcohólico y la resistencia a insulina asociada a obesidad.

Clinical Practical Guidelines

Celia Oreja-Guevara, Mar Tintoré, Virginia Meca, José María Prieto, José Meca, Mar Mendibe, Alfredo Rodríguez-Antigüedad. Family Planning in Fertile-Age Patients With Multiple Sclerosis (MS) (ConPlanEM Study): Delphi Consensus Statements. 2023. Springer Nature. PMID: 37746391.

Celia Oreja-Guevara, Aintzane Rabanal, Corazón Hernández Rodríguez, Yolanda Aladro Benito, Mar Mendibe Bilbao, Inés González-Suarez, José Luis Gómez-Palomares. Assisted Reproductive Techniques in Multiple Sclerosis: Recommendations from an Expert Panel. 2023. Springer Nature. PMID: 36746871.

New Competitive Funding

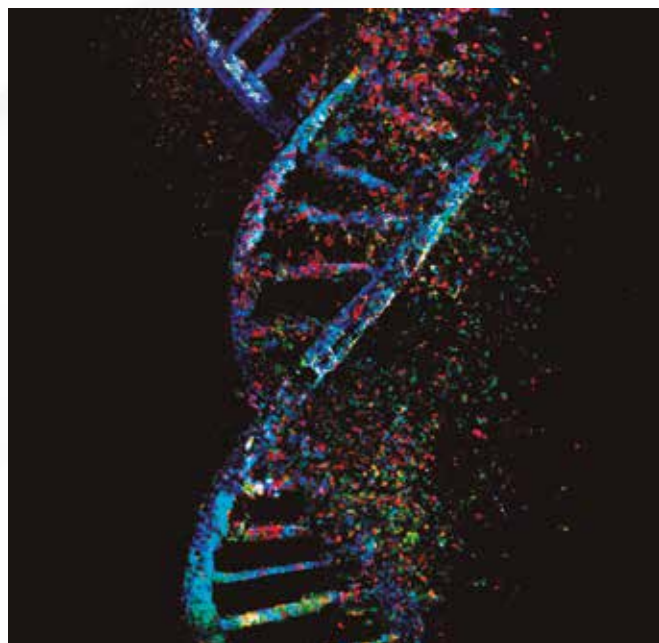
LEP.C01EME. MECANISMOS FUNCIONALES EN LAS INTERACCIONES GEN-AMBIENTE EN ESCLEROSIS MÚLTIPLE PRIMARIA PROGRESIVA: VIRUS EPSTEIN-BARR Y POLIMORFISMOS GENÉTICOS DE RIESGO. PI: RAPOSO LÓPEZ-PASTOR, ANDREA. Funding organisation: ASOCIACIÓN DE ESCLEROSIS MÚLTIPLE ESPAÑA.

New Non Competitive Funding

ECL.22/354. ESTUDIO EN FASE II, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR EL EFECTO DE SAR443820 SOBRE LOS NIVELES SÉRICOS DE NEUROFILAMENTOS EN PARTICIPANTES CON ESCLEROSIS MÚLTIPLE, SEGUIDO DE UN PERIODO DE EXTENSIÓN A LARGO PLAZO ABIERTO. PI: OREJA GUEVARA, CELIA.

ECL.23/480. ESTUDIO INTERVENCIONISTA DE EXTENSIÓN EN FASE III PARA INVESTIGAR LA SEGURIDAD Y LA TOLERABILIDAD A LARGO PLAZO DE TOLEBRUTINIB EN PARTICIPANTES CON ESCLEROSIS MÚLTIPLE RECIDIVANTE, ESCLEROSIS MÚLTIPLE PRIMARIA PROGRESIVA O ESCLEROSIS MÚLTIPLE SECUNDARIA PROGRESIVA NO RECIDIVANTE AN INTERVENTIONAL, PHASE 3 EXTENSION STUDY TO INVESTIGATE LONG-TERM SAFETY AND TOLERABILITY OF TOLEBRUTINIB IN PARTICIPANTS WITH RELAPSING MULTIPLE SCLEROSIS, PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS, OR NonRELAPSING SECONDARY PROGRESSIVE MULTIPLE SCLEROSIS. PI: OREJA GUEVARA, CELIA.

ECL.23/113. OBSERVATIONAL, MULTICENTER STUDY TO DESCRIBE THE PERSISTENCE IN RELAPSING REMITTING MULTIPLE SCLEROSIS NAIVE PATIENTS WITH LOW-MODERATE ACTIVITY TREATED WITH OZANIMOD (ZEPOSIA®) IN CLINICAL PRACTICE IN SPAIN (APPREZIATE STUDY). ESTUDIO OBSERVACIONAL MULTICÉNTRICO PARA DESCRIBIR LA PERSISTENCIA EN PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENT-REMITENTE CON ACTIVIDAD BAJA A MODERADA SIN TRATAMIENTO PREVIO, QUE HAN INICIADO TRATAMIENTO CON OZANIMOD (ZEPOSIA®) EN LA PRÁCTICA CLÍNICA EN ESPAÑA (ESTUDIO APPREZIATE). PI: OREJA GUEVARA, CELIA.



The image shows a DNA helix, symbolising the genetic information essential for life, revealing its molecular complexity. Image made by programming with artificial intelligence

IIIA.3

Musculoskeletal Pathology

Leading researchers

Benjamín Fernández Gutiérrez

Lydia Abásolo Alcazar

Members

Alfredo Madrid García

Ana María Pérez Sáez

Ángeles López De Benito

Beatriz García Tirado

Cristina De Jesús Lajas Petisco

Cristina Vadillo Font

Dalifer Dayanira Freitas Nuñez

Eduardo Ossuna Juntárez

Esperanza Pato Cour

Fernando Marco Martínez

Gloria Candelas Rodríguez

Inés Pérez Sancristóbal

Inmaculada Chicarro Rodríguez

Irene González Guede

Leticia León Mateos

Luis Rodríguez Rodríguez

María Asunción Nieto Barbero

María Dolores Olmos Gómez

María López Ramos

María Paula Álvarez Hernández

María Rodero López

María Rodríguez Mariblanca

Sonia García Gómez

Susana Donadeu Sánchez

Teresa Mulero López

Teresa Sofía Sánchez Pascua

Yaiza Lópiz Morales

Zulema Rosales Rosado



Overview

This research group has two Group Leaders (Dr Benjamín Fernández and Dr Lydia Abásolo); and integrates members of the Unidad de Gestion Clínica de Reumatología (UGC-REU), Unidad de Gestion Clínica de Cirugía Ortopédica y Traumatología (UGC-COT), and the Pulmonology Service of Hospital Clínico San Carlos (HCSC). The group has a widely recognized trajectory in the field of clinical epidemiology, molecular bases of immune-mediated diseases, genetics, genomics and proteomics and more recently in Innovation and research in Information and Communication Technologies, of musculoskeletal and rheumatic diseases. This group includes 4 principal investigators (PI) (Dr Benjamín Fernández; Dr Lydia Abasolo; Dr Luis Rodríguez and Dr Fernando Marco) leading different research lines, which are sometimes interlinked. PIs work in a coordinated manner to advance in the following lines of research:

Scientific production

42

Nº of papers
(WoS)

88% (37)

% Open
Access (Nº)

37

Nº of papers
JCR indexed

46% (17)

% Citable
Items (Nº)

35% (6)

Q1 (citable items)

67.00

Cumulative IF

3.94

Average IF

- PI Lydia Abasolo:

- Quality of life, pain, disability and mortality in musculoskeletal and rheumatic diseases
- Clinical epidemiology and biomarkers in spondyloarthropathies and or rheumatoid arthritis
- Clinical epidemiology and biomarkers in diffuse interstitial lung disease (ILD) of autoimmune origin

- IP Luis Rodríguez-Rodríguez:

- Epidemiology and genetics of intraocular inflammation
- Innovation and research in Information and Communication Technologies: Machine learning and big data

- IP Benjamín Fernández/Fernando Marco:

- Molecular bases of immune-mediated diseases
- Pathophysiological basis of osteoarthritis
- Mesenchymal stem cells
- Generation of organoids
- Regenerative and immunomodulatory potential

This is a multidisciplinary group, which includes different medical specialties and other disciplines such as nurses, bioinformatics, psychologists or biologists. They have led and worked on a multitude of competitive and Non-competitive projects with high transnational potential. With these projects, in addition to the development and consolidation of their lines of research, they have been able to contribute to the advancement of knowledge in these diseases. All of this has been fundamentally due to their teamwork and the established and consolidated collaborations, both intramural and extramural, national and international.

Selected Publications

LEÓN MATEOS, LETICIA, MADRID GARCÍA, ALFREDO, Lopez-Viejo, Patricia, Gonzalez-Alvaro, Isidoro, Novella-Navarro, Marta, Freitas Nunez, Dalifer, Rosales, Zulema, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, ABÁSOLO ALCAZAR, LYDIA. Difficult-to-treat rheumatoid arthritis (D2T RA): clinical issues at early stages of disease. RMD Open. 2023. 9 (1). DOI: 10.1136/rmdopen-2022-002842. IF: 6,2. (Q1).

PÉREZ SANCRISTÓBAL, INÉS, de la Fuente, Eduardo, ÁLVAREZ HERNÁNDEZ, MARÍA PAULA, GUEVARA HOYER, KISSY ANNET MARÍA, Morado, Concepcion, Martinez-Prada, Cristina, FREITES NUÑEZ, DALIFER DAYANIRA, Villaverde, Virginia, FERNÁNDEZ ARQUERO, MIGUEL, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, SÁNCHEZ RAMÓN, SILVIA, CANDELAS RODRÍGUEZ, GLORIA. Long-Term Benefit of Perlingual Polybacterial Vaccines in Patients with Systemic Autoimmune Diseases and Active Immunosuppression. Biomedicine. 2023. 11 (4):- . DOI: 10.3390/biomedicine11041168. IF: 4,7. (Q1).

MOHAMED MOHAMED, KAUZAR, ÁLVAREZ HERNÁNDEZ, MARÍA PAULA, Garcia, Carlos Jimenez, GUEVARA HOYER, KISSY ANNET MARÍA, FREITES NUÑEZ, DALIFER DAYANIRA, Prada, Cristina Martinez, PÉREZ SANCRISTÓBAL, INÉS, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, MATO CHAIN, GLORIA, RODERO LOPEZ, MARIA, RODRÍGUEZ DE LA PEÑA, ANTONIA, MULERO LÓPEZ, TERESA, Bravo, Cecilia, Toledano, Esther, CULEBRAS LÓPEZ, ESTHER, Valeros, Beatriz Mediero, Segura, Pedro Perez, SÁNCHEZ RAMÓN, SILVIA, CANDELAS RODRÍGUEZ, GLORIA. Specific Cellular and Humoral Response after the Third Dose of Anti-SARS-CoV-2 RNA Vaccine in Patients with Immune-Mediated Rheumatic Diseases on Immunosuppressive Therapy. Biomedicine. 2023. 11 (9). DOI: 10.3390/biomedicine11092418. IF: 4,7. (Q1).

New Competitive Funding

EUR_SPIDERR. Stratification of Patients using advanced Integrative modeling of Data Routinely acquired for diagnosing Rheumatic complaints. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding organisation: COMISIÓN EUROPEA.

PIPF-2022/SAL-GL-26004. Contratos de Personal Investigador predoctoral 2022: María López Ramos. PI: MARCO MARTÍNEZ, FERNANDO. Funding organisation: CONSEJERIA DE CIENCIA, UNIVERSIDADES E INNOVACIÓN.

LLM.P01.IR.23. Impacto del género en variables de resultado de artritis reumatoide. PI: LETICIA LEÓN MATEOS. Funding organisation: IdISSC.

AP183932023. AUGMENTACIÓN BIOLÓGICA DE LA REPARACION QUIRÚRGICA DE LAS ROTURAS CRÓNICAS DEL MANGUITO ROTADOR MEDIANTE FIBROÍNA DE SEDA CON DOBLE FUNCIONALIZACIÓN. PI: LOPIZ MORALES, YAIZA. Funding organisation: FUNDACION MUTUA MADRILEÑA.

New Non Competitive Funding

ECL.21/145. Curso clínico de pacientes con enfermedad pulmonar intersticial difusa (EPID) de origen autoinmune: Registro multicéntrico NEREA. PI: ABÁSOLO ALCAZAR, LYDIA.

ECL.22/428. ESTUDIO DE FASE 3, MULTINACIONAL, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO DE LA EFICACIA Y LA SEGURIDAD DE TREPROSTINIL INHALADO EN SUJETOS CON FIBROSIS PULMONAR IDIOPÁTICA (TETON-2). A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTINATIONAL, PHASE 3 STUDY OF THE EFFICACY AND SAFETY OF INHALED TREPROSTINIL IN SUBJECTS WITH IDIOPATHIC PULMONARY FIBROSIS (TETON-2). PI: NIETO BARBERO, MARÍA ASUNCIÓN."

ECL.23/005. MEDICINA PERSONALIZADA PARA LA OPTIMIZACIÓN DEL TRATAMIENTO INMUNOMODULADOR EN PACIENTES CON UVEÍTIS. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.23/028. SURVEY ON PULMONARY HYPERTENSION IN DIFFUSE RESPIRATORY DISEASES (SUPPORT). PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.23/029. COMBINED PULMONARY FIBROSIS AND EMPHYSEMA WITH PULMONARY HYPERTENSION: ADVANCED PHENOTYPING. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.23/030. EPIDEMIOLOGÍA DE LA HIPERTENSIÓN PULMONAR DE GRUPO 3 EN ESPAÑA. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.23/136. ESTUDIO DE DOS COHORTES, DE FASE II, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, DE GRUPOS PARALELOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE VIXARELIMAB EN COMPARACIÓN CON UN PLACEBO EN PACIENTES CON FIBROSIS PULMONAR IDIOPÁTICA Y EN PACIENTES CON ENFERMEDAD PULMONAR INTERSTICIAL ASOCIADA A ESCLERODERMIA GENERALIZADA A TWO-COHORT, PHASE II, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PARALLEL-GROUP, PLACEBO-CONTROLLED STUDY EVALUATING THE EFFICACY AND SAFETY OF VIXARELIMAB COMPARED WITH PLACEBO IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS AND IN PATIENTS WITH SYSTEMIC SCLEROSIS ASSOCIATED INTERSTITIAL LUNG DISEASE. PI: ABÁSOLO ALCAZAR, LYDIA.

IIIA.7

Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

Leading researcher

Alberto Delgado Iribarren García-Campero

Members

Ana Arribi Vilela

Cristina García Salguero

Elisa Pérez- Cecilia Carrera

Elvira Baos Muñoz

Esther Culebras López

Esther Ríos Dueñas

Fernando González Romo

Francisco Miguel Braojos Sánchez

Iciar Rodríguez-Avial Infante

Laura López González

Luis Vallejo Rodríguez

María José Valderrama Conde

Paloma Merino Amador



Overview

The clinic includes great care accessibility (patients do not require an appointment or health card), rapid microbiological diagnosis, immediate administration of STI treatment, high degree of specialization, a long tradition in the field of STI and interaction with primary and specialized care and NGOs. These distinctive features have led to the establishment of the clinic as a "sentinel" center for epidemiological STI/HIV surveillance in the Community of Madrid, and a clinic of reference for these diseases in Spain and Europe. The clinic serves more than 27,000 consultations / year.

Scientific production

21

Nº of papers (WoS)

71% (15)

% Open Access (Nº)

21

Nº of papers JCR indexed

71% (15)

% Citable Items (Nº)

73% (11)

Q1 (citable items)

13% (2)

D1 (citable items)

104.10

Cumulative IF

6.94

Average IF

Selected Publications

RODRÍGUEZ-AVIAL INFANTE, ICÍAR, García-Salguero, Cristina, BERMEJO LOPEZ, LAURA MARIA, Teja, Juan, PÉREZ- CECILIA CARRERA, ELISA, DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO, VIGARA GARCIA, MARTA, GIL GREGORIO, PEDRO, CULEBRAS LÓPEZ, ESTHER. Evolution of antibody titers after two doses of mRNA Pfizer-BioNTech vaccine and effect of the third dose in nursing home residents. PLoS One. 2023. 18 (3):- DOI: 10.1371/journal.pone.0282388. IF: 3,7. (Q2).

García-Salguero, Cristina, Vallejo, Luis, Martínez-Rodríguez, Mercedes, DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO, CULEBRAS LÓPEZ, ESTHER. Role of Hologic® Panther Aptima™ SARS-CoV-2 assay in the detection of SARS-CoV-2: screening or diagnostic technique?. Rev. Esp. Quim. 2023. 36 (5):516-518. DOI: 10.37201/req/135.2022. IF: 1,9. (Q4).

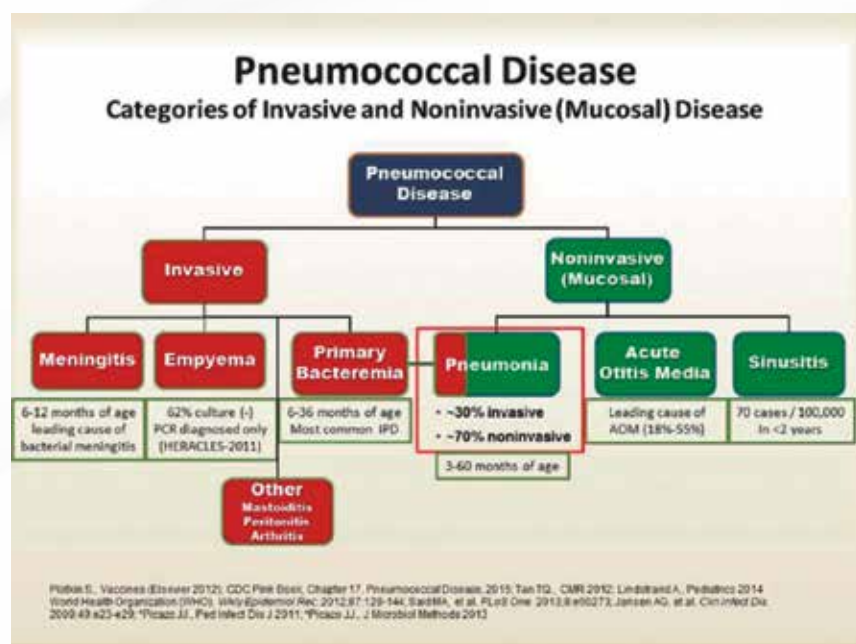
Díaz-García, Judith, Machado, Marina, Alcalá, Luis, Reigadas, Elena, Sánchez-Carrillo, Carlos, Pérez-Ayala, Ana, de la Pedrosa, Elia Gómez-García, GONZÁLEZ ROMO, FERNANDO, MERINO AMADOR, PALOMA, Cuetara, María Soledad, García-Esteban, Coral, Quiles-Melero, Inmaculada, Zurita, Nelly Daniela, Muñoz-Algarra, María, Durán-Valle, María Teresa, Martínez-Quintero, Gabriela Andrea, Sánchez-García, Aida, Muñoz, Patricia, Escribano, Pilar, Guinea, Jesús, CANDIMAD Study Grp. Antifungal resistance in Candida spp within the intra-abdominal cavity: study of resistance acquisition in patients with serial isolates. Clin. Microbiol. Infect. 2023. 29 (12). DOI: 10.1016/j.cmi.2023.08.021. IF: 14,2. (D1).

New Non Competitive Funding

ECL23/034. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, SIMPLE CIEGO, QUE EVALÚA LA EFICACIA Y SEGURIDAD DE CEFEPIMA/NACUBACTAM Y AZTREONAM/NACUBACTAM FRENTE AL MEJOR TRATAMIENTO DISPONIBLE EN ADULTOS CON INFECCIÓN COMPLICADA DE LAS VÍAS URINARIAS, PIELONEFRITIS AGUDA SOBREAÑADIDA, NEUMONÍA BACTERIANA NOSOCOMIAL, NEUMONÍA BACTERIANA ASOCIADA A VENTILACIÓN MECÁNICA E INFECCIÓN INTRAABDOMINAL COMPLICADA POR ENTEROBACTERIAS RESISTENTES A LOS CARBAPENÉMICOS. A PHASE 3, MULTI-CENTER, RANDOMIZED, SINGLE-BLIND STUDY TO ASSESS THE EFFICACY AND SAFETY OF CEFEPIME/NACUBACTAM AND AZTREONAM/NACUBACTAM VERSUS BEST AVAILABLE THERAPY IN ADULTS WITH COMPLICATED URINARY TRACT INFECTION, ACUTE UNCOMPLICATED PYELONEPHRITIS, HOSPITAL-ACQUIRED BACTERIAL PNEUMONIA, VENTILATOR-ASSOCIATED BACTERIAL PNEUMONIA, AND COMPLICATED INTRA-ABDOMINAL INFECTION DUE TO CARBAPENEM-RESISTANT ENTEROBACTERIALES. PI: LOPEZ GONZALEZ, LAURA.

Technology Transfer

MÉTODO Y DISPOSITIVO PARA ANÁLISIS DE MATERIAL BIOLÓGICO, MÉTODO DE OBTENCIÓN Y USO DEL MISMO. Reference number: 201531139. Date of granting: 27/10/2017. Ownership: 50% FIBHCSC 50% UNIVERSIDAD ALCALÁ.



IIIA.8

Kidney Diseases and Renal Function Replacement Therapy (Dialysis and Transplantation)

Leading researcher

Ana Isabel Sánchez Fructuoso

Members

Antolina Rodríguez Moreno

Arianne Sofía Aiffil Meneses

Beatriz Rodríguez Cubillo

Clara García Carro

Elena Ruiz Ferreras

Isabel Pérez Flores

Jesús Delgado Domínguez-Palacios

José Antonio Herrero Calvo

María Ángeles Moreno De La Higuera Díaz

Maria Dolores Sánchez De La Nieta García

Marta Calvo Arevalo

Nancy Daniela Valencia Morales

Natividad Calvo Romero

Rocío Fernández Díaz

Virginia López De La Manzanara Pérezr



Overview

Kidney transplantation is currently the treatment of choice for chronic renal failure. The procedure is performed in the Kidney Transplant Unit (UTR) of the Hospital Clínico San Carlos (HCSC) and it requires rigorous monitoring of patients along the progress, as well as the control of the recipient's immune response to the transplanted organ, since the immunosuppressive treatment is necessary for the entire duration of the graft function. Since the beginning, UTR is characterized by its commitment to research, which is integral to the care activity performed in this unit.

The research activity mainly focuses in Non heart beating donation and new therapeutic lines, participating in many national and international clinical trials, as well as in scientific collaborations with other hospital services (Immunology and Genomic Unit of Clinical Analysis). The main research lines developed by UTR include those related to asystole donation in which this unit has great experience, being one of the pioneers in such type of transplants. New immunosuppressive therapies are another major strategic areas where the UTR is involved, aiming to search a lower risk of graft rejection, improvement of long-term renal function and the receptor's morbidity.

Finally, the study of genetic markers and immunological parameters, as good predictors of the development of transplanted patients, is another area in which several lines of research are being pursued.

Scientific production

31

Nº of papers
(WoS)

61% (19)

% Open
Access (Nº)

30

Nº of papers
JCR indexed

47% (14)

% Citable
Items (Nº)

36% (5)

Q1 (citable items)

7% (1)

D1 (citable items)

61.12

Cumulative IF

4.36

Average IF

Selected Publications

SANTIAGO ÁLVAREZ, JOSÉ LUÍS, SANCHEZ PEREZ, LUIS, PÉREZ FLORES, ISABEL, Moreno de la Higuera, Maria Angeles, Calvo Romero, Natividad, URCELAY GARCÍA, ELENA, SÁNCHEZ FRUCTUOSO, ANA ISABEL. Genome-wide association study biomarkers in T-cell mediated rejection: selective effect according to the Banff classification. *J. Nephrol.* 2023. 36 (3):809-815. DOI: 10.1007/s40620-022-01419-5. IF: 3,4. (Q2).

PÉREZ FLORES, ISABEL, Juarez, Ignacio, Aiffil Meneses, Arianne S., Lopez-Gomez, Ana, Romero, Natividad Calvo, Rodriguez-Cubillo, Beatriz, Moreno de la Higuera, Maria Angeles, Peix-Jimenez, Belen, Gonzalez-Garcia, Raquel, Baos-Munoz, Elvira, ARRIBI VILELA, ANA, Gomez Del Moral, Manuel, Martinez-Naves, Eduardo, SÁNCHEZ FRUCTUOSO, ANA ISABEL. Role of mTOR inhibitor in the cellular and humoral immune response to a booster dose of SARS-CoV-2 mRNA-1273 vaccine in kidney transplant recipients. *Front. Immunol.* 2023. 14. DOI: 10.3389/fimmu.2023.1111569. IF: 7,3. (Q1).

SÁNCHEZ FRUCTUOSO, ANA ISABEL, Raba, Andrea Bedia, Deras, Eduardo Banegas, Sanchez, Luis A. Vígara, San Cecilio, Rosalia Valero, Esteve, Antonio Franco, Vega, Leonidas Cruzado, Martinez, Eva Gavela, GARCÍA GARCÍA, MARÍA EUGENIA, Coronado, Pablo Saurdy, Morales, Nancy D. Valencia, Larrondo, Sofia Zarraga, Cano, Natalia Ridaó, Blanca, Auxiliadora Mazuecos, Marrero, Domingo Hernandez, Castello, Isabel Beneyto, Ramos, Javier Paul, Ochoa, Adriana Sierra, Molas, Carmen Facundo, Roncero, Francisco Gonzalez, Ramirez, Armando Torres, Guldris, Secundino Cigarran, Flores, Isabel Perez. Sodium-glucose cotransporter-2 inhibitor therapy in kidney transplant patients with type 2 or post-transplant diabetes: an observational multicentre study. *Clin. Kidney J.* 2023. DOI: 10.1093/ckj/sfad007. IF: 4,6. (Q1).

Awards

Researcher aware: Clara García Carro. Award: 60 th ERA Congress: Best Abstracts by authors under 40. Winning work: LUPUS NEPHRITIS RELAPSE AFTER IMMUNOSUPPRESSION WITHDRAWAL: SPANISH MULTICENTER STUDY.

Clinical Practical Guidelines

FARALDO CABANA, ARACELI, SÁNCHEZ FRUCTUOSO, ANA ISABEL, PÉREZ FLORES, ISABEL, Beneit-Montesinos, Juan Vicente, MUÑOZ JIMENEZ, DANIEL, Jimenez, Belen Peix, Arredondo, Sara Asensio, Santana, Enriqueta Isabel Nuno, Valeros, Maria Jose Santana, Gonzalez,. Development of an Information Guideline for Kidney Transplant Recipients in a Clinical Trial: Protocol for a Modified Delphi Method. *JMIR Research Protocols.* 2023. JMIR Publications Inc. 10.2196/46961.

VIAN PEREZ, JAVIER, SHABAKA FERNANDEZ, AMIR, Lallena, Silvia, Gatiús, Serena, de la Manzanara, Virginia Lopez, Barrera-Ortega, Jeronimo, Mendez-Fernandez, Ramiro J. Efficacy and Safety of CT-Guided Kidney Biopsy for the Diagnosis of Glomerular Diseases in Complicated Patients. *NEPHRON.* 2023. S. Karger AG. 10.1159/000531378.

Jorge E. Rojas-Rivera,, Clara García-Carro, Ana I. Ávilad, Mar Espinoe, Mario Espinosaf, Gema Fernández-Juárezg, Xavier Fulladosah, Marian Goicoecheai, Manuel Maciaj, Enrique Moralese,k,l, Luis F. Quintana Porrasn,n, Manuel Pragak,l. Diagnosis and treatment of lupus nephritis: a summary of the Consensus Document of the Spanish Group for the Study of Glomerular Diseases (GLOSEN). *Sociedad Española de Nefrología- Grupo de trabajo GLOSEN.* 2023. Oxford Academic. 2048-8513.

New Competitive Funding

BRC.CHIESI.23. HUMANIZACIÓN DE LA UNIDAD DE TRASPLANTE RENAL. PI: RODRÍGUEZ CUBILLO, BEATRIZ. Funding organisation: CHIESI ESPAÑA SA.

PI22/00837. Estudio del efecto renoprotector de los ISGLT2 en la enfermedad renal diabética: mecanismos antiinflamatorios y modificación de la actividad mitocondrial. PI: GARCÍA CARRO, CLARA; SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL.22/745. ARTEMIS: RAVULIZUMAB PARA PROTEGER A LOS PACIENTES CON INSUFICIENCIA RENAL CRÓNICA (IRC) DE SUFRIR UNA LESIÓN RENAL AGUDA ASOCIADA A LA INTERVENCIÓN QUIRÚRGICA CARDÍACA (CSA-AKI) Y ACONTECIMIENTOS RENALES ADVERSOS GRAVES (ARAG) POSTERIORES: ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO. ARTEMIS: RAVULIZUMAB TO PROTECT PATIENTS WITH CHRONIC KIDNEY DISEASE (CKD) FROM CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY (CSA-AKI) AND SUBSEQUENT MAJOR ADVERSE KIDNEY EVENTS (MAKE): A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY. PI: DELGADO DOMÍNGUEZ-PALACIOS, JESÚS.

ECL.23/278. ESTUDIO DE FASE IIB, ALEATORIZADO, CONTROLADO, DOBLE CIEGO Y MULTICÉNTRICO PARA COMPARAR LA EFICACIA Y LA SEGURIDAD DEL ZETOMIPZOMIB (KZR-616) 30 MG O 60 MG FRENTE A UN PLACEBO EN PACIENTES CON NEFRITIS LUPICA ACTIVA. A PHASE 2B, RANDOMIZED, CONTROLLED DOUBLE-BLIND, MULTICENTER STUDY COMPARING THE EFFICACY AND SAFETY OF ZETOMIPZOMIB (KZR-616) 30 MG OR 60 MG WITH PLACEBO IN PATIENTS WITH ACTIVE LUPUS NEPHRITIS. PI: GARCÍA CARRO, CLARA.

ECL.23/319. ESTUDIO DE FASE 2B, ALEATORIZADO, CONTROLADO Y ABIERTO PARA EVALUAR LA RESPUESTA INMUNITARIA Y LA SEGURIDAD DE LA VACUNA EN INVESTIGACIÓN RSVREF3 OA EN ADULTOS (=50 AÑOS DE EDAD) CUANDO SE ADMINISTRA A RECEPTORES DE TRASPLANTE PULMONAR Y RENAL COMPARANDO 1 FRENTE A 2 DOSIS Y EN COMPARACIÓN CON SUJETOS SANOS (=50 AÑOS DE EDAD) QUE RECIBEN 1 DOSIS COMO CONTROL. A PHASE 2B, RANDOMIZED, CONTROLLED, OPEN-LABEL STUDY TO EVALUATE THE IMMUNE RESPONSE AND SAFETY OF THE RSVREF3 OA INVESTIGATIONAL VACCINE IN ADULTS (≥50 YEARS OF AGE) WHEN ADMINISTERED TO LUNG AND RENAL TRANSPLANT RECIPIENTS COMPARING 1 VERSUS 2 DOSES AND COMPARED TO HEALTHY CONTROLS (≥50 YEARS OF AGE) RECEIVING 1 DOSE. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.23/673. ESTUDIO EN FASE IV, ABIERTO, ALEATORIZADO, DEL USO CONTINUADO DE CICLOSILICATO DE SODIO Y ZIRCONIO (CSZ) DESPUÉS DEL ALTA HOSPITALARIA EN PARTICIPANTES CON NEFROPATÍA CRÓNICA TRATADOS POR HIPERTENSIÓN. AN OPEN-LABEL, RANDOMISED, PHASE 4 STUDY OF CONTINUING SODIUM ZIRCONIUM CYCLOSILICATE (SZC) AFTER DISCHARGE IN PARTICIPANTS WITH CHRONIC KIDNEY DISEASE TREATED FOR HYPERTENSION. PI: CALVO AREVALO, MARTA.

Visiting Researcher

Visiting researcher: Renata Carvalho. Country of origin: Portugal. Center: Hospital de Braga. Project: SGLT2 inhibitors and IgA nephropathy: experience in real-world clinical practice.

IIIA.9

Infectious Diseases/HIV

Leading researchers

Vicente Estrada Pérez

Jorge del Romero Guerrero

Members

Adrián Valls Carbó

Mª Del Mar Vera García

Álvaro Morales Aser

Maravillas Carralón González

Ana Muñoz Gómez

María Ferreras Forcada

Begoña Baza Caraciolo

María Inés Armenteros Yeguas

Dulce Carrio Montiel

María José Nuñez Orantos

Eva Orviz García

María Nieves Sanz Pérez

Geni Constanza Díaz Hernández

María Teresa Puerta López

Íñigo Sagastagoitia Fornie

Mónica García Lotero

Isabel Zarza Alabanda

Nerexi Guadalupe Jilón Zambrano

Javier Rodríguez Añover

Noemí Cabello Clotet

Jorge Vergas García

Oskar Ayerdi Aguirrebengoa

José Reynaldo Homen Fernández

Petunia Clavo Escribano

Juan Ballesteros Martín

Susana Olmedo Hernández

Laura Rodríguez Muñana

Valeria Cabral Sousa

Lorena Pozo Pérez

Yolanda Campanero Núñez

Mª Blanca Menéndez Prieto

Scientific production

33

Nº of papers
(WoS)

82% (27)

% Open
Access (Nº)

28

Nº of papers
JCR indexed

93% (26)

% Citable
Items (Nº)

62% (15)

Q1 (citable items)

35% (9)

D1 (citable items)

187.40

Cumulative IF

7.21

Average IF

ciber | **INFEC**



Overview

The Infectious/HIV group has a long tradition of care at the Clinical Hospital. From a healthcare point of view, the infectious diseases section was formed in 1985 from the Isolation Unit, dependent on Internal Medicine 3, Microbiology, and Preventive Medicine. This unit later became dependent on Internal Medicine, and since 2015, the group has partially differentiated itself from it by establishing a section specialized in infectious diseases. Currently, the infectious diseases section has 14 hospitalization beds assigned, carries out an important inter-consultation activity, and is part of the PROA group. In addition, there is a large activity of general infectious disease consultations, two monographic consultations for osteoarticular infection and tuberculosis, and an HIV unit of the HCSC, the fourth in Madrid by number of patients treated. The Infectious Diseases/HCSC unit is functionally coordinated with the Sandoval

STI Unit. The group's research projects extend into four large areas: HIV infection, where industry projects and clinical trials are developed. In the last 10 years, 35 antiretroviral trials have been carried out (phases 1-4). Other lines: sexually transmitted infections, tuberculosis, osteoarticular infection, Covid-19 and other respiratory infections and studies on vaccines against respiratory viruses. The infectious disease group is integrated within the Ciber of Infectious Diseases (Ciberinfec) and participates in the AIDS Research Network (RIS).

The Sandoval Health Center, inaugurated in 1928, is the reference center for STIs in Spain attached to the San Carlos Clinical Hospital since January 2018. It attends more than 32,000 consultations annually and performs more than 6,000 STI diagnoses annually. Easy accessibility and on-demand service. It has high-resolution consultations in the diagnosis and treatment of HIV/STI/HCV, with intense research activity, collaborating in numerous studies. Four clinical trials are being conducted in the field of HIV/STIs: HIV prevention and pre-exposure prophylaxis, gonorrhea treatment, and HSV-2 diagnosis and prevention. Maintains great interaction with AP, Public Hospital Network, and NGOs. It is the reference center for providing pre-exposure prophylaxis to PrEP in the Community of Madrid. Member of the AIDS Research Network (CoRIS), to which it contributes the largest number of patients to the cohort

The Sandoval Health Center, inaugurated in 1928, is the reference center for STIs in Spain attached to the San Carlos Clinical Hospital since January 2018. It attends more than 32,000 consultations annually and performs more than 6,000 STI diagnoses annually. Easy accessibility and on-demand service. It has high-resolution consultations in the diagnosis and treatment of HIV/STI/HCV, with intense research activity, collaborating in numerous studies. Four clinical trials are being conducted in the field of HIV/STIs: HIV prevention and pre-exposure prophylaxis, gonorrhea treatment, and HSV-2 diagnosis and prevention. Maintains great interaction with AP, Public Hospital Network, and NGOs. It is the reference center for providing pre-exposure prophylaxis to PrEP in the Community of Madrid. Member of the AIDS Research Network (CoRIS), to which it contributes the largest number of patients to the cohort

Selected Publications

Varona, Jose F., Landete, Pedro, Paredes, Roger, Vates, Roberto, Torralba, Miguel, Guisado-Vasco, Pablo, Porras, Lourdes, Munoz, Patricia, Gijon, Paloma, Ancochea, Julio, Saiz, Elena, Meira, Fernanda, Jimeno, Jose M., Lopez-Martin, Jose A., ESTRADA PÉREZ, VICENTE. Plitidepsin in adult patients with COVID-19 requiring hospital admission: A long-term follow-up analysis. *Front. Cell. Infect. Microbiol.* 2023. 13. DOI: 10.3389/fcimb.2023.1097809. IF: 5,7. (Q1).

HOMEN FERNÁNDEZ, JOSÉ REYNALDO, VALLS CARBÓ, ADRIÁN, GARCÍA ALVAREZ, ANA, CABELLO CLOTET, NOEMI, ORTEGA MADUEÑO, ISABEL, ORVIZ GARCÍA, EVA, Focubierta, Carlos, MARTINEZ-NOVILLO GONZALEZ, MERCEDES, ESTRADA PÉREZ, VICENTE. Differences in the inflammatory response among hospitalized patients with distinct variants of SARS-CoV-2. *Front. Immunol.* 2023. 14. DOI: 10.3389/fimmu.2023.1267991. IF: 7,3. (Q1).

DEL ROMERO GUERRERO, JORGE, Moreno Guillen, Santiago, Rodriguez-Artalejo, Fernando, Ruiz-Galiana, Julian, Canton, Rafael, De Lucas Ramos, Pilar, GARCIA BOTELLA, ALEJANDRA, Garcia-Lledo, Alberto, Hernandez-Sampelayo, Teresa, Gomez-Pavon, Javier, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Martin-Delgado, Mari Cruz, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Martinez-Selles, Manuel, Molero Garcia, Jose Maria, Gomez Castilla, Javier, Palomo, Maria, Garcia Berrio, Rocio, Couso Gonzalez, Aldina, Sotomayor, Cesar, Bouza, Emilio. Sexually transmitted infections in Spain: Current status. *Rev. Esp. Quim.* 2023. 36 (5):444-465. DOI: 10.37201/req/038.2023. IF: 1,9. (Q4).

New Competitive Funding

CM22/00027. Contrato Rio Hortega - Eva Orviz. PI: ESTRADA PÉREZ, VICENTE. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL.22/748. A MULTICENTER, ADAPTIVE, RANDOMIZED, CONTROLLED TRIAL PLATFORM TO EVALUATE SAFETY AND EFFICACY OF STRATEGIES AND TREATMENTS FOR HOSPITALIZED PATIENTS WITH RESPIRATORY INFECTIONS. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/411. C2C: COMBINE-2 PARA EL TRATAMIENTO CON CABOTEGRAVIR + RILPIVIRINA DE EFECTO PROLONGADO (EP): UN ESTUDIO DE COHORTE PROSPECTIVO PARA MONITORIZAR LA EFICACIA, EL CUMPLIMIENTO TERAPÉUTICO Y LA RESISTENCIA. PI: ESTRADA PÉREZ, VICENTE.

ECL.23/327. BASE DE DATOS COMPLETA EN LÍNEA SOBRE LA RESISTENCIA ANTIMICROBIANA (CODAR, POR SUS SIGLAS EN INGLÉS): CREACIÓN DE UNA FUENTE DE DATOS QUE VINCULE DATOS DE LABORATORIO DE MICROBIOLOGÍA (INCLUIDA LA RESISTENCIA), INFORMACIÓN SOBRE TRATAMIENTOS ANTIMICROBIANOS Y DATOS CLÍNICOS LONGITUDINALES PARA PACIENTES HOSPITALIZADOS. PI: ESTRADA PÉREZ, VICENTE.

ECL.23/417. EPIGENETIC BIOMARKERS OF BIOLOGICAL AGE AS PREDICTORS OF AIDS, Non-AIDS EVENTS, AND DISEASES CHARACTERISTICS OF AGING IN PERSONS WITH HIV. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/575. ESTUDIO CLÍNICO TRASLACIONAL EN FASE II MULTICÉNTRICO, ABIERTO, ALEATORIZADO, CONTROLADO, EN CANASTA Y PRAGMÁTICO PARA DETERMINAR LA EFICACIA Y SEGURIDAD DE LA PLITIDEPSINA EN COMPARACIÓN CON EL CONTROL EN PACIENTES ADULTOS INMUNODEPRIMIDOS CON COVID-19 SINTOMÁTICA QUE NECESITAN ASISTENCIA HOSPITALARIA (NEREIDA). PI: ESTRADA PÉREZ, VICENTE.

ECL.23/034. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, SIMPLE CIEGO, QUE EVALÚA LA EFICACIA Y SEGURIDAD DE CEFEPIMA/NACUBACTAM Y AZTREONAM/NACUBACTAM FRENTE AL MEJOR TRATAMIENTO DISPONIBLE EN ADULTOS CON INFECCIÓN COMPLICADA DE LAS VÍAS URINARIAS, PIELONEFRITIS AGUDA SOBREAÑADIDA, NEUMONÍA BACTERIANA NOSOCOMIAL, NEUMONÍA BACTERIANA ASOCIADA A VENTILACIÓN MECÁNICA E INFECCIÓN INTRAABDOMINAL COMPLICADA POR ENTEROBACTERIAS RESISTENTES A LOS CARBAPENÉMICOS. PI: SAGASTAGOITIA FORNIE, ÍÑIGO."

ECL.23/199. ESTUDIO EDISON DE CRIBADO DIRIGIDO DE LA INFECCIÓN VIH. PI: ESTRADA PÉREZ, VICENTE.

ECL.23/161. ESTUDIO EN FASE I/III ALEATORIZADO Y DOBLE CIEGO PARA EVALUAR LA SEGURIDAD Y LA ACTIVIDAD NEUTRALIZANTE DE AZD5156/AZD3152 PARA LA PROFILAXIS PREVIA A LA EXPOSICIÓN DE LA COVID 19 EN PARTICIPANTES CON TRASTORNOS QUE CAUSAN INMUNODEFICIENCIA. PI: ESTRADA PÉREZ, VICENTE."

ECL.23/448. ESTUDIO FASE 2A, ALEATORIZADO, DOBLE CIEGO (ABIERTO PARA EL PROMOTOR), CONTROLADO CON PLACEBO, PARA INVESTIGAR EL EFECTO ANTIVIRAL, LA SEGURIDAD, LA TOLERABILIDAD Y LA FARMACOCINÉTICA DE LA ADMINISTRACIÓN ORAL EN MONOTERAPIA DE UN INHIBIDOR DE LA CÁPSIDE EN ADULTOS CON INFECCIÓN POR VIH-1 SIN TRATAMIENTO PREVIO. PI: ESTRADA PÉREZ, VICENTE."

ECL.22/594. ESTUDIO FASE I/II, OBSERVADOR CIEGO, ALEATORIZADO, CONTROLADO CON PLACEBO Y MULTINACIONAL PARA EVALUAR LA SEGURIDAD Y EFICACIA DE LA VACUNA EN INVESTIGACIÓN DE GSK FRENTE A NEISSERIA GONORRHOEAE GMMa (NGG) CUANDO SE ADMINISTRA EN ADULTOS SANOS DE 18 A 50 AÑOS DE EDAD. PI: AYERDI AGUIRREBENGOA, OSKAR.

IIIA.10

Research in Infectious Diseases at the INA

Leading researcher

José Tomás Ramos Amador

Members

Adrián García Ron

Andrés Bodas Pinedo

Arantxa Berzosa Sánchez

Celia Gil López

Cristina Gonzalez Menchen

Diego López De Lara

Enrique Criado Vega

Laura Francisco González

Luis Felipe Ávila Ramírez

Marta Bote Gascón

Marta Illán Ramos

Olga Pérez Rodríguez

Paula Cabrera Cascajero

Santiago Rueda Esteban



Overview

The Infectious / HIV group has a long healthcare tradition in the Hospital Clínico. In 1987, the Isolation Unit, dependent of Internal Medicine 3, Microbiology and Preventive Medicine, was created and directed by the deceased Dr. Victor Roca. Over time, the group has differentiated from Internal Medicine, and has focused on the infectious disease area on the following three scopes: HIV, viral hepatitis and other infectious diseases. These three aspects of infectious disease are the ones that have posed most of the care dedication within the group.

The HIV unit within HCSC, is one of the 5 largest ones by number of patients at follow-up in Madrid. As for the staff, Dr. Tellez and Dr. Estrada are part of the group since its inception, Dr. Vergas joined in 2001, and Drs. Nuñez and Cabello in 2012. For years, the unit staff has been recruited from FIBHCSC, and today, Nurses Eva Santiago and Maria Rodrigo are entirely dedicated to research projects. In addition to our own projects (five FIS and one FIPSE project), international research projects on HIV (tests Start, Partner, Sprit) are currently being carried out, and more than 50 clinical trials, mainly in stages III and IV, have been conducted over the years.

Projects of our own and clinical trials on Hepatitis C have been carried out. Regarding other infectious diseases, the group has worked on international projects about influenza, tuberculosis, and phase 3 clinical trials in the pneumonia treatment.

Scientific production

10

Nº of papers
(WoS)

70%⁽⁷⁾

% Open
Access (Nº)

10

Nº of papers
JCR indexed

90%⁽⁹⁾

% Citable
Items (Nº)

56%⁽⁵⁾

Q1 (citable items)

22%⁽²⁾

D1 (citable items)

46.91

Cumulative IF

5.21

Average IF

Selected Publications

RAMOS AMADOR, JOSE TOMAS, BERZOSA SANCHEZ, ARANTXA, ILLAN RAMOS, MARTA. Group A *Streptococcus* invasive infection in children: Epidemiologic changes and implications. Rev. Esp. Quim. 2023. 36:33-36. DOI: 10.37201/req/s01.09.2023. IF: 1,9. (Q4).

Abdalla, Seef, Compagnucci, Alexandra, Zheng, Yi, Treluyer, Jean-Marc, Saidi, Yacine, RAMOS AMADOR, JOSE TOMAS, Coelho, Alexandra, Riault, Yoann, Cressey, Tim R., Hirt, Deborah, SMILE Study Grp. Population pharmacokinetics of unbound and total dolutegravir concentrations in children aged 12 years and older: a PK substudy of the SMILE trial. J. Antimicrob. Chemother. 2023. 78 (4):1041-1049. DOI: 10.1093/jac/dkad043. IF: 5,2. (Q1).

Compagnucci, Alexandra, Chan, Man K., Saidi, Yacine, Cressey, Tim R., Bamford, Alasdair, Riault, Yoann, Coelho, Alexandra, Nolan, Aoife, Chalermpanmetagul, Suwalai, Morkunaite, Gabija, Amuge, Pauline, Musiime, Victor, Violari, Avy, Cotton, Mark, Kekitiinwa, Adeodata R., Kaudha, Elizabeth, Groenewald, Marisa, Liberty, Afaaf A., Kanjanavanit, Suparat, Volokha, Alla, Bologna, Rosa, Ruz, Noris Pavia, Tato, Luis Prieto, Paioni, Paolo, Marques, Laura, Reliquet, Veronique, Niehues, Tim, Welch, Steven B., Ford, Deborah, Giaquinto, Carlo, Gibb, Diana M., Babiker, Abdel, RAMOS AMADOR, JOSE TOMAS, SMILE-PENTA17-ANRS 152 Trial Grp. Nucleoside/nucleotide reverse transcriptase inhibitor sparing regimen with once daily integrase inhibitor plus boosted darunavir is Non-inferior to standard of care in virologically-suppressed children and adolescents living with HIV-Week 48 results of the randomised SMILE Penta-17-ANRS 152 clinical trial. EclinicalMedicine. 2023. 60. DOI: 10.1016/j.eclinm.2023.102025. IF: 15,1. (D1).

New Non Competitive Funding

ECL.23/207. ESTUDIO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y MULTICENTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL TRATAMIENTO COMPLEMENTARIO CON CENOBAMATO EN PACIENTES CON CRISIS TONICO-CLONICAS GENERALIZADAS PRIMARIAS. PI: GARCIA RON, ADRIAN."

ECL.22/674. ESTUDIO DE FASE 3, MULTICÉNTRICO, DE 12 SEMANAS, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD Y EFICACIA DE ATOGEPANT PARA EL TRATAMIENTO PREVENTIVO DE LA MIGRAÑA EPISÓDICA EN SUJETOS PEDIÁTRICOS DE 6 A 17 AÑOS DE EDAD. PI: GARCIA RON, ADRIAN."

ECL.22/530. ESTUDIO EN FASE IIA, MULTICÉNTRICO, ALEATORIZADO, CON ENMASCARAMIENTO PARA EL OBSERVADOR, DE 2 GRUPOS PARA INVESTIGAR LA FARMACOCINÉTICA, LA SEGURIDAD, LA TOLERABILIDAD Y LA EFICACIA DE AZTREONAM-AVIBACTAM POR VÍA INTRAVENOSA ± METRONIDAZOL EN COMPARACIÓN CON EL MEJOR TRATAMIENTO DISPONIBLE (MTD) EN PARTICIPANTES PEDIÁTRICOS DE ENTRE 9 MESES Y 18 AÑOS DE EDAD CON INFECCIONES GRAVES POR BACTERIAS GRAMNEGATIVAS INCLUIDAS INFECCIONES INTRABDOMINALES COMPLICADAS. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.23/247. ESTUDIO INTERVENCIONISTA, ALEATORIZADO, DOBLE CIEGO, DE GRUPOS PARALELOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE EPTINEZUMAB INTRAVENOSO (I.V.) EN PACIENTES PEDIÁTRICOS (6 A 17 AÑOS DE EDAD) PARA EL TRATAMIENTO PREVENTIVO DE LA MIGRAÑA EPISÓDICA. PI: GARCIA RON, ADRIAN."

ECL.23/275. ESTUDIO INTERVENCIONISTA, ALEATORIZADO, DOBLE CIEGO, DE GRUPOS PARALELOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE EPTINEZUMAB IV EN ADOLESCENTES (12-17 AÑOS) PARA EL TRATAMIENTO PREVENTIVO DE LA MIGRAÑA CRÓNICA. PI: GARCIA RON, ADRIAN."

ECL.22/673. ESTUDIO MULTICÉNTRICO, ABIERTO, DE EXTENSIÓN PARA EVALUAR LA SEGURIDAD A LARGO PLAZO DE ATOGEPANT EN SUJETOS PEDIÁTRICOS DE 6 A 17 AÑOS DE EDAD CON MIGRAÑA EPISÓDICA. PI: GARCIA RON, ADRIAN."

ECL.20/567. Implantación de una nueva técnica quirúrgica para el tratamiento de la apendicitis aguda en niños y adolescentes en el Hospital Clínico San Carlos. Apendicectomy transumbilical videoasistida frente a laparoscopia convencional. PI: ÁVILA RAMÍREZ, LUIS FELIPE.

ECL.20/136. INMUNOGENICIDAD Y EFECTIVIDAD DE LA VACUNA TETRAVALENTE FRENTE A MENINGOCOCO ACWY EN NIÑOS Y ADOLESCENTES CON INFECCION POR VIH. PI: ILLAN RAMOS, MARTA; RAMOS AMADOR, JOSE TOMAS.

ECL.20/647. SEROCONVERSIÓN DE PACIENTES CON PCR POSITIVA PARA SARS-CoV-2 EN POBLACIÓN PEDIÁTRICA. PI: RAMOS AMADOR, JOSE TOMAS.

Doctorate Theses

Doctoral candidate: Laura Francisco González. Thesis Title: Transmisión vertical y enfermedad de Chagas en edad pediátrica en la Comunidad de Madrid. Director(s): José Tomás Ramos Amador. University: Universidad Complutense de Madrid

IIIA.12

Immunology

Leading researchers

Silvia Sánchez Ramón

Miguel Fernández Arquero

Members

Alberto Varas Fajardo

Kissy Annet María Guevara Hoyer

Alejandro Peixoto Rodríguez

Laura García Reguero

Ana Sarnago Gonzalo

Laura Ribes Martínez

Angeles Matey Martín

Leticia Martín De La Cruz

Ángeles Vicente López

Lidia Martínez Fernández De Sevilla

Carmen Izquierdo Delgado

María Guzmán Fulgencio

Cristina Benito Villalvilla

Nabil Alberto Subhi-Issa Marín

Eva Jiménez Pérez

Natalia Rodríguez Vicente

Gustavo Esteban Cordero Torres

Oscar Palomares Gracia

Jacobo López-Abente Muñoz

Pilar Bárbara Alonso Arenilla

Jaris Valencia Mahon

Rosa María Sacedón Ayuso

Juliana Lucía Ochoa Grullón



Overview

This is a translational research group in the study of immunological biomarkers aimed at targeted diagnosis and the development of immunomodulation strategies in the field of primary and secondary immunodeficiencies and autoimmune diseases, as well as in other immune-based pathologies, such as recurrent gestational failure of inflammatory cause, in which this group is a pioneer in Spain.

The group has established strong collaborations with national groups (Dr. Rebeca Pérez de Diego, from IdiPaz, with the group of Dr. Ángel L Corbí, from the CIB and with the Department of Immunology of the Faculty of Medicine, led by Prof. José Ramón Regueiro), and international groups (Dr. Florence Faure, Institut Curie and Dr. Matthew L Albert, Institut Pasteur) and has obtained national and EU public research projects and is involved in the elaboration of consensus of Spanish and international societies (SICAM, SEI, ESID, FOCIS).

Scientific production

16

Nº of papers
(WoS)

81% (13)

% Open
Access (Nº)

13

Nº of papers
JCR indexed

69% (11)

% Citable
Items (Nº)

91% (10)

Q1 (citable items)

9% (1)

D1 (citable items)

69.60

Cumulative IF

6.33

Average IF

Selected Publications

MOHAMED MOHAMED, KAUZAR, GUEVARA HOYER, KISSY ANNET MARÍA, García, Carlos Jimenez, GARCÍA BRAVO, LAURA, Jimenez-Huete, Adolfo, RODRÍGUEZ DE LA PEÑA, ANTONIA, Valeros, Beatriz Mediero, Velazquez, Cristina Canizares, CULEBRAS LÓPEZ, ESTHER, CABELLO CLOTET, NOEMI, ESTRADA PÉREZ, VICENTE, Corbi, Angel L., FERNÁNDEZ ARQUERO, MIGUEL, OCAÑA FERNANDEZ, ALBERTO, DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO, MARTINEZ-NOVILLO GONZALEZ, MERCEDES, BOLAÑOS CALDERON, ESTEFANIA, ANGUIA MANDLY, EDUARDO, Pena, Ascension, BENAVENTE CUESTA, CELINA, BENITEZ FUENTES, JAVIER DAVID, PÉREZ SEGURA, PEDRO, SÁNCHEZ RAMÓN, SILVIA. Specific Cellular and Humoral Immune Responses to the Neoantigen RBD of SARS-CoV-2 in Patients with Primary and Secondary Immunodeficiency and Healthy Donors. *Biomedicines*. 2023. 11 (4):- DOI: 10.3390/biomedicines11041042. IF: 4,7. (Q1).

SUBHI-ISSA MARÍN, NABIL ALBERTO, Fuente-Munoz, Eduardo de la, Gil-Laborda, Raquel, Villegas, Angela, ALONSO ARENILLA, PILAR BÁRBARA, CRISTOBAL GARCÍA, IGNACIO, Pilar-Suarez, Lydia, Jimenez-Huete, Adolfo, CALVO AREVALO, MARTA, Sarria, Beatriz, Mansilla-Ruiz, Marilo, OCHOA GRULLON, JULIANA LUCIA, FERNÁNDEZ ARQUERO, MIGUEL, SÁNCHEZ RAMÓN, SILVIA. Myeloid-derived suppressor cells as a potential biomarker for recurrent pregnancy loss and recurrent implantation failure. *Am. J. Reprod. Immunol.* 2023. 90 (5). DOI: 10.1111/aji.13783. IF: 3,6. (Q2).

Garcia-Solis, Blanca, Van Den Rym, Ana Den, Martinez-Martinez, Laura, Franco, Teresa, Perez-Caraballo, Jareb J., Markle, Janet, Cubillos-Zapata, Carolina, Marin, Ana, Recio, Maria J., Regueiro, Jose R., Navarro-Zapata, Alfonso, Mestre-Duran, Carmen, Ferreras, Cristina, Cotazar, Carla Martin, Mena, Rocio, de la Calle-Fabregat, Carlos, Lopez-Lera, Alberto, Arquero, Miguel Fernandez, Perez-Martinez, Antonio, Lopez-Collazo, Eduardo, SÁNCHEZ RAMÓN, SILVIA, Casanova, Jean-Laurent, Martinez-Barricarte, Ruben, de la Calle-Martin, Oscar, de Diego, Rebeca Perez. Inherited human ezrin deficiency impairs adaptive immunity. *J. Allergy Clin. Immunol.* 2023. 152 (4):997-. DOI: 10.1016/j.jaci.2023.05.022. IF: 14,2. (D1).

Award

Researcher aware: Teresa Guerra Galán. Award: Premio de la Sociedad de Inmunología de la Comunidad de Madrid.

New Competitive Funding

JR22/00018. Contrato Juan Rodés - Kissy Guevara Hoyer. PI: GUEVARA HOYER, KISSY ANNET MARÍA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL.21/461. ENSAYO CLÍNICO ALEATORIZADO FASE I/II, PROSPECTIVO, DOBLE CIEGO, CONTROLADO CON PLACEBO, UNICÉNTRICO, PARA LA EVALUACIÓN DE MV130 SUBLINGUAL EN SU CAPACIDAD PARA INDUCIR LA EXPRESIÓN DE INMUNIDAD ENTRENADA EN SANGRE PERIFÉRICA. PI: SÁNCHEZ RAMÓN, SILVIA.

ECL.23/066. ESTUDIO DE FASE III, PROSPECTIVO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PANZYGA EN LA PROFILAXIS PRIMARIA DE LA INFECCIÓN EN PACIENTES CON LEUCEMIA LINFOCÍTICA CRÓNICA (ESTUDIO «PRO-SID»). PI: SÁNCHEZ RAMÓN, SILVIA.

ECL.23/284. ESTUDIO PROSPECTIVO Y OBSERVACIONAL PARA EVALUAR EL USO REAL Y LOS RESULTADOS DE HYQVIA EN PACIENTES CON MIELOMA MÚLTIPLE (MM) DIAGNOSTICADOS DE INMUNODEFICIENCIA SECUNDARIA (IDS). PI: SÁNCHEZ RAMÓN, SILVIA.

Doctorate Theses

Thesis Title: Estudio de biomarcadores en sangre periférica en mujeres con fallo reproductivo recurrente. Sánchez Ramón, Silvia (Colaborador), Comins Boo, Alejandra, Alejandra (Creador). University: Universidad Complutense de Madrid.

Thesis Title: Medicina de precisión en la Inmunodeficiencia Variable Común. Sánchez Ramón, Silvia (Colaborador), Pérez de Diego, Rebeca (Colaborador), Fernández Arquero, Miguel (Colaborador), Guevara Hoyer, Kissy (Creador). University: Universidad Complutense de Madrid.

NEUROSCIENCE

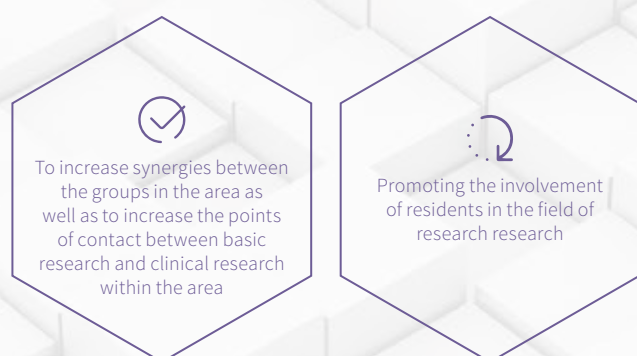
NEUROSCIENCE AREA (NEC)

NEUROSCIENCE AREA

Groups

- NEC.1 Clinical and Neurobiological Research in Psychiatry and Mental Health
- NEC.2 Advanced Research in Personality Disorders, Aggression and Impulse Control
- NEC.3 Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases
- NEC.6 Neurological Diseases
- NEC.7 Research group on environmental factors in degenerative diseases
- NEC.9 Brain Mapping
- NEC.13 Advanced Research in Personality Disorders, Aggression and Impulse Control
- NEC.18 Research in Glaucoma, Retina and Visual Pathways
- NEC.20 Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System
- NEC.22 Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

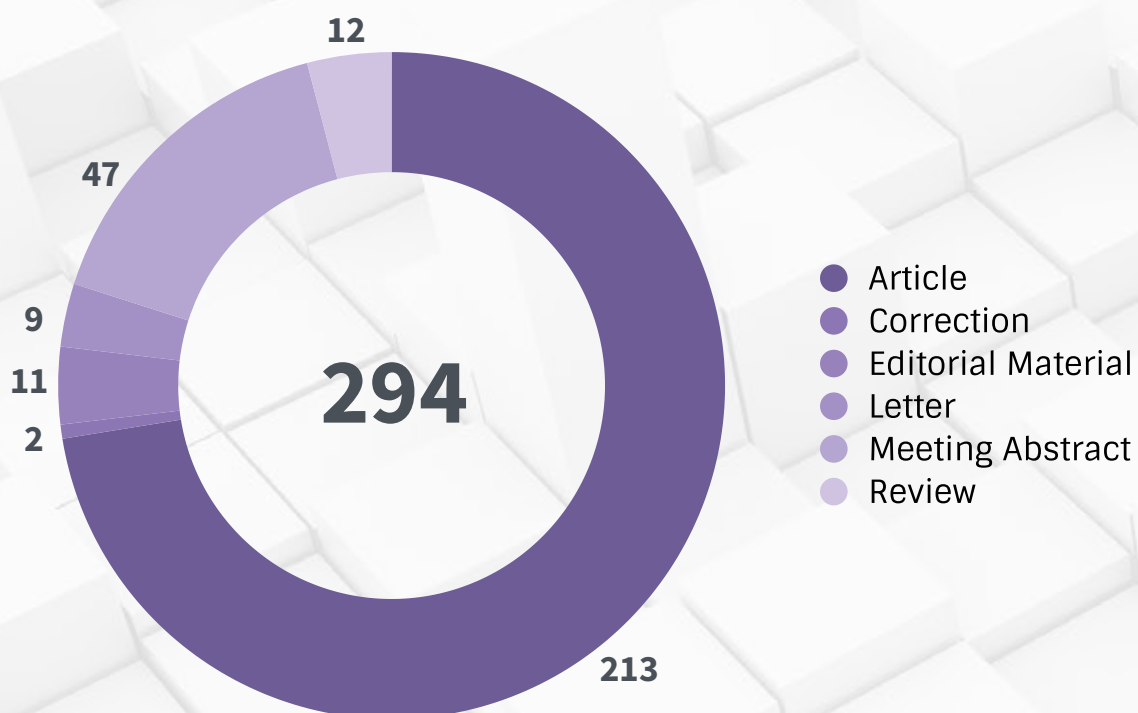
Annual Goals



Accumulated Total professionals in the area



Scientific production



Top 5 journals with the highest publication rate

During 2023, the Neurology area's researchers have published in a total of 138 different journals. The top 5 journals where they publish the most are shown below. It represents the 18.68% of the scientific production of this area. Four of these journals are in the first quartile of the JCR 2023 for their thematic category.

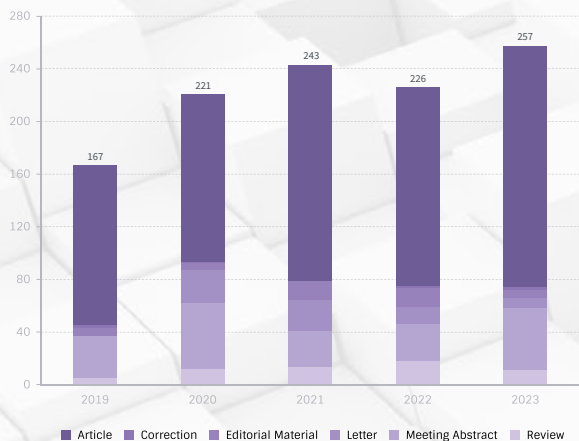
JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
JOURNAL OF CLINICAL MEDICINE	13	Q1 (58/325)	MEDICINE, GENERAL & INTERNAL	0.844	0.92	2.8
EUROPEAN PSYCHIATRY	11	Q1 (15/276)	PSYCHIATRY	2.055	1.29	7.0
MULTIPLE SCLEROSIS JOURNAL	9	Q1 (38/277)	CLINICAL NEUROLOGY	1.572	1.30	4.3
EUROPEAN JOURNAL OF OPHTHALMOLOGY	8	Q3 (61/95)	OPHTHALMOLOGY	0.480	0.60	1.4
EUROPEAN JOURNAL OF NEUROLOGY	7	Q1 (42/277)	CLINICAL NEUROLOGY	1.499	1.30	4.3

Selected 5 publications

- MEJÍA RENTERÍA, HERNÁN DAVID, TRAVIESO, ALEJANDRO, MATÍAS-GUIU ANTEM, JORDI, YUS FUERTES, MIGUEL, Espejo-Paeres, Carolina, Finocchiaro, Francesca, Fernandez, Sara, Ignacio Gomez-Escalonilla, Carlos, RENESES PRIETO, BLANCA, Dulcenombre Gomez-Garre, Maria, DELGADO ÁLVAREZ, ALFONSO, BUSTOS GARCIA DE CASTRO, ANA, PÉREZ DE ISLA, LEOPOLDO, Gomez de Diego, Jose Juan, Modrego-Martin, Javier, ORTEGA HERNÁNDEZ, ADRIANA, PAPADOPOULOS, PETROS, Arrazola-Garcia, Juan, MATÍAS-GUIU GUIA, JORGE, ESCANED BARBOSA, JAVIER. Coronary microvascular dysfunction is associated with impaired cognitive function: the cerebral-coronary connection study (C3 study). EUROPEAN HEART JOURNAL. 2023. 44 (2):113-125. DOI: 10.1093/eurheartj/ehac521. IF: 39,3. (D1).
- LÓPEZ CUENCA, INÉS, Nebreda, Alberto, Garcia-Colomo, Alejandra, GARCÍA MARTÍN, ELENA SALOBRAR, de Frutos-Lucas, Jaisalmer, Bruna, Ricardo, RAMÍREZ SEBASTIÁN, ANA ISABEL, Ramirez-Torano, Federico, SALAZAR CORRAL, JUAN JOSÉ, BARABASH BUSTELO, ANA MARÍA, GIL GREGORIO, PEDRO, MAESTU UNTURBE, FERNANDO, RAMÍREZ SEBASTIÁN, JOSÉ MANUEL, DE HOZ MONTAÑANA, ROSA. Early visual alterations in individuals at-risk of Alzheimer's disease: a multidisciplinary approach. ALZHEIMERS RESEARCH & THERAPY. 2023. 15 (1):- . DOI: 10.1186/s13195-023-01166-0. IF: 9. (D1).
- Hernaez, Bruno, Munoz-Gomez, Ana, Sanchiz, Africa, ORVIZ GARCÍA, EVA, VALLS CARBÓ, ADRIÁN, SAGASTAGOITIA FORNIE, IÑIGO, AYERDI AGUIRREBENGOA, OSKAR, MARTÍN HERRANZ, RICARDO, PUERTA LÓPEZ, MARIA TERESA, VERA GARCÍA, Mª DEL MAR, CABELLO CLOTET, NOEMI, VERGAS GARCÍA, JORGE, Prieto, Cristina, Pardo-Figueroa, Maria, Negro, Anabel, Lagaron, Jose Maria, DEL ROMERO GUERRERO, JORGE, ESTRADA PÉREZ, VICENTE, Alcamí, Antonio. Monitoring monkeypox virus in saliva and air samples in Spain: a cross-sectional study. Lancet Microbe. 2023. 4 (1):21-28. DOI: 10.1016/S2666-5247(22)00291-9. IF: 38,2. (D1).
- Hansen, Mathias L., Pellicer, Adelina, Hyttel-Sørensen, Simon, Ergeken, Ebru, Szczapa, Tomasz, Hagmann, Cornelia, Naulaers, Gunnar, Mintzer, Jonathan, Fumagalli, Monica, Dimitriou, Gabriel, Dempsey, Eugene, Tkaczyk, Jakub, Cheng, Guoqiang, Fredly, Siv, Heuchan, Anne M., Pichler, Gerhard, Fuchs, Hans, Nesargi, Saudamini, Hahn, Gitta H., Piris-Borregas, Salvador, Sirc, Jan, Alsina-Casanova, Miguel, Stocker, Martin, Ozkan, Hilal, Sarafidis, Kosmas, Hopper, Andrew O., Karen, Tanja, Rzepecka-Weglarz, Beata, Oguz, Serife S., ARRUZA GÓMEZ, LUIS, Memisoglu, Asli C., del Rio Florentino, Ruth, Baser-ga, Mariana, Maton, Pierre, Truttmann, Anita C., de las Cuevas, Isabel, Agergaard, Peter, Zafra, Pamela, Bender, Lars, Lauterbach, Ryszard, Lecart, Chantal, de Buyst, Julie, El-Khuffash, Afif, Curley, Anna, Vaccarello, Olalla O., Miletin, Jan, Papathoma, Evangelia, Vesoulis, Zachary, Vento, Giovanni, Cornette, Luc, Lopez, Laura S., Yasa, Beril, Klamer, Anja, Agosti, Massimo, Baud, Olivier, Mastretta, Emmanuele, Cetinkaya, Merih, McCall, Karen, Zeng, Shujuan, Hatzidaki, Eleftheria, Bargiel, Agata, Marciniak, Sylwia, Gao, Xiaoyan, Lin, HJ, Chalak, Lina, Yang, Ling, Rao, Shashidhar A., Xu, Xin, Gonzalez, Begona L., Wilinska, Maria, Yin, Zhaoqing, Sadowska-Krawczenko, Iwona, Serrano-Vinuales, Itziar, Krolak-Olejnik, Barbara, Ybarra, Marta M., Morales-Betancourt, Catalina, Korcek, Peter, Teresa-Palacio, Marta, Mosca, Fabio, Hergenhan, Anja, Koksai, Nilgun, Tsoni, Konstantia, Kadri, Munaf M., Knoepfli, Claudia, Rafinska-Wazny, Elzbieta, Akin, Mustafa S., Nordvik, Tone, Peng, Zhang, Kersin, Sinem G., Thewissen, Liesbeth, Alarcon, Ana, Healy, David, Urlesberger, Berndt, Bas, Muenewver, Baumgartner, Jana, Skylogianni, Eleni, Karadyova, Veronika, Valverde, Eva, Bergon-Sendin, Elena, Kucera, Jachym, Pisoni, Silvia, Wang, Le, Smits, Anne, Sanchez-Salvador, Rebeca, Rasmussen, Marie I., Olsen, Markus H., Jensen, Aksel K., Gluud, Christian, Jakobsen, Janus C., Greisen, Gorm. Cerebral Oximetry Monitoring in Extremely Preterm Infants. NEW ENGLAND JOURNAL OF MEDICINE. 2023. 388 (16):1501-1511. DOI: 10.1056/NEJMoa2207554. IF: 158,5. (D1).
- DÍEZ CIRARDA, MARÍA, YUS FUERTES, MIGUEL, GOMEZ RUIZ, MARIA NATIVIDAD, Polidura, Carmen, Gil-Martinez, Lidia, DELGADO ALONSO, CRISTINA, JORQUERA MOYA, MANUELA, GÓMEZ PINEDO, ULISES ALFONSO, MATÍAS-GUIU GUIA, JORGE, ARRAZOLA GARCÍA, JUAN LORENZO, MATÍAS-GUIU ANTEM, JORDI. Multimodal neuroimaging in post-COVID syndrome and correlation with cognition. Brain. 2023. 146 (5):2142-2152. DOI: 10.1093/brain/awac384. IF: 14,5. (D1).

Scientific production (2019 - 2023)

Evolution by type of documents



1,201

Nº of papers (WoS)

807

Nº of citable items

51.62

% OA

5,761

times cited

44.98

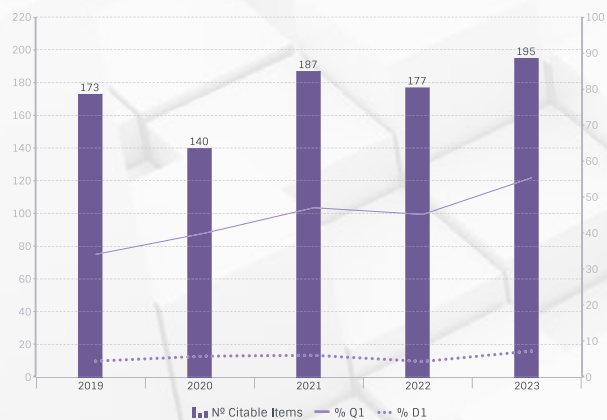
% Q1 (citable items)

11.89

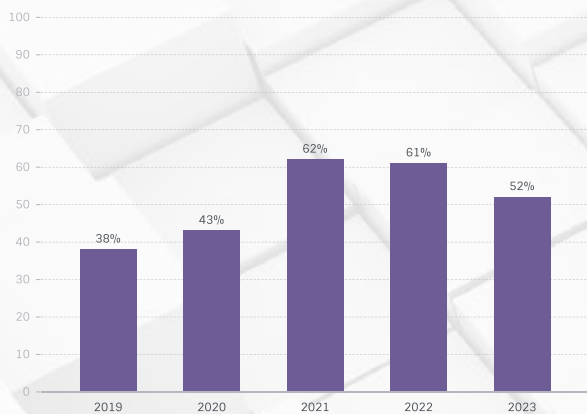
%D1 (citable items)

672

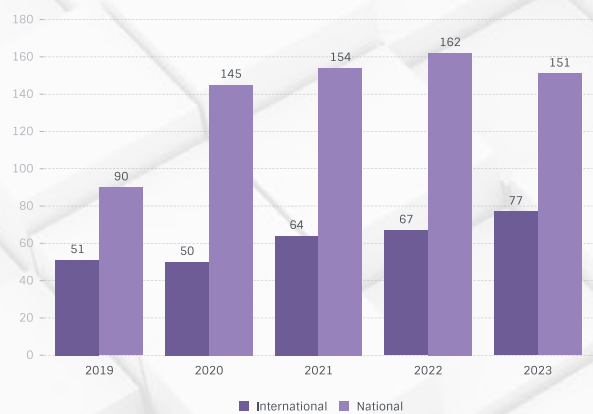
Citing Articles



Percentage open access (citable items wos)



Type of collaboration

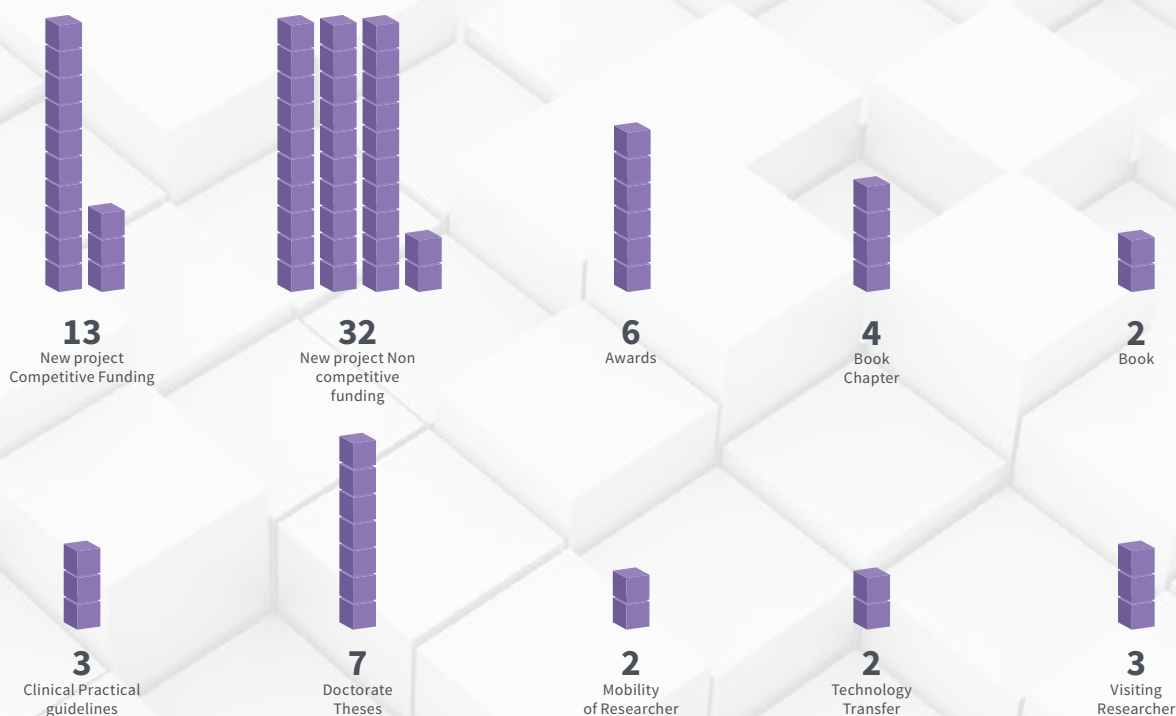


Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Acute-onset smell and taste disorders in the context of COVID-19: a pilot multicentre polymerase chain reaction based case-control study	EUROPEAN JOURNAL OF NEUROLOGY	242	2020	Q1 (42/277)	CLINICAL NEUROLOGY	1.499
Association of Initial Disease-Modifying Therapy With Later Conversion to Secondary Progressive Multiple Sclerosis	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	189	2019	Q1 (5/325)	MEDICINE, GENERAL & INTERNAL	27.856
Prevalence of post-COVID-19 symptoms in hospitalized and non-hospitalized COVID-19 survivors: A systematic review and meta-analysis	EUROPEAN JOURNAL OF INTERNAL MEDICINE	169	2021	Q1 (29/325)	MEDICINE, GENERAL & INTERNAL	1.328
Defining Post-COVID Symptoms (Post-Acute COVID, Long COVID, Persistent Post-COVID): An Integrative Classification	International Journal of Environmental Research and Public Health	142	2021	Q1 (45/182)	PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH - SSCI	0.866
Potential of Chitosan and Its Derivatives for Biomedical Applications in the Central Nervous System	Frontiers in Bioengineering and Biotechnology	75	2020	Q1 (56/174)	CATEGORY BIOTECHNOLOGY & APPLIED MICROBIOLOGY	0.927

105

Activity



NEC.1

Clinical and Neurobiological Research in Psychiatry and Mental Health

Leading researchers

Blanca Reneses Prieto

David Fraguas Herraiz

Members

Anna Aguilar Palacios

M^a Del Rosario Pérez Moreno

Beatriz Serván Rendon-Luna

M^a Isabel Ramos García

Diego Figuera Álvarez

María Dolores Saiz González

Isabel María Argudo Carpel

María Inés López-Ibor Alcocer

Julia García-Albea Martín

María Luisa Zamarro Arranz

Julia Sevilla Llewellyn-Jones

Marta García Huescar

Laura Oca Bravo

Nuria Tur Salamanca

Lucía Gallego Deike

Rosa María Molina Ruíz

ciber | **SAM**



Overview

The group's main objective is the study of risk and protective factors in individuals with mental and/or neurodevelopmental disorders. With a multidisciplinary identity at its core, the group harbors a translational spirit, coupled with a clinical inclination towards uncovering therapeutic targets and devising models for prevention and intervention in mental health.

Scientific production

13

Nº of papers
(WoS)

85%(11)

% Open
Access (Nº)

11

Nº of papers
JCR indexed

73%(8)

% Citable
Items (Nº)

63%(5)

Q1 (citable items)

50%(4)

D1 (citable items)

75.20

Cumulative IF

9.40

Average IF

Selected Publications

MEJÍA RENTERÍA, HERNÁN DAVID, TRAVIESO, ALEJANDRO, MATÍAS-GUIU ANTEM, JORDI, YUS FUERTES, MIGUEL, Espejo-Paeres, Carolina, Finocchiaro, Francesca, Fernandez, Sara, Ignacio Gomez-Escalonilla, Carlos, RENESES PRIETO, BLANCA, Dulcenombre Gomez-Garre, Maria, DELGADO ÁLVAREZ, ALFONSO, BUSTOS GARCIA DE CASTRO, ANA, PÉREZ DE ISLA, LEOPOLDO, Gomez de Diego, Jose Juan, Modrego-Martin, Javier, ORTEGA HERNÁNDEZ, ADRIANA, PAPADOPOULOS, PETROS, Arrazola-Garcia, Juan, MATÍAS-GUIU GUIA, JORGE, ESCANED BARBOSA, JAVIER. Coronary microvascular dysfunction is associated with impaired cognitive function: the cerebral-coronary connection study (C3 study). EUROPEAN HEART JOURNAL. 2023. 44 (2):113-125. DOI: 10.1093/eurheartj/ehac521. IF: 39,3. (D1).

RENESES PRIETO, BLANCA, Escudero, Almudena, Tur, Nuria, Aguera-Ortiz, Luis, Moreno, Dolores Maria, Saiz-Ruiz, Jeronimo, Rey-Bruguera, Mayelin, Pando, Maria-Fuencisla, Bravo-Ortiz, Maria-Fe, MORENO GONZÁLEZ, ALFONSO, Rey-Mejias, Angel, Singh, Swaran P.. The black hole of the transition process: dropout of care before transition age in adolescents. EUROPEAN CHILD & ADOLESCENT PSYCHIATRY. 2023. 32 (7):1285-1295. DOI: 10.1007/s00787-021-01939-8. IF: 6,4. (D1).

FRAGUAS HERRAEZ, DAVID, Almenta Gallego, David, Arques-Egea, Sergio, Gomez-Revuelta, Marcos, Gomez Sanchez-Lafuente, Carlos, Hernandez Huerta, Daniel, Nunez Arias, Daniel, Oda Plasencia-Garcia, Beatriz, Parro Torres, Carlos, Leopoldo Romero-Guillena, Samuel, Ros Cucurul, Elena, Alamo, Cecilio. Aripiprazole for the treatment of schizophrenia: Recommendations of a panel of Spanish experts on its use in clinical practice. International Journal of Psychiatry in Clinical Practice. 2023. 27 (1):82-91. DOI: 10.1080/13651501.2022.2064308. IF: 3. (Q3).

New Non Competitive Funding

ECL.22/552. ENSAYO CLÍNICO ABIERTO, MULTICÉNTRICO, ALEATORIZADO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE ARIPIPRÁZOL VS PALIPERIDONA / RISPERIDONA MEDIANTE DATOS MULTI-ÓMICOS EN PACIENTES CON UN PRIMER EPISODIO PSICÓTICO. PI: FRAGUAS HERRAEZ, DAVID.

ECL.23/205. ESTUDIO DE VALIDACIÓN DE UNA ESCALA DE EVALUACIÓN DE LA FUNCIONALIDAD AUTOPERCIBIDA (FAP-10) PARA PACIENTES CON ESQUIZOFRENIA. ESTUDIO VALFASS. VALIDATION STUDY OF A SELF-PERCEIVED FUNCTIONALITY ASSESSMENT SCALE (SPF-10) FOR PATIENTS WITH SCHIZOPHRENIA: VALFASS STUDY. PI: FRAGUAS HERRAEZ, DAVID."

ECL.22/656. ESTUDIO OBSERVACIONAL, NATURALÍSTICO, TRANSVERSAL PARA DESCRIBIR EL USO DE ESKETAMINA EN PULVERIZADOR NASAL EN LA DEPRESIÓN RESISTENTE AL TRATAMIENTO EN PRÁCTICA CLÍNICA REAL. PI: ZAMARRO ARRANZ, MARIA LUISA.

NEC.2

Advanced Research in Personality Disorders, Aggression and Impulse Control

Leading researchers

José Luis Carrasco Perera

Marina Francisca Díaz Marsá

Members

Alejandra Gálvez Merlín

Pablo Mola Cárdenes

Alejandro De La Torre Luque

Patricia Díaz Carracedo

Ana Montes Montero

Patricia Gómez Merino

Andrés Pemau Gurumeta

Pilar De La Higuera González

Irene De La Vega Rodríguez

Rafael Fernández García-Andrade

José Manuel López Villatoro

Sara González Vives

María Dolores Morón Nozaleda

Verónica Fernández Rodrigues

Miguel Yus Fuertes

Wala Ayad Ahmed



Overview

The group of advanced research in personality disorders, aggression and impulse control has steadily grown over the last fifteen years, on a scope consisting of severe behavioral pathologies, other than schizophreniform disorders, bipolar disorders or organic-brain disorders. The group covers the so-called personality impulsive disorders (borderline, histrionic, antisocial), explosive aggression disorders (intermittent explosive disorder), self-harm disorders (self-injurious behavior or self-mutilation, suicide) and pathological impulsive disorders (nervous bulimia and related disorders, pathological gambling and other disorders of impulse control).

The research has covered from the biological study of impulsive personality traits (Carrasco et al, 1994, Díaz-Marsá et al, 2000), through neurochemical (serotonergic depletion, hypothalamic-pituitary response, platelet MAO activity) and psychological indices (personality structure, neuropsychological function, coping mechanisms) of aggressive and eating impulsive disorders (Carrasco et al, 2000, 2007, 2010) (Díaz-Marsá et al, 2007, 2009) to the current research on neuro-impulsivity (RNM, magnetoencephalography) of involved psychogenic factors, such as childhood trauma, emotional and affective response, and attention deficit disorder.

Scientific production

30

Nº of papers (WoS)

57%(17)

% Open Access (Nº)

26

Nº of papers JCR indexed

65%(17)

% Citable Items (Nº)

47%(8)

Q1 (citable items)

24%(4)

D1 (citable items)

119.00

Cumulative IF

7.00

Average IF

Selected Publications

DÍAZ MARSÁ, MARINA FRANCISCA, PEMAU GURUMETA, ANDRÉS, DE LA TORRE LUQUE, ALEJANDRO, Vaz-Leal, Francisco, Rojo-Moreno, Luis, Beato-Fernandez, Luis, Graell, Montserrat, Carrasco-Díaz, Alvaro, CARRASCO PERERA, JOSÉ LUIS. Executive dysfunction in eating disorders: Relationship with clinical features. PROGRESS IN NEUROPSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY. 2023. 120. DOI: 10.1016/j.pnpbp.2022.110649. IF: 5,6. (Q1).

DE LA TORRE LUQUE, ALEJANDRO, PEMAU GURUMETA, ANDRÉS, Ayad-Ahmed, Wala, Borges, Guilherme, Fernandez-Sevillano, Jessica, Garrido-Torres, Nathalia, Garrido-Sanchez, Lucia, Garriga, Marina, Gonzalez-Ortega, Itxaso, Gonzalez-Pinto, Ana, Grande, Iria, Guinovart, Martí, Hernandez-Calle, Daniel, Jimenez-Trevino, Luis, Lopez-Sola, Clara, Mediavillab, Roberto, Perez-Aranda, Adrian, Ruiz-Veguilla, Miguel, Seijo-Zazo, Elisa, Toll, Alba, Perez-Sola, Victor, Ayuso-Mateos, Jose Luis, SURVIVE Consortium. Risk of suicide attempt repetition after an index attempt: A systematic review and meta-analysis. GENERAL HOSPITAL PSYCHIATRY. 2023. 81:51-56. DOI: 10.1016/j.genhosp-psych.2023.01.007. IF: 7. (Q1).

PEREZ GARCIA, CARLOS NICOLAS, Lopez-Frias, Alfonso, ARRAZOLA GARCÍA, JUAN LORENZO, GIL MARTÍNEZ, LIDIA, GARCÍA-RAMOS GARCÍA, ROCÍO, Fernandez Revuelta, Ana, ALONSO FRECH, FERNANDO, LOPEZ VALDES, EVA, TRONDIN, ALBERT, YUS FUERTES, MIGUEL. Four-tract probabilistic tractography technique for target selection in essential tremor treatment with magnetic resonance-guided focused ultrasound. EUROPEAN RADIOLOGY. 2023. DOI: 10.1007/s00330-023-10431-7. IF: 5,9. (Q1).

Awards

Researcher aware: Wala Ayad-Ahmed, Verónica Fernández Rodrigues, José Manuel López Villatoro, Adriana García Ramos, Paola Marin Santos, Alejandro de la Torre-Luque. Award: Premio mejor proyecto de Investigación (Foro Psiquiátrico 2023). Winning work: Perfiles inflamatorios en mujeres con un trastorno de la conducta alimentaria: vinculación de biomarcadores inflamatorios con endofenotipos clínicos.

Clinical Practice Guidelines

Rodenas-Perea, Gabriel, Bellido-Zanin, Gloria, Pastor-Morales, Joaquín, DE LA VEGA RODRIGUEZ, IRENE, Guarch-Oncins, Marina, Prado-Abril, Javier. Dear Trainees, Take Care of Yourself: A Guide to Surviving Clinical Psychology. Papeles del Psicólogo. 2023. Consejo General de Colegios Oficiales de Psicólogos. 10.23923/pap.psicol.3014.

New Competitive Funding

P2022/BMD-7216. Ambiente y Genes en Esquizofrenia (AGES-CM 3). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NEC.3

Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

Leading researcher

Alberto Marcos Dolado

Members

Ana María López Sobaler

Aranzazu Aparicio Vizuet

Fernando Maestu Unturbe

Jaime Gómez Ramírez

Javier Pacios García

Laura María Bermejo López

María Eugenia López García

María Luisa Delgado Losada

Pablo Cuesta Prieto

Ramon López-Higes Sánchez

Ricardo Bruña Fernández

Rosa María Ortega Anta

Overview

The team works in a multidisciplinary way since the late 70s. Initially, it consisted of specialists from the Psychiatric, Neurophysiology, Nuclear Medicine and Endocrinology Services from the Hospital Clínico San Carlos, with a common interest in Neuroscience. Over time, the group has been structured and the participation of physicians in the Neurology and Geriatric Services has increased. Extensive clinical, teaching and research activities in different pathologies of this field have resulted from this work, the first publications appearing in 1979. Since 2000, the team has a Molecular Genetic Research Laboratory within the Research Unit of the Hospital Clínico San Carlos, and since early 2010, the chief of the Magnetoencephalography Center of the Complutense University of Madrid joined the group, responding to the current need of new technologies in the field of neuroimaging and genetics, in our line of multidisciplinary work.

Scientific production

19

Nº of papers (WoS)

95%(18)

% Open Access (Nº)

16

Nº of papers JCR indexed

100%(16)

% Citable Items (Nº)

50%(8)

Q1 (citable items)

6%(1)

D1 (citable items)

78.41

Cumulative IF

4.90

Average IF

Selected Publications

Salas-Gonzalez, Maria Dolores, del Carmen Lozano-Estevan, Maria, APARICIO VIZUETE, ARANZAZU, BERMEJO LOPEZ, LAURA MARIA, Loria-Kohen, Viviana, ORTEGA ANTA, ROSA MARIA, LOPEZ SOBALER, ANA MARIA. Breakfast Quality and Insulin Resistance in Spanish Schoolchildren: A Cross-Sectional Study. *International Journal of Environmental Research and Public Health*. 2023. 20 (2):- DOI: 10.3390/ijerph20021181. IF: 4,614. (Q1).

Salas-Gonzalez, Maria Dolores, Bermejo, Laura M. M., Gonzalez-Rodriguez, Liliana G. G., Lozano-Estevan, Maria Del Carmen, Ortega, Rosa M. M., LOPEZ SOBALER, ANA MARIA. Adherence to 24-h movement guidelines in Spanish schoolchildren and its association with insulin resistance: a cross-sectional study. *Frontiers In Public Health*. 2023. 11 ():- DOI: 10.3389/fpubh.2023.1146580. IF: 5,2. (Q1).

Lorenzo-Mora, Ana M., LOPEZ SOBALER, ANA MARIA, BERMEJO LOPEZ, LAURA MARIA, Gonzalez-Rodriguez, Liliana G., Cuadrado-Soto, Esther, Peral-Suarez, Africa, Salas-Gonzalez, Maria Dolores, DELGADO LOSADA, MARIA LUISA, Rodriguez-Rojo, Inmaculada C., BARABASH BUSTELO, ANA MARÍA, MAESTU UNTURBE, FERNANDO, APARICIO VIZUETE, ARANZAZU. Association between Mineral Intake and Cognition Evaluated by Montreal Cognitive Assessment (MoCA): A Cross-Sectional Study. *NUTRIENTS*. 2023. 15 (21):- DOI: 10.3390/nu15214505. IF: 5,9. (Q1).

Alliances

Spanish Consortium for Ageing Normative Data: SCAND. Ramon Lopez Higes, Marisa Delgado.

Doctoral Thesis

Doctoral candidate: Lucía Torres Simón. Thesis Title: Caracterización Del Funcionamiento Cerebral, Su Estructura Y la Cognición Asociados Al Daño Cerebrovascular en El Envejecimiento. Director(s): Fernando Maestú, Pablo Cuesta. University: Universidad Complutense de Madrid.

Clinical Practice Guidelines

Salas-Gonzalez, Maria Dolores, Bermejo, Laura M. M., Gonzalez-Rodriguez, Liliana G. G., Lozano-Estevan, Maria Del Carmen, Ortega, Rosa M. M., LOPEZ SOBALER, ANA MARIA. Adherence to 24-h movement guidelines in Spanish schoolchildren and its association with insulin resistance: a cross-sectional study. *Frontiers In Public Health*. 2023. FRONTIERS MEDIA SA. 10.3389/fpubh.2023.1146580.

New Competitive Funding

European Union (SC1-BHC-06-2020 964220). AI-MIND: INTELLIGENT DIGITAL TOOLS FOR SCREENING OF BRAIN CONNECTIVITY AND DEMENTIA RISK ESTIMATION IN PEOPLE AFFECTED BY MILD COGNITIVE IMPAIRMENT. PI: FERNANDO MAESTU / IRA HARELDSEN. Funding organisation: European Union.

NEC.6

Neurological Diseases

Leading researcher

Jorge Matías-Guiu Guía

Members

Alejandro Horga Hernández

Alfonso Delgado Álvarez

Antonio Guerrero Sola

Beatriz Parejo Carbonell

Belén Ramirez Nicolás

Belén Selma Calvo Fernández

Carlos Ignacio Gómez-Escalonilla Escobar

Clara Lastras Fernández-Escandón

Constanza Elisabet Cuevas Estancona

Cristina Delgado Alonso

Elena Mostacero Morcillo

Esteban Sanesteban Beceiro

Eva López Valdes

Fernando Alonso Frech

Francisco Javier Martínez Orozco

Gema Muñoz Fernández

Gloria González González

Irene García Morales

Irene García Toledo

Javier Martínez Poles

Jesús Jiménez Rodríguez

Jesús Porta Etessam

Jordi Matías-Guiu Antem

José Antonio Egido Herrero

José Luis Carreras Delgado

José Luis González Gutiérrez

Juan Miguel Godoy Corchuelo

Laura Fernández Hernández

Laura Martínez Vicente

Lidia Peña De Diego

Lucía Fernández Romero

Lucía Galán Dávila

Luis Carlos Fernández Beltrán

Luis José Lopez-Ibor Aliño

Mª Luz Cuadrado Pérez

Mª Soledad Benito Martín

María Blanca García Raldúa

María Díez Cirarda

María Inmaculada Cuenca Blázquez

María Isabel Villalibre Valderrey

María José Catalán Alonso

María José Gil Moreno

María Nieves Cabrera Martín

María Romeral Jiménez

María Valles Salgado

Marta Palacios Sarmiento

Pablo Mayo Rodríguez

Paloma Balugo Bengoechea

Paloma Montero Escribano

Patricia Simal Hernández

Rocío García-Ramos García

Sarah De La Fuente Martín

Sarai Urriaga Valle

Silvia Corrochano Sánchez

Silvia Oliver Mas

Susana Martín Albarrán

Teresa Moreno Ramos

Ulises Alfonso Gómez Pinedo

Victor Gómez Mayordomo

Scientific production

77

Nº of papers
(WoS)

60% (46)

% Open
Access (Nº)

73

Nº of papers
JCR indexed

73% (53)

% Citable
Items (Nº)

43% (23)

Q1 (citable items)

15% (8)

D1 (citable items)

301.00

Cumulative IF

5.68

Average IF





Overview

This group of researchers is composed by clinical specialists from the Neurology Service of the Hospital San Carlos and from other related services within the Institute of Neuroscience. Furthermore, they are also involved in the Clinical Neuroscience research group at UCM. The common interest of these researchers is their work on projects and research programs in neurological and neuromuscular diseases, from the methodology, epidemiology, mechanisms, clinic and therapeutics in coordination with other groups of the Institute.

Selected Publications

DÍEZ CIRARDA, MARÍA, YUS FUERTES, MIGUEL, GOMEZ RUIZ, MARIA NATIVIDAD, Polidura, Carmen, Gil-Martinez, Lidia, DELGADO ALONSO, CRISTINA, JORQUERA MOYA, MANUELA, GÓMEZ PINEDO, ULISES ALFONSO, MATÍAS-GUIU GUIA, JORGE, ARRAZOLA GARCÍA, JUAN LORENZO, MATÍAS-GUIU ANTEM, JORDI. Multimodal neuroimaging in post-COVID syndrome and correlation with cognition. *Brain*. 2023. 146 (5):2142-2152. DOI: 10.1093/brain/awac384. IF: 14,5. (D1).

Hancock, Laura M., Galioto, Rachel, Samsonov, Alexey, Busch, Robyn M., Hermann, Bruce, MATÍAS-GUIU ANTEM, JORDI. A proposed new taxonomy of cognitive phenotypes in multiple sclerosis: The International Classification of Cognitive Disorders in MS (IC-CoDiMS). *MULTIPLE SCLEROSIS JOURNAL*. 2023. 29 (45416):615-627. DOI: 10.1177/13524585221127941. IF: 5,8. (Q1).

DÍEZ CIRARDA, MARÍA, YUS FUERTES, MIGUEL, Sanchez-Sanchez, Rafael, Gonzalez-Rosa, Javier J., Gonzalez-Escamilla, Gabriel, GIL MARTÍNEZ, LIDIA, DELGADO ALONSO, CRISTINA, GIL MORENO, MARIA JOSE, VALLES SALGADO, MARÍA, Cano-Cano, Fatima, Ojeda-Hernandez, Denise, GOMEZ RUIZ, MARIA NATIVIDAD, OLIVER MAS, SILVIA, BENITO MARTIN, M^a SOLEDAD, JORQUERA MOYA, MANUELA, DE LA FUENTE MARTÍN, SARAH, POLIDURA ARRUGA, MARIA DEL CARMEN, SELMA CALVO FERNÁNDEZ, BELÉN, ARRAZOLA GARCÍA, JUAN LORENZO, MATÍAS-GUIU GUIA, JORGE, GÓMEZ PINEDO, ULISES ALFONSO, MATÍAS-GUIU ANTEM, JORDI. Hippocampal subfield abnormalities and biomarkers of pathologic brain changes: from SARS-CoV-2 acute infection to post-COVID syndrome. *EBioMedicine*. 2023. 94. DOI: 10.1016/j.ebiom.2023.104711. IF: 11,1. (D1).

Clinical Practice Guidelines

PEREZ GARCIA, CARLOS NICOLAS, Lopez-Frias, Alfonso, ARRAZOLA GARCÍA, JUAN LORENZO, GIL MARTÍNEZ, LIDIA, GARCÍA-RAMOS GARCÍA, ROCÍO, Fernandez Revuelta, Ana, ALONSO FRECH, FERNANDO, LOPEZ VALDES, EVA, TRONDIN, ALBERT, YUS FUERTES, MIGUEL. Four-tract probabilistic tractography technique for target selection in essential tremor treatment with magnetic resonance-guided focused ultrasound. *EUROPEAN RADIOLOGY*. 2023. SPRINGER. 10.1007/s00330-023-10431-7.

New Competitive Funding

CD22/00043. Contrato Sara Borrell - María Díez Cirarda. PI: MATÍAS-GUIU ANTEM, JORDI. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PIPF-2022/SAL-GL-24282. Contratos de personal investigador predoctoral 2022: Irene García Toledo. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding organisation: CONSEJERIA DE CIENCIA, UNIVERSIDADES E INNOVACIÓN.

PI22/00677. ENSAYO CLINICO RANDOMIZADO Y DOBLE CIEGO DE ESTIMULACION MAGNETICA TRANSCRANEAL A LARGO PLAZO EN LA AFASIA PROGRESIVA PRIMARIA (RECONNECT-PPA). PI: MATÍAS-GUIU ANTEM, JORDI. Funding organisation: INSTITUTO DE SALUD CARLOS III.

SCS.CAM.22. Estudio de las alteraciones del metabolismo lipídico en Esclerosis Lateral Amiotrófica (ELA) y la Demencia Fronto-Temporal (DFT): trabajando en prevención. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding organisation: CONSEJERIA DE CIENCIA, UNIVERSIDADES E INNOVACIÓN.

2022-5A/BMD-24221. Talento Quinto Año - Silvia Corrochano. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

New Non Competitive Funding

ECL.23/484. A PHASE 2A, RANDOMIZED, PLACEBO-CONTROLLED, DOUBLE-BLIND STUDY TO INVESTIGATE REM0046127 IN MILD TO MODERATE ALZHEIMER'S DISEASE. PI: MATÍAS-GUIU ANTEM, JORDI.

ECL.21/654. CONTRIBUTE: A GLOBAL OBSERVATIONAL MULTI-CENTER LONG-TERM STUDY OF PATIENTS WITH TRANSTHYRETIN (TTR)-MEDIATED AMYLOIDOSIS (ATTR AMYLOIDOSIS). PI: GALÁN DÁVILA, LUCÍA.

ECL.23/036. ELEGANCE- UN ESTUDIO OBSERVACIONAL SOBRE LA EFICACIA Y SEGURIDAD A LARGO PLAZO DEL GEL INTESTINAL DE LEVODOPA-ENTACAPONA-CARBDOPA (LECIGON®) EN EL CUIDADO RUTINARIO DE PACIENTES CON ENFERMEDAD DE PARKINSON AVANZADA. PI: GARCÍA-RAMOS GARCÍA, ROCÍO.

ECL.22/648. ESTUDIO ALEATORIO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, EFICACIA, FARMACOCINÉTICA Y FARMACODINÁMICA DE ABBV-916 EN SUJETOS CON ENFERMEDAD DE ALZHEIMER TEMPRANA. PI: MATÍAS-GUIU ANTEM, JORDI."

ECL.22/150. ESTUDIO DE EXTENSIÓN, ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ION-682884 A LARGO PLAZO EN PACIENTES CON POLINEUROPATÍA AMILOIDÓTICA FAMILIAR POR TRANSTIRRETINA. PI: GALÁN DÁVILA, LUCÍA.

ECL.22/632. ESTUDIO DE FASE 3, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFI-

CACIA Y LA SEGURIDAD DE AL001 EN PACIENTES CON RIESGO O CON DEMENCIA FRONTOTEMPORAL CAUSADA POR MUTACIONES HETEROCIGOTAS EN EL GEN DE LA PROGRANULINA. PI: MATÍAS-GUÍU ANTEM, JORDI."

ECL.22/578. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE GRUPOS PARALELOS PARA DEMOSTRAR LA EFICACIA Y LA SEGURIDAD DE MILVEXIÁN, UN INHIBIDOR ORAL DEL FACTOR XIA, PARA LA PREVENCIÓN DE ACCIDENTES CEREBROVASCULARES DESPUÉS DE UN ACCIDENTE CEREBROVASCULAR ISQUÉMICO AGUDO O UN ACCIDENTE ISQUÉMICO TRANSITORIO DE ALTO RIESGO. PI: EGIDO HERRERO, JOSÉ ANTONIO."

ECL.22/702. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD Y LA EFICACIA DE XEN1101 COMO TRATAMIENTO COMPLEMENTARIO EN LAS CRISIS CONVULSIVAS DE INICIO FOCAL. PI: GARCÍA MORALES, IRENE."

ECL.22/541. ESTUDIO DE LOS FACTORES PREDICTORES DE EVOLUCIÓN MEDIANTE LA APLICACIÓN DE LA INTELIGENCIA ARTIFICIAL EN LA AMILOIDOSIS HEREDITARIA POR TRANSTIRRETINA (ATTRV). PI: HORGA HERNÁNDEZ, ALEJANDRO; MARTÍNEZ VICENTE, LAURA."

ECL.23/419. ESTUDIO OBSERVACIONAL DE LOS RESULTADOS Y SEGURIDAD DE LA TALAMOTOMÍA BILATERAL SOBRE VIM EN PACIENTES CON TEMBLOR ESENCIAL. PI: GARCÍA-RAMOS GARCÍA, ROCÍO."

ECL.23/187. ESTUDIO OBSERVACIONAL, PROSPECTIVO, LONGITUDINAL Y MULTINACIONAL PARA DESCRIBIR LA CARGA DE LA ENFERMEDAD Y LOS PATRONES DE TRATAMIENTO EN PACIENTES CON MIGRAÑA (CAPTURE). PI: PORTA ETESSAM, JESÚS."

ECL.23/121. EVALUACIÓN DE LA RESPUESTA CLÍNICA A LARGO PLAZO A LA NEUROTOXINA BOTULÍNICA (BONT) EN LA DISTONÍA CERVICAL - EVIDENCIA REAL DE LA LONGEVIDAD DE LA BONT EN LA DISTONÍA CERVICAL (RELY-CD). PI: LOPEZ VALDES, EVA."

ECL.23/221. TIMELY DIAGNOSIS OF DEMENTIA IN MINORITY ETHNIC GROUPS IN EUROPE (TIMING). PI: MATÍAS-GUÍU ANTEM, JORDI."

ECL.23/350. ESTUDIO ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE LA GANAXOLONA POR VÍA INTRAVENOSA COMO TRATAMIENTO COMPLEMENTARIO AL TRATAMIENTO DE REFERENCIA DEL ESTADO EPI-LÉPTICO REFRACTARIO. PI: GARCÍA MORALES, IRENE."

Technology Transfer

BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. European Patent Application no. EP15869394.5 (entry into the European phase based on International Application PCT/ES2015/070909). Application date: 24/06/17. Withdrawal date: 17/8/20. Ownership: 100% FIBHCSC.

NEC.7

Research group on environmental factors in degenerative diseases

Leading researcher

Roberto Álvarez Lafuente

Members

Carla Rodríguez García

Isabel Ortega Madueño

María Ángel García Martínez

María Inmaculada Domínguez Mozo

María José Torrejón Martínez

Virginia Portolés Bayod



Overview

The main research line of the Multiple Sclerosis Research Group of the “Instituto de Investigación Sanitaria San Carlos” is the study of the implication of environmental factors in the etiopathogenesis of multiple sclerosis and its possible utility as biomarkers in the prognosis of the disease and in the response to treatment, as well as the study of the mechanisms involved in the interaction between these environmental factors and the multiple sclerosis susceptibility genetic factors. In 1997 we began a new line of pioneering research in Spain: the study of the possible involvement of herpesviruses in the etiopathogenesis of multiple sclerosis; internationally validated detection protocols and multiple collaborations have been established at national and international levels, and a number of projects have been developed that have been financed on a continuous basis both public (FIS) and privately, which has allowed us to publish more than 40 international articles on this particular topic. In recent years, the study of other environmental factors, such as the JC virus and vitamin D, and the study of human endogenous retroviruses (HERVs) have also been included. Finally, in all this time, there have been also studies of interaction between the different genetic factors of susceptibility and the environmental factors studied, in order to deepen the possible mechanisms involved in the origin of the disease.

Scientific production

13

Nº of papers (WoS)

38%⁽⁵⁾

% Open Access (Nº)

13

Nº of papers JCR indexed

54%⁽⁷⁾

% Citable Items (Nº)

100%⁽⁷⁾

Q1 (citable items)

29%⁽²⁾

D1 (citable items)

71.10

Cumulative IF

10.16

Average IF

Selected Publications

DOMÍNGUEZ MOZO, MARÍA INMACULADA, Gonzalez-Suarez, Ines, Villar, Luisa Maria, Costa-Frossard, Lucienne, Villarrubia, Noelia, Aladro, Yolanda, Pilo, Belen, Montalban, Xavier, Comabella, Manuel, Casanova-Peno, Ignacio, Martinez-Gines, Maria Luisa, Garcia-Dominguez, Jose Manuel, GARCÍA MARTÍNEZ, MARÍA ÁNGEL, Arroyo, Rafael, ÁLVAREZ LAFUENTE, ROBERTO. Teriflunomide and Epstein-Barr virus in a Spanish multiple sclerosis cohort: *in vivo* antiviral activity and clinical response. FRONTIERS IN IMMUNOLOGY. 2023. 14 (1):-. DOI: 10.3389/fimmu.2023.1248182. IF: 7,3. (Q1).

Casanova, Ignacio, DOMÍNGUEZ MOZO, MARÍA INMACULADA, De Torres, Laura, Aladro-Benito, Yolanda, GARCÍA MARTÍNEZ, MARÍA ÁNGEL, Gomez, Patricia, Abellan, Sara, De Antonio, Esther, ÁLVAREZ LAFUENTE, ROBERTO. MicroRNAs Associated with Disability Progression and Clinical Activity in Multiple Sclerosis Patients Treated with Glatiramer Acetate. Biomedicines. 2023. 11 (10):-. DOI: 10.3390/biomedicines11102760. IF: 4,7. (Q1).

Fissolo, Nicolas, Benkert, Pascal, Sastre-Garriga, Jaume, Mongay-Ochoa, Neus, Vilaseca-Jolonch, Andreu, Llufriu, Sara, Blanco, Yolanda, Hegen, Harald, Berek, Klaus, Perez-Miralles, Francisco, Rejdak, Konrad, Villar, Luisa M., Monreal, Enric, ÁLVAREZ LAFUENTE, ROBERTO, Soyly, Onder K., Abdelhak, Ahmed, Bachhuber, Franziska, Tuman, Hayrettin, Martinez-Yelamos, Sergio, Sanchez-Lopez, Antonio J., Garcia-Merino, Antonio, Gutierrez, Lucia, Castillo-Trivino, Tamara, Lycke, Jan, Rosenstein, Igal, Furlan, Roberto, Filippi, Massimo, Tellez, Nieves, Ramio-Torrenta, Lluís, Lunemann, Jan D., Wiendl, Heinz, Eichau, Sara, Khalil, Michael, Kuhle, Jens, Montalban, Xavier, Comabella, Manuel. Serum biomarker levels predict disability progression in patients with primary progressive multiple sclerosis. JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY. 2023. DOI: 10.1136/jnnp-2023-332251. IF: 11. (D1).

New Competitive Funding

EUR.HHV.IDM.22. ULTRASENSITIVE DETECTION OF ANTI-HHV-6 MAJOR CAPSID PROTEIN IGG IN MULTIPLE SCLEROSIS PATIENTS. PI: DOMÍNGUEZ MOZO, MARÍA INMACULADA. Funding organisation: FOUNDATION HHV-6.

New Non Competitive Funding

ECL.22/452. ESTUDIO DE LA RESPUESTA INMUNITARIA HUMORAL FRENTE A HERPESVIRUS Y DE LA TRANSACTIVACIÓN DEL RETROVIRUS ENDÓGENO HUMANO W EN PACIENTES DE ESCLEROSIS MÚLTIPLE EN TRATAMIENTO INMUNOSUPRESOR Y SU RELACIÓN CON LA RESPUESTA INMUNITARIA FRENTE A SARS-CoV2. PI: ÁLVAREZ LAFUENTE, ROBERTO.

Research Mobility

Research mobility: Stefano Ruberto. Country: Italia. Center: Universidad de Sassari. Date of departure: 45017. Return date: 45291.

Technology Transfer

Desarrollo de anticuerpos monoclonales frente a la proteína Syncytin 1 y sus derivados para su aplicación en Citometría de flujo, inmunocitoquímica e inmunohistoquímica. ACUERDO ENTRE COTITULARES PARA LA GESTIÓN Y COMERCIALIZACIÓN DE SU INVENCIÓN PARA USOS DE INVESTIGACIÓN Y USO CLÍNICO EN DIAGNÓSTICO. Application date: 23/11/2022.

NEC.9

Brain Mapping

Leading researcher

Pablo Bascuñana Almarcha

Members

Eva Mª Moreno Montes

Francisca Gómez Oliver

José Antonio Hinojosa Poveda

Karla Verónica Slowing Barillas

Luis García García

Miguel Ángel Pozo García

Nira Hernández Martín

Rubén Fernández De La Rosa



Overview

Our research center has broad experience in the study of brain function. Its activities provide both infrastructure and know-how services to the University community as well as to companies interested in the application of methodologies to explore brain activity. The research unit uses techniques such as electroencephalography and PET imaging in humans as well as molecular imaging microPET techniques in rodents. In the EEG lab, we are interested in exploring the neural and behavioral mechanisms that underlay perceptual, memory or inhibitory processes with a especial focus on high level language functions and their interaction with affective variables. The molecular imaging PET lab focuses in developing pre-clinical PET/CT imaging tools in numerous applications including: metabolic consumption imaging, physiology and functional neuroimaging and the development of new tracers for imaging. Our Brain Mapping center holds an R&D agreement with Curium Pharma Spain, which focuses on the release of new radiopharmaceuticals for PET imaging and in innovative procedures for medical diagnosis in line with the latest scientific developments in the field.

Scientific production

9

Nº of papers
(WoS)

56%⁽⁵⁾

% Open
Access (Nº)

9

Nº of papers
JCR indexed

56%⁽⁵⁾

% Citable
Items (Nº)

60%⁽³⁾

Q1 (citable items)

17.49

Cumulative IF

3.50

Average IF

Selected Publications

Slowing, Karla, Gomez, Francisca, Delgado, Mercedes, Fernandez de la Rosa, Ruben, Hernandez-Martin, Nira, POZO GARCÍA, MIGUEL ANGEL, GARCÍA GARCÍA, LUIS. PET Imaging and Neurohistochemistry Reveal that Curcumin Attenuates Brain Hypometabolism and Hippocampal Damage Induced by Status Epilepticus in Rats. *Planta Medica*. 2023. 89 (4):364-376. DOI: 10.1055/a-1948-4378. IF: 2,687. (Q1).

GARCÍA GARCÍA, LUIS, Gomez, Francisca, Delgado, Mercedes, Fernandez de la Rosa, Ruben, POZO GARCÍA, MIGUEL ANGEL. The vasodilator naftidrofuryl attenuates short-term brain glucose hypometabolism in the lithium-pilocarpine rat model of status epilepticus without providing neuroprotection. *EUROPEAN JOURNAL OF PHARMACOLOGY*. 2023. 939 (-):-. DOI: 10.1016/j.ejphar.2022.175453. IF: 5. (Q1).

Hernandez-Martin, Nira, Gomez, Francisca, Silvan, Aegata, de la Rosa, Ruben Fernandez, DELGADO WALLACE, MERCEDES, BASCUÑANA ALMARCHA, PABLO, Pozo, Miguel Aengel, GARCÍA GARCÍA, LUIS. A Single High Dose of Flufenamic Acid in Rats does not Reduce the Damage Associated with the Rat Lithium-Pilocarpine Model of Status Epilepticus but Leads to Deleterious Outcomes. *JOURNAL OF INTEGRATIVE NEUROSCIENCE*. 2023. 22 (3):- DOI: 10.31083/j.jin2203075. IF: 1,8. (Q4).

Doctorate Theses

Doctoral candidate: Nira Hernández Martín. Thesis Title: Implicación de la actividad glial en el desarrollo de la epileptogénesis mediante estudios longitudinales de neuroimagen PET. Director(s): Miguel Ángel Pozo García, Eduardo Daniel Martín Montiel. University: Universidad Complutense de Madrid.

New Competitive Funding

PI22/00446. Evaluación de cambios metabólicos tempranos como biomarcador de neurodegeneración. PI: BASCUÑANA ALMARCHA, PABLO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

IHMC22/00032. Acciones Individuales MSCA - Sello de Excelencia ISCIII-HEALTH: Mirjam Brackhan. PI: BRACKHAN, MIRJAM. Funding organisation: INSTITUTO DE SALUD CARLOS III.

NEC.13

Neurotransmission and purinergic signalling

Leading researcher

Esmerilda García Delicado

Members

Álvaro Sebastián Serrano

Antonio Rodríguez Artalejo

Beatriz Álvarez Castelao

Celia Llorente Sáez

Esmerilda García Delicado

Felipe Ortega

Irene Jarama Martín

Julia Serrano López

Lucía Soria Tobar

Luis Alcives Olivos Oré

M^a Victoria Barahona Gomariz

Marina Arribas Blázquez

Miguel Díaz Hernández

Ráquel Pérez Sen

Rodrigo Álvarez Pardo

Rosa Gómez Villafuertes



Overview

The main focus of our research lies on the study of nucleotide receptor signalling at the the central and peripheral nervous system and its role in processes such as neuronal survival, differentiation, regeneration and plasticity. The diverse functions regulated by nucleotides are triggered by the activation of both ionotropic (P2X) and metabotropic (P2Y) receptors, widely distributed in different neuronal, astrocytic and microglial cell populations. Recently, we have described the neuroprotective properties of P2Y13 and P2X7 receptors against different apoptotic stimuli, as well as their capacity to enhance the survival function of the neurotrophin BDNF, by regulating MAPK and GSK3 signaling proteins, and dual specificity phosphatases DUSPs. In addition, these signaling mechanisms are also involved in transcriptional regulation of the P2X7 receptor and the vesicular nucleotide transporter (VNUT). A new promising research line is focused on nucleotide-mediated mechanisms regulating adult neurogenesis, cerebellar ataxia and neuropathic pain.

Scientific production

6

Nº of papers
(WoS)

100% (6)

% Open
Access (Nº)

6

Nº of papers
JCR indexed

100% (6)

% Citable
Items (Nº)

50% (3)

Q1 (citable items)

33% (2)

D1 (citable items)

44.10

Cumulative IF

7.35

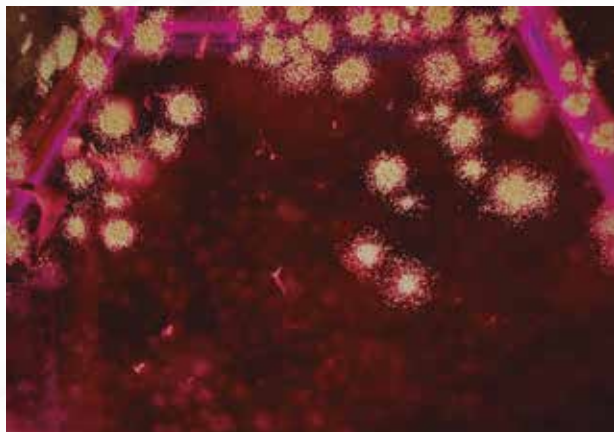
Average IF

Selected Publications

BIANCHI, CAROLINA, ÁLVAREZ CASTELAO, BEATRIZ, SEBASTIÁN SERRANO, ÁLVARO, Di Lauro, Caterina, SORIA TOBAR, LUCIA, Nicke, Annette, Engel, Tobias, DÍAZ HERNÁNDEZ, MIGUEL. P2X7 receptor inhibition ameliorates ubiquitin-proteasome system dysfunction associated with Alzheimer's disease. *ALZHEIMERS RESEARCH & THERAPY*. 2023. 15 (1):- . DOI: 10.1186/s13195-023-01258-x. IF: 9. (D1).

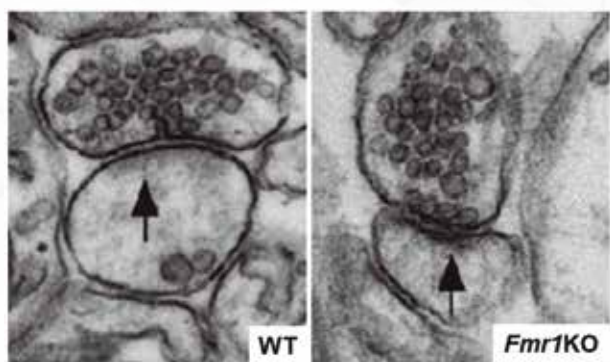
Aivar, Paloma, BIANCHI, CAROLINA, DI LAURO, CATERINA, Soria-Tobar, Lucia, ÁLVAREZ CASTELAO, BEATRIZ, Calero, Miguel, Medina, Miguel, DÍAZ HERNÁNDEZ, MIGUEL. TNAP and P2X7R: New Plasma Biomarkers for Alzheimer's Disease. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*. 2023. 24 (13):- . DOI: 10.3390/ijms241310897. IF: 5,6. (Q1).

GIL REDONDO, JUAN CARLOS, Queipo, Maria Jose, Trueba, Yaiza, LLORENTE SÁEZ, CELIA, SERRANO LÓPEZ, JULIA, ORTEGA, FELIPE, GÓMEZ VILLAFUERTES, ROSA, PÉREZ SEN, RÁQUEL, GARCÍA DELICADO, ESMERILDA. DUSP1/MKP-1 represents another piece in the P2X7R intracellular signaling puzzle in cerebellar cells: our last journey with M^{SUP}a</SUP> Teresa along the purinergic pathways of Eden. *PURINERGIC SIGNALING*. 2023. DOI: 10.1007/s11302-023-09970-x. IF: 3,5. (Q2).



The “fireworks” making their way through the culture medium. After death, new life breaks through. For from the ashes of the cells, the kings of the fungal kingdom emerge like explosions.

121



Electron microscopy showing the increase in synaptic vesicles arranged for fusion at a synapse in a mouse model of Fragile X syndrome compared to its WT sibling.

NEC.18

Research in Glaucoma, Retina and Visual Pathways

Leading researcher

Julián García Feijóo

Members

Ainhoa Colina Jareño

Alicia Valverde Megías

Ana Isabel Ramírez Sebastián

Ana María Fernández Vidal

Ángel Romo López

Bárbara Burgos Blasco

Beatriz Vidal Villegas

Carmen Dora Méndez Hernández

Catalina Palomo Álvarez

Celia Villanueva Gómez-Chacón

Consuelo López Abad

Cristina Calvo González

Cristina Niño Rueda

David Díaz Valle

Elena Moreno López

Elena Salobrar García Martín

Enrique Santos Bueso

Eva Vico Ruiz

Federico Saenz-Frances San Baldomero

Gema Felipe Márquez

Inés López Cuenca

Javier García Bella

Jesús Carballo Álvarez

José Antonio Fernández Albarral

José Antonio Gegúndez Fernández

José Ignacio Fernández-Vigo Escribano

José Manuel Benítez Del Castillo Sánchez

José Manuel Ramírez Sebastián

J. Mª Martínez De La Casa Fernández Borrella

José María Vazquez Molini

Juan Carlos Sanz Fernández

Juan Donate López

Juan José Salazar Corral

Juan Reche Frutos

Juan Troyano Rivas

Julián García Feijóo

Lara Borrego Sanz

Laura Morales Fernández

Lorenzo López Guajardo

Lydia Medina Ramírez

Mª Jesús Escobar Moreno

María Aurelia Jiménez Santos

María Rosalía Méndez Fernández

María Teresa Iradier Urrutia

Noemí Güemes Villahoz

Nuria Garzón Jiménez

Paloma Porras Ángel

Pedro Arriola Villalobos

Ramón Torres Imaz

Ricardo Cuiña Sardiña

Rosa De Hoz Montañana

Rosario Gómez De Liaño

Rubén Sánchez Jean

Sara García Caride

Sofía García Sáenz

Teresa Martín Orte

Vanessa Andrés Guerrero

Scientific production

89

Nº of papers (WoS)

49% (44)

% Open Access (Nº)

87

Nº of papers JCR indexed

78% (68)

% Citable Items (Nº)

21% (14)

Q1 (citable items)

6% (4)

D1 (citable items)

227.25

Cumulative IF

3.34

Average IF





Overview

The Ophthalmology research group is a well-established group at a national and international level. The Department of Ophthalmology at HCSC works closely with the "Ramón Castroviejo" (UCM) Ophthalmological Research Institute and is part of the Thematic Network of the Cooperative Research at ISCIII "ocular pathology RD 07/0062 Project: Ocular pathology of aging, visual quality and quality of life" of the Ophthalmology Department. The group also integrates the UCM-CAM (Design and evaluation of ophthalmic products and materials) research group, together with the Department of Pharmaceutical Technology of the Faculty of Pharmacy at UCM.

The main lines of work consist on the development and evaluation of anti-glaucoma therapies, both at a medical and surgical level, the evaluation and development of diagnostic technologies in ophthalmology, and the evaluation of treatments for AMD. Development of new vehicles for the treatment of ophthalmic diseases.

Selected Publications

LÓPEZ CUENCA, INÉS, Nebreda, Alberto, Garcia-Colomo, Alejandra, GARCÍA MARTÍN, ELENA SALOBRAR, de Frutos-Lucas, Jaisalmer, Bruna, Ricardo, RAMÍREZ SEBASTIÁN, ANA ISABEL, Ramirez-Torano, Federico, SALAZAR CORRAL, JUAN JOSÉ, BARABASH BUSTELO, ANA MARÍA, GIL GREGORIO, PEDRO, MAESTU UNTURBE, FERNANDO, RAMÍREZ SEBASTIÁN, JOSÉ MANUEL, DE HOZ MONTAÑANA, ROSA. Early visual alterations in individuals at-risk of Alzheimer's disease: a multidisciplinary approach. *ALZHEIMERS RESEARCH & THERAPY*. 2023. 15 (1). DOI: 10.1186/s13195-023-01166-0. IF: 9. (D1).

BURGOS BLASCO, BARBARA, ARRIOLA VILLALOBOS, PEDRO, FERNÁNDEZ-VIGO ESCRIBANO, JOSÉ IGNACIO, Oribio-Quinto, Carlos, Arino-Gutierrez, Mayte, DÍAZ VALLE, DAVID, BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL. Face mask use and effects on the ocular surface health: A comprehensive review. *OCULAR SURFACE*. 2023. 27. 56-66. DOI: 10.1016/j.jtos.2022.12.006. IF: 6,4. (D1).

Lopez-Canoa, J. J., GONZALEZ-CELA CASAMAYOR, MIRIAM ANA, ANDRÉS GUERRERO, VANESSA, VICARIO DE LA TORRE, MARTA, BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL, HERRERO VANRELL, ROCÍO, MOLINA MARTÍNEZ, IRENE TERESA. New trends towards glaucoma treatment: Topical osmoprotective microemulsions loaded with latanoprost. *OCULAR SURFACE*. 2023. 29. 314-330. DOI: 10.1016/j.jtos.2023.05.013. IF: 6,4. (D1).

Awards

Researcher aware: GARCÍA FEIJOÓ, JULIÁN. Award: Patrocinio premios de investigación residentes de oftalmología de la CAM (Premios Castroviejo 2023).

Researcher aware: Jose Manuel Benítez del Castillo. Award: Medalla JIOP (Journées Internationales d'Ophtalmologie Pratique 2023).

Researcher aware: José Ignacio Fernández Vigo. Award: Premio Arruga a la mejor trayectoria científica.

New Competitive Funding

PI22/00080. Microesferas biodegradables como estrategia innovadora para la liberación subconjuntival controlada de fármacos moduladores de la cicatrización en cirugía de glaucoma. PI: ANDRÉS GUERRERO, VANESSA; GARCÍA FEIJOÓ, JULIÁN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI22/01695. ENSAYO CLÍNICO MULTICENTRICO, CONTROLADO, ALEATORIZADO Y CON OBSERVADOR CIEGO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DEL COLIRIO DE INSULINA (1 UI/ml) EN EL TRATAMIENTO DEL DEFECTO EPITELIAL CORNEAL PERSISTENTE. PI: ARRIOLA VILLALOBOS, PEDRO.

New Non Competitive Funding

ECL.23/166. Predictores anatómicos de resultados clínicos en pacientes con Edema Macular Diabético tratados con implantes intravítreos de dexametasona (Ozurdex) en el proyecto Fight Retinal Blindness (FRB) España. PI: FERNÁNDEZ-VIGO ESCRIBANO, JOSÉ IGNACIO.

ECL.22/487. TIVANISIRAN PARA EL OJO SECO EN SUJETOS CON SÍNDROME DE SJOÖGREN. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL.

ECL.22/457. ENSAYO CLÍNICO ALEATORIZADO, DOBLE CIEGO (CON EVALUADOR CIEGO), PARALELO, PARA DETERMINAR LA EFICACIA Y SEGURIDAD DEL COLIRIO DE INSULINA EN EL TRATAMIENTO DEL OJO SECO EN PACIENTES CON HIPOTENSORES TÓPICOS. PI: BURGOS BLASCO, BARBARA.

ECL.23/062. ESTUDIO CLÍNICO MULTICÉNTRICO, NO ALEATORIZADO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE UN DISPOSITIVO DE INTERPOSICIÓN CILIOESCLERAL ("CID") V2.2 EN CIRUGÍA DE GLAUCOMA. PI: GARCÍA FEIJOÓ, JULIÁN."

ECL.23/176. ESTUDIO CLÍNICO POSCOMERCIALIZACIÓN PARA RECOGER DATOS SOBRE LA SEGURIDAD Y LAS PRESTACIONES DE PRODUCTOS DE JOHNSON & JOHNSON SURGICAL VISION. PI: GARCÍA FEIJOÓ, JULIÁN."

ECL.22/268. ESTUDIO DE FASE IIB PIVOTAL PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE IZOKIBEP EN SUJETOS CON UVEÍTIS INTERMEDIA, POSTERIOR, NO INFECCIOSA O PANUVEÍTIS. PI: ARRIOLA VILLALOBOS, PEDRO.

ECL.23/374. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA, SEGURIDAD, FARMACOCINÉTICA Y FARMACODINAMIA DE SATRALIZUMAB EN PACIENTES CON ORBITOPATÍA TIROIDEA DE MODERADA A SEVERA. PI: ROMO LOPEZ, ANGEL.

ECL.22/563. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, CONTROLADO CON PROCEDIMIENTO SIMULADO, PARA INVESTIGAR LA EFICACIA, SEGURIDAD, FARMACOCINÉTICA Y FARMACODINAMIA DE ROT200220 ADMINISTRADO EN INYECCIÓN INTRA-VÍTREA EN PACIENTES CON EDEMA MACULAR UVEÍTICO. PI: BORREGO SANZ, LARA.

ECL.22/381. ESTUDIO MULTICÉNTRICO DE GLAUCOMA QUE INVESTIGA LA CANALOPLASTIA COMO PROCEDIMIENTO ÚNICO. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

ECL.22/723. INVESTIGACIÓN CLÍNICA MULTICÉNTRICA SOBRE EL USO DE UNA SOLUCIÓN OFTÁLMICA DE HIALURONATO SÓDICO Y GOMA XANTANA SIN CONSERVANTES PARA EL TRATAMIENTO DE LAS MOLESTIAS OCULARES, EN PARTICULAR EN CASOS DE SEQUEDAD OCULAR. PI: BURGOS BLASCO, BARBARA.

Doctorate Theses

Doctoral candidate: Francisco Javier Moreno Morillo. Thesis Title: Evaluación de los cambios en la vascularización coroidea mediante angiografía por tomografía de coherencia óptica en pacientes con coriorretinopatía serosa central tras terapia fotodinámica.. Director(s): José Ignacio Fernández-Vigo Escribano, Juan Donate-López, José María Martínez de la Casa. University: Universidad Complutense de Madrid.

Doctoral candidate: Ainhoa Colina Jareño. Thesis Title: RELACIÓN ENTRE CAMPO VISUAL Y VASCULARIZACIÓN EN LA MÁCULA Y NERVIÓ ÓPTICO EN PACIENTES CON GLAUCOMA. Director(s): Carmen Dora Méndez Hernández, Julián García Feijoo,. University: Universidad Complutense de Madrid.

Doctoral candidate: Rubén Sánchez Jean. Thesis Title: Eficacia y seguridad a largo plazo del implante preserflo TM microshunt. Director(s): Carmen Méndez Hernández, José María Martínez de la Casa, Julián García Feijoo. University: Universidad Complutense de Madrid.

Doctoral candidate: Surina Wang. Thesis Title: Estudio de la vascularización papilar y macular en glaucoma mediante angiooct y colorimetría papilar. Director(s): Dora Méndez Hernández, Julián García Feijoo. University: Universidad Complutense de Madrid.

Doctoral candidate: María Liseth Salazar Quiñones. Thesis Title: Medida de la vascularización papilar y otras pruebas estructurales en pacientes con glaucoma = Measurement of papillary vascularity and other structural tests in patients with glaucoma. Director(s): Carmen Méndez Hernández, Gonzalo Feijoo García. University: Universidad Complutense de Madrid.

NEC.20

Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

Leading researcher

Magdalena Torres Molina

Members

Alberto Samuel Suarez Pinilla

Alberto Sánchez-Aguilera López

Asunción Colino Matlla

Beatriz Chamorro Gorines

José Sánchez-Prieto Borja

M^a Dolores Martín De Saavedra

María Jesús Oset Gasque

M^a Ángeles Vicente Torres

Raquel Bajo Grañeras

Ricardo Martín Herranz



Selected Publications

MARTÍN HERRANZ, RICARDO, SUAREZ PINILLA, ALBERTO SAMUEL, Garcia-Font, Nuria, Laguna-Luque, M. Luisa, Lopez-Ramos, Juan C., OSET GASQUE, MARIA JESÚS, Gruart, Agnes, Delgado-Garcia, Jose M., TORRES MOLINA, MAGDALENA, SÁNCHEZ-PRIETO BORJA, JOSÉ. The activation of mGluR4 rescues parallel fiber synaptic transmission and LTP, motor learning and social behavior in a mouse model of Fragile X Syndrome. MOLECULAR AUTISM. 2023. 14 (1). DOI: 10.1186/s13229-023-00547-4. IF: 6,2. (Q1).

Papantoniou, Christos, Laugks, Ulrike, Betzin, Julia, Capitanio, Cristina, FERRERO LÓPEZ, JOSÉ JAVIER, SÁNCHEZ-PRIETO BORJA, JOSÉ, Schoch, Susanne, Brose, Nils, Baumeister, Wolfgang, Cooper, Benjamin H. H., Imig, Cordelia, Lucic, Vladan. Munc13-and SNAP25-dependent molecular bridges play a key role in synaptic vesicle priming. Science Advances. 2023. 9 (25). DOI: 10.1126/sciadv.adf6222. IF: 13,6. (D1).

Awards

Researcher aware: María Dolores Martín-de-Saavedra. Award: International Brain Research Organization (IBRO) Early Career Award. Winning work: Career Award.

Scientific production

4

Nº of papers
(WoS)

100%(4)

% Open
Access (Nº)

4

Nº of papers
JCR indexed

100% (4)

% Citable
Items (Nº)

100% (4)

Q1 (citable items)

75%(3)

D1 (citable items)

74.60

Cumulative IF

18.65

Average IF

NEC.22

Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

Leading researcher

José Martínez Orgado

Members

Alysha Susana Drisell Hernández Montiel

Ángela Romero Sánchez

Araceli Corredera Sanchez

Belén Joyanes Abancens

Belén Ordóñez Miyar

Carmen Soto Beauregard

Cristina Cortes Ledesma

Esther Aleo Lujan

Eva Esther Domínguez Amillo

Gloria Herranz Carrillo

Isabel Cuellar Flores

Jaime Rodríguez De Alarcon

Juan Manuel Gomez Cervantes

Laura Silva Colmenar

Lucía Costas Sanz

Luis Arruza Gómez

Luis Felipe Ávila Ramírez

Mª José Rodríguez Castaño

María De Hoz Rivera

María De Los Ángeles Rodríguez Martínez

María Del Carmen Hernández Sánchez

María Isabel Armada Maresca

María Martínez Vega

Marta Ordax Soler

Nadia Flores Hermosa

Nerea Huertos Soto

Niki Oikonomopoulou

Pilar Guillén Redondo

Raquel Vecino Lopez

Teresa De Santos Moreno

Virginia De La Fuente Iglesias



Scientific production

16

Nº of papers (WoS)

63% (10)

% Open Access (Nº)

15

Nº of papers JCR indexed

100% (15)

% Citable Items (Nº)

67% (10)

Q1 (citable items)

47% (7)

D1 (citable items)

229.13

Cumulative IF

15.27

Average IF

Overview

The group is oriented towards the prevention and treatment of newborn brain damage with two different approaches: clinical and experimental. The clinical approach relies on the concept of neonatal neurocritical care, based on the multidisciplinary management of newborns at risk as well as a willing to participate in frontier therapies. The experimental approach relies on the implementation of different animal models of newborn brain injury, studying the pathophysiology of brain damage as well as the efficacy of novel therapies, including the Non-psychostimulant cannabinoid Cannabidiol and some derivatives, terpenoids and elastin-based hydrogels. Group studies include those extra-cerebral organs affected by and affecting newborn brain conditions. The group research is supported by strategic alliances with national and international leading groups and public competitive and pharmaceutical industry-based funding.

Selected Publications

Cortes-Ledesma, Cristina, ARRUZA GÓMEZ, LUIS, Sainz-Villamayor, Angela, MARTÍNEZ ORGADO, JOSÉ. Dexmedetomidine affects cerebral activity in preterm infants. ARCHIVES OF DISEASE IN CHILDHOOD-FETAL AND NEONATAL EDITION. 2023. 108 (3):316-318. DOI: 10.1136/archdischild-2021-323411. IF: 4,4. (D1).

SILVA COLMENAR, LAURA, VARGAS CORONADO, CARLOS JAVIER, Eugenia Prados, Maria, Del Pozo, Aaron, VILLA CRUZ, MARÍA, Martinez, Maria, Alvarez, Lourdes, Munoz, Eduardo, Diego Unciti-Broceta, Juan, MARTÍNEZ ORGADO, JOSÉ. Neuroprotective Efficacy of Betulinic Acid Hydroxamate, a B55a/PP2A Activator, in Acute Hypoxia-Ischemia-Induced Brain Damage in Newborn Rats. TRANSLATIONAL STROKE RESEARCH. 2023. 14 (3):397-408. DOI: 10.1007/s12975-022-01017-4. IF: 6,9. (D1).

Hansen, Mathias L., Pellicer, Adelina, Hyttel-Sensen, Simon, Ergenekon, Ebru, Szczapa, Tomasz, Hagmann, Cornelia, Naulaers, Gunnar, Mintzer, Jonathan, Fumagalli, Monica, Dimitriou, Gabriel, Dempsey, Eugene, Tkaczyk, Jakub, Cheng, Guoqiang, Fredly, Siv, Heuchan, Anne M., Pichler, Gerhard, Fuchs, Hans, Nesargi, Saudamini, Hahn, Gitte H., Piris-Borregas, Salvador, Sirc, Jan, Alsina-Casanova, Miguel, Stocker, Martin, Ozkan, Hilal, Sarafidis, Kosmas, Hopper, Andrew O., Karen, Tanja, Rzepecka-Weglarz, Beata, Oguz, Serife S., ARRUZA GÓMEZ, LUIS, Memisoglu, Asli C., del Rio Florentino, Ruth, Baserga, Mariana, Maton, Pierre, Truttmann, Anita C., de las Cuevas, Isabel, Agergaard, Peter, Zafra, Pamela, Bender, Lars, Lauterbach, Ryszard, Lecart, Chantal, de Buyst, Julie, El-Khuffash, Afif, Curley, Anna, Vaccarello, Olalla O., Miletin, Jan, Papathoma, Evangelia, Vesoulis, Zachary, Vento, Giovanni, Cornette, Luc, Lopez, Laura S., Yasa, Beril, Klamer, Anja, Agosti, Massimo, Baud, Olivier, Mastretta, Emmanuele, Cetinkaya, Merih, McCall, Karen, Zeng, Shujuan, Hatzidaki, Eleftheria, Bargiel, Agata, Marciniak, Sylwia, Gao, Xiaoyan, Lin, HJ, Chalal, Lina, Yang, Ling, Rao, Shashidhar A., Xu, Xin, Gonzalez, Begona L., Wilinska, Maria, Yin, Zhaoqing, Sadowska-Krawczenko, Iwona, Serrano-Vinuales, Itziar, Krolak-Olejnik, Barbara, Ybarra, Marta M., Morales-Betancourt, Catalina, Korcek, Peter, Teresa-Palacio, Marta, Mosca, Fabio, Hergenhan, Anja, Koksai, Nilgun, Tsoni, Konstantia, Kadri, Munaf M., Knoepfli, Claudia, Rafinska-Wazny, Elzbieta, Akin, Mustafa S., Nordvik, Tone, Peng, Zhang, Kersin, Sinem G., Thewissen, Liesbeth, Alarcon, Ana, Healy, David, Urlesberger, Berndt, Bas, Muennever, Baumgartner, Jana, Skylogianni, Eleni, Karadyova, Veronika, Valverde, Eva, Bergon-Sendin, Elena, Kucera, Jachym, Pisoni, Silvia, Wang, Le, Smits, Anne, Sanchez-Salmador, Rebeca, Rasmussen, Marie I., Olsen, Markus H., Jensen, Aksel K., Gluud, Christian, Jakobsen, Janus C., Greisen, Gorm. Cerebral Oximetry Monitoring in Extremely Preterm Infants. NEW ENGLAND JOURNAL OF MEDICINE. 2023. 388 (16):1501-1511. DOI: 10.1056/NEJMoa2207554. IF: 158,5. (D1).

Awards

Researcher aware: SOTO BEAUREGARD, CARMEN. Award: I Concurso "Tu idea, su salud": diploma innovador absoluto propuesta: Valoración de la aceptación y efectividad por parte de los progenitores del uso de tallos de polivinilo de nuevo diseño para la dilatación rectal.

New Competitive Funding

PI22/01016. Estudio preclínico en cerdo recién nacido de la eficacia cardioprotectora del cannabidiol para el daño miocárdico secundario a asfixia en tratamiento con hipotermia. PI: ARRUZA GÓMEZ, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

JMO.M01DEC. Colaboración para la realización del proyecto "Pharmacological and safety study of the lipid emulsion of omega-3 diglycerides (THDG3) in newborn piglets". PI: MARTÍNEZ ORGADO, JOSÉ.

ECL.22/595. ENSAYO CLÍNICO FASE II PARA ESTABLECER LA SEGURIDAD DEL USO DE CÉLULAS MESÉNQUIMALES TRONCALES FETALES ALOGÉNICAS DE CORDÓN UMBILICAL EXPANDIDAS EN PACIENTES PREMATUROS CON DISPLASIA BRONCOPULMONAR. PI: ARRUZA GÓMEZ, LUIS.

ECL.23/133. ESTUDIO DE FASE III, SIN ENMASCARAMIENTO, DE UN ÚNICO GRUPO, MULTICÉNTRICO PARA EVALUAR LA FARMACOCINÉTICA, LA FARMACODINÁMICA, LA EFICACIA, LA SEGURIDAD Y LA INMUNOGENICIDAD DEL RAVULIZUMAB ADMINISTRADO POR VÍA INTRAVENOSA EN PARTICIPANTES PEDIÁTRICOS (DE 6 A <18 AÑOS DE EDAD) CON MIASTENIA GRAVE GENERALIZADA (MGG). PI: DE SANTOS MORENO, TERESA.

ECL.21/601. SINOPSIS DEL ESTUDIO DEL ESTUDIO DE SEGUIMIENTO SAFEBOOSC III

BENEFICIOS Y DAÑOS A LARGO PLAZO DEL TRATAMIENTO BASADO EN LA MONITORIZACIÓN CEREBRAL NIRS FRENTE AL TRATAMIENTO HABITUAL EN RECIÉN NACIDOS EXTREMADAMENTE PREMATUROS. ESTUDIO DE SEGURIDAD PRAGMÁTICO DE SEGUIMIENTO DE DOS AÑOS. PI:

Research Mobility

Research mobility: María Martínez Vega. Country: Irlanda. Center: University of Galway. Date of departure: 05/06/2023. Return date: 27/10/2023.

Visiting

Visiting researcher: Hylde Zirpoli, PhD. Country of origin: USA. Center: University of Columbia (NY). Project: Pharmacological and safety study of the lipid emulsion of omega-3 diglycerides (THDG3) in newborn piglets (JMO.M01DEC). 18/12/2023-21/12/2023.

ON CO LO GY

ONCOLOGY AREA (ONC)

ONCOLOGY

Groups

- ONC.1 Clinical and Translational Research in Oncology
- ONC.2 Cancer and Obesity
- ONC.3 Pathological Anatomy
- ONC.4 Cell Signaling Mechanisms during Development and Tumor Progression
- ONC.5 Cannabinoid Signaling in Tumor Cells
- ONC.6 Women's Health Research Group

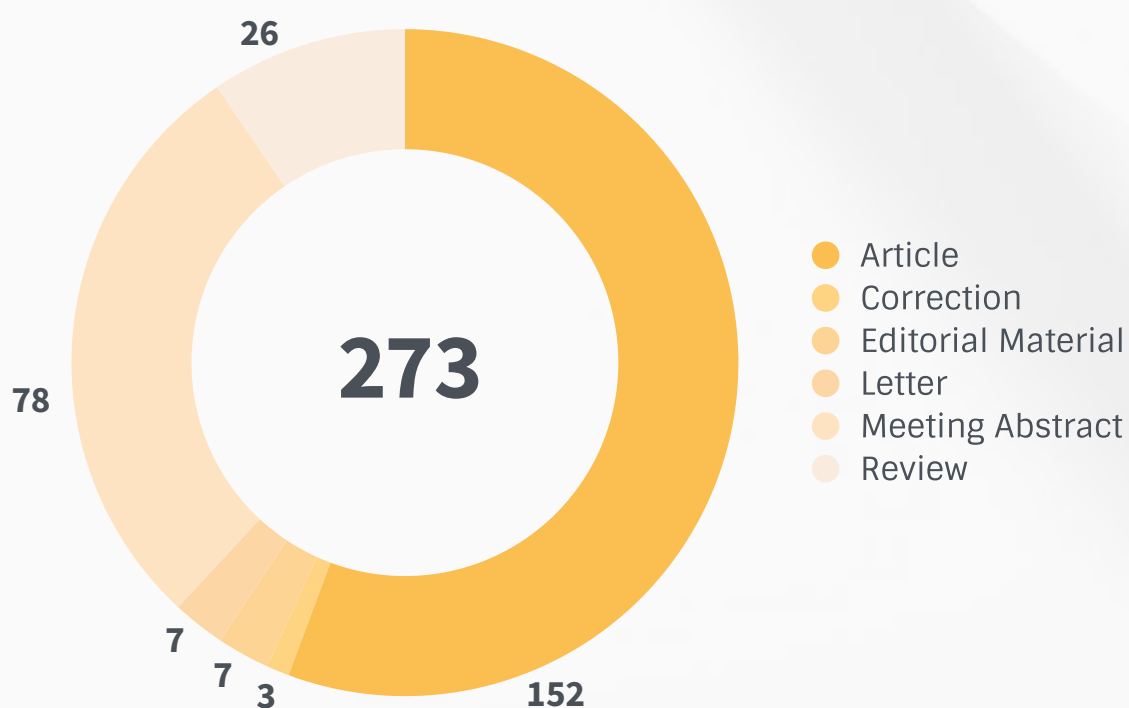
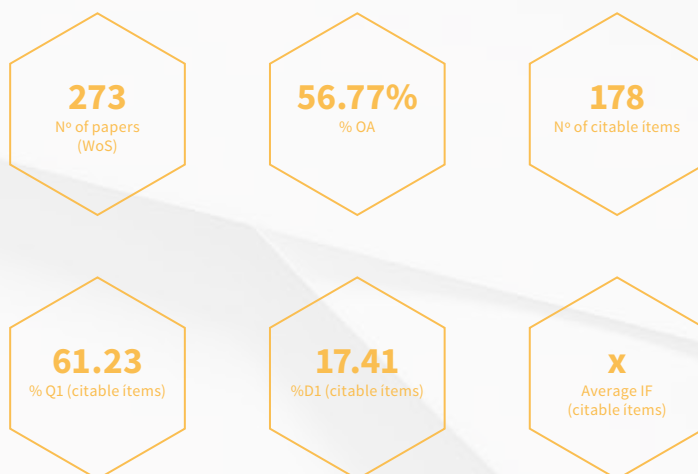
Annual Goals



Accumulated total professionals in the area



Scientific production



Top 5 journals with the highest publication rate

During 2023, the Oncology area's researchers have published in a total of 132 different journals. The top 5 journals where they publish the most are shown below. It represents the 27.27% of the scientific production of this area. Four of these journals are in the first quartile of the JCR 2023 for their thematic category. Two journal is in the Top 5 in their WoS category

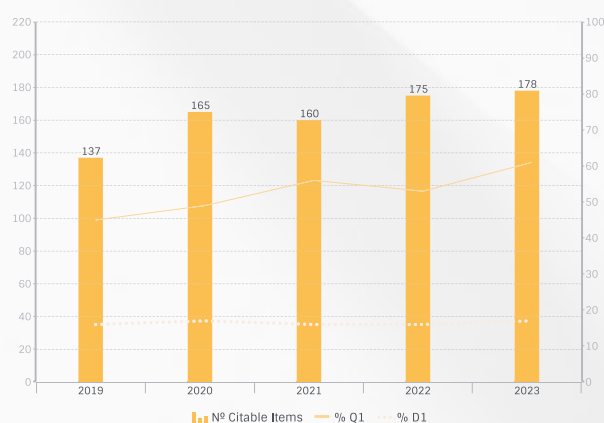
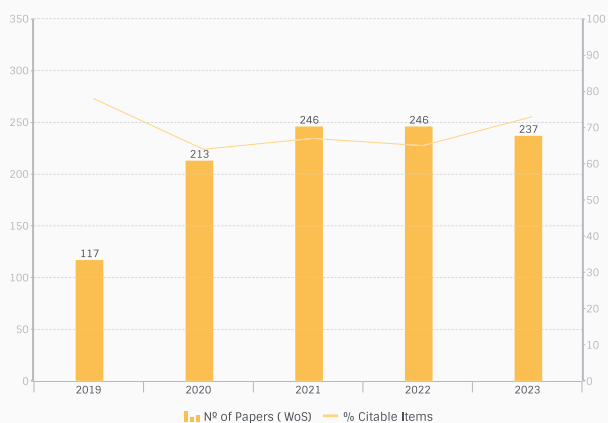
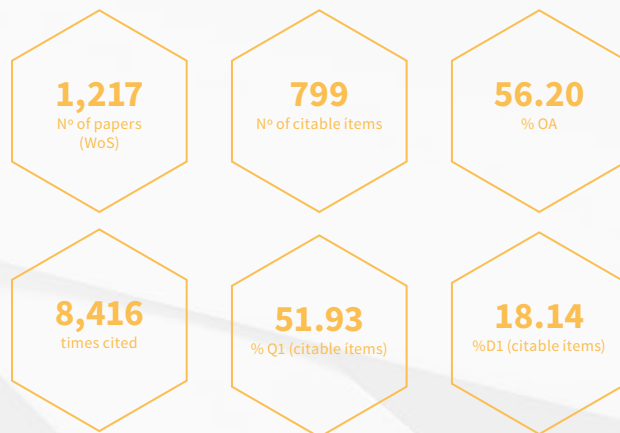
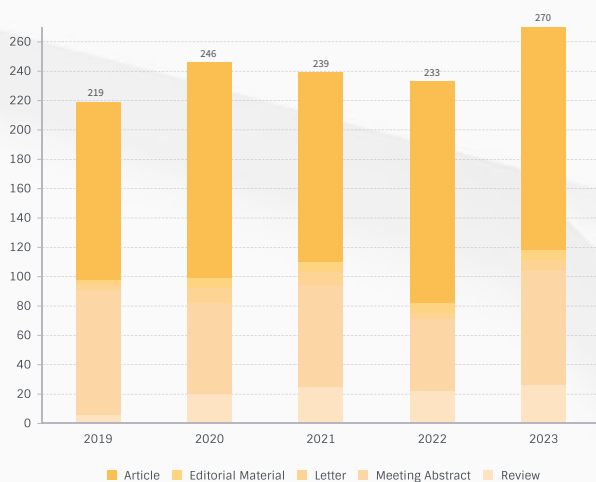
JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
ANNALS OF ONCOLOGY	25	Q1 (4/322)	ONCOLOGY	14.915	7.49	56.2
Cancers	14	Q1 (78/322)	ONCOLOGY	1.146	0.90	4.0
JOURNAL OF CLINICAL ONCOLOGY	14	Q1 (6/322)	ONCOLOGY	15.561	6.46	41.1
EUROPEAN UROLOGY	13	Q1 (2/126)	UROLOGY & NEPHROLOGY	6.604	6.66	24.6
CLINICAL & TRANSLATIONAL ONCOLOGY	12	Q2 (157/322)	ONCOLOGY	0.631	0.60	2.7

Selected 5 publications

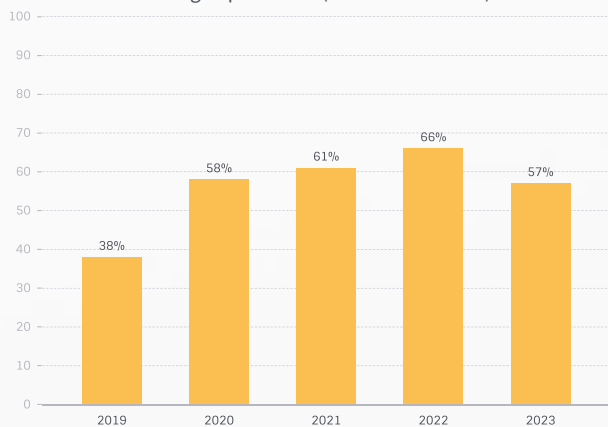
1. LÓPEZ DE SÁ LORENZO, ALFONSO, DÍAZ-TEJEIRO RODRÍGUEZ, CRISTINA, Poyatos-Racionero, Elisa, NIETO JIMÉNEZ, CRISTINA, PANIAGUA HERRANZ, LUCÍA, SANVICENTE GARCÍA, ADRIÁN, Calvo, Emiliano, PÉREZ SEGURA, PEDRO, Moreno, Víctor, Moris, Francisco, OCAÑA FERNANDEZ, ALBERTO. Considerations for the design of antibody drug conjugates (ADCs) for clinical development: lessons learned. JOURNAL OF HEMATOLOGY & ONCOLOGY. 2023. 16 (1). DOI: 10.1186/s13045-023-01519-0. IF: 28,5. (D1).
2. Provencio, Mariano, Nadal, Ernest, GONZÁLEZ LARRIBA, JOSÉ LUÍS, Martínez-Martí, Alex, Bernabe, Reyes, Bosch-Barrera, Joaquim, Casal-Rubio, Joaquín, Calvo, Virginia, Insa, Amelia, Ponce, Santiago, Reguart, Noemí, de Castro, Javier, Mosquera, Joaquín, Cobo, Manuel, Aguilar, Andres, Vivanco, Guillermo Lopez, Camps, Carlos, Lopez-Castro, Rafael, Moran, Teresa, Barneto, Isidoro, Rodríguez-Abreu, Delvys, Serna-Blasco, Roberto, Benitez, Raquel, AGUADO DE LA ROSA, CARLOS, Palmero, Ramon, HERNANDO TRANCHO, FLORENTINO, Martin-Lopez, Javier, Cruz-Bermudez, Alberto, Mas-suti, Bartomeu, Romero, Atocha. Perioperative Nivolumab and Chemotherapy in Stage III Non-Small-Cell Lung Cancer. NEW ENGLAND JOURNAL OF MEDICINE. 2023. 389 (6):504-513. DOI: 10.1056/NEJMoa2215530. IF: 158,5. (D1).
3. TESOLATO, SOFIA ELENA, VICENTE VALOR, JUAN, JARABO SARCE-DA, JOSÉ RAMÓN, CALATAYUD GASTARDI, JOAQUÍN, SAIZ-PARDO SANZ, MELCHOR, NIETO BARBERO, MARÍA ASUNCIÓN, Alvaro-Alvarez, Dolores, Linares, Maria-Jesus, FRAILE OLIVERO, CARLOS ALFREDO, HERNANDO TRANCHO, FLORENTINO, INIESTA SERRANO, Mª PILAR, GÓMEZ MARTÍNEZ, ANA MARÍA. Role of Telomere Length in Survival of Patients with Idiopathic Pulmonary Fibrosis and Other Interstitial Lung Diseases. Biomedicines. 2023. 11 (12). DOI: 10.3390/biomedicines11123257. IF: 4,7. (Q1).
4. CORONADO MARTÍN, PLUVIO JESÚS, Alonso-Espias, Maria, Yildirim, Yusuf, Macuks, Ronalds, Mancari, Rosanna, Achimas-Cadariu, Patriciu, Aniorte, Silvana M., Mitidieri, Marco, Lambaudie, Eric, Dubois, Nathanael, Zapardiel, Ignacio, SARCUT Study Grp. Lymph node dissection in uterine leiomyosarcomas: A matched-pair study. GYNECOLOGIC ONCOLOGY. 2023. 174 (1):28-33. DOI: 10.1016/j.ygyno.2023.04.007. IF: 4,7. (Q1).
5. Ramirez, Mar, Delso, Vanesa, Sanchez, Maria J., SAGASTAGOITIA FORNIE, IÑIGO, Vargas, Sara, GARCÍA CUESTA, ALBA MARÍA, CORONADO MARTÍN, PLUVIO JESÚS. Mpox (Monkeypox) Presenting as Cervical and Vulvar Disease. OBSTETRICS AND GYNECOLOGY. 2023. 141 (3):613-617. DOI: 10.1097/AOG.0000000000005077. IF: 7,2. (D1).

Scientific production (2019 - 2023)

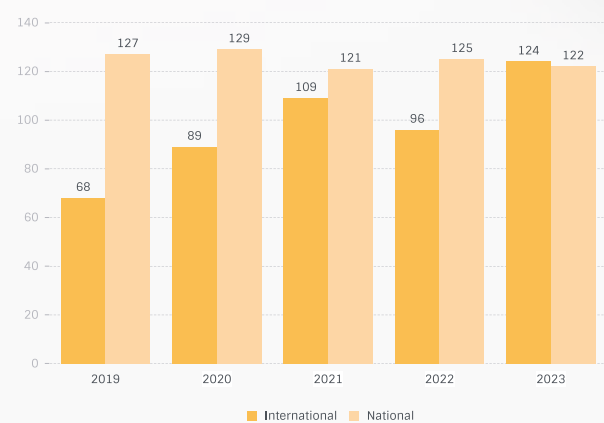
Evolution by type of documents



Percentage open access (citable items wos)



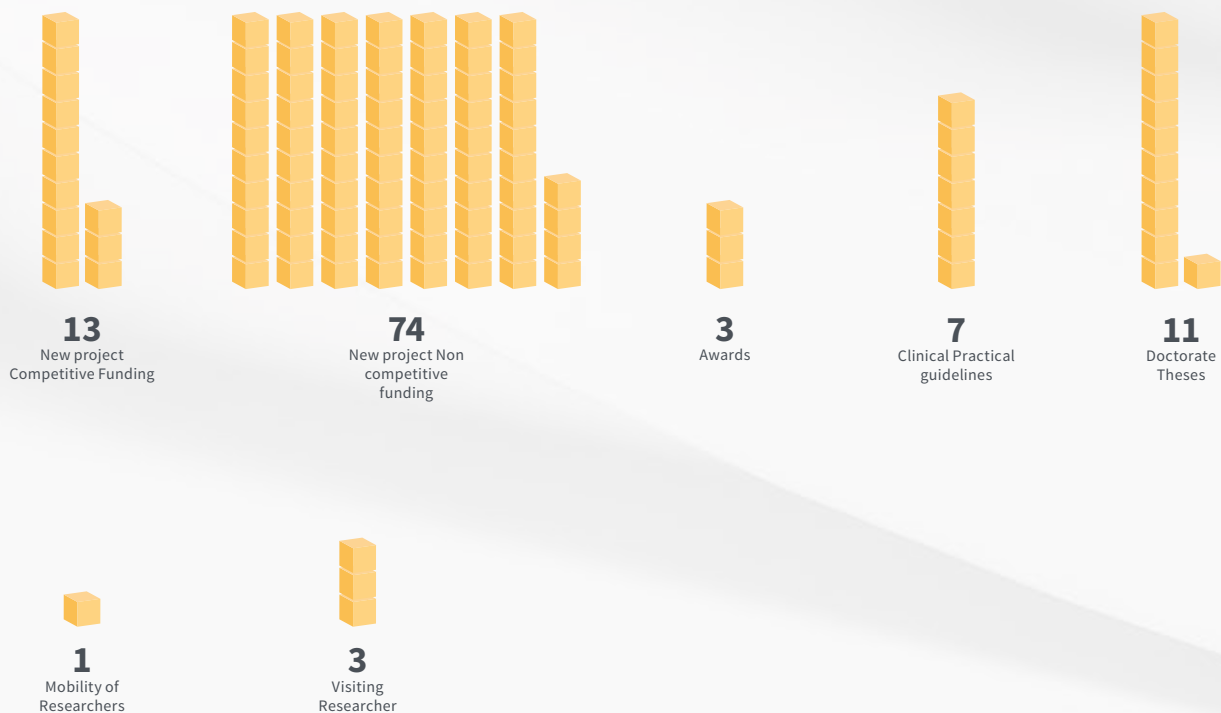
Type of collaboration



Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	740	2021	Q1 (13/205)	CELL BIOLOGY	4.340
Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services	BRITISH JOURNAL OF SURGERY	429	2020	Q1(6/290)	SURGERY	2.850
Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes.	AMERICAN JOURNAL OF HUMAN GENETICS	322	2019	Q1(12/191)	GENETICS & HEREDITY	5.294
Lenvatinib Plus Pembrolizumab in Patients With Advanced Endometrial Cancer	JOURNAL OF CLINICAL ONCOLOGY	238	2020	Q1 (6/322)	ONCOLOGY	15.561
Joint international consensus statement for ending stigma of obesity	NATURE MEDICINE	206	2020	Q1 (1/313)	BIOCHEMISTRY & MOLECULAR BIOLOGY	25.942

Activity



ONC.1

Clinical and Translational Research in Oncology

Leading researcher

Pedro Pérez Segura

Members

Ada Esteban Sánchez

Adrián Garrido Hernández

Adrián Sanvicente García

Alberto Ocaña Fernandez

Alberto Orta Ruiz

Alfonso López De Sá Lorenzo

Alicia Fuentes Martín

Alicia García Montes-Jovellar

Alicia Gómez Sanz

Alvaro Serrano Pascual

Ana Conde Yáñez

Ana Esteban Garcimartín

Ana Martínez Rodríguez

Antonio Casado Herráez

Aránzazu Manzano Fernández

Beatriz García Paredes

Beatriz Pérez-Villamil Salgado

Belén Cobaleda Esteban

Carlos Aguado De La Rosa

Carlos Alfredo Fraile Olivero

Cristina Díaz Del Arco

Cristina Díaz-Tejeiro Rodríguez

Cristina Nieto Jiménez

Cristina Ortiz Rozalén

Cristina Sáiz Ladera

Daniel Parra Corral

David De Pablo Velasco

Dolores García Lopez

Elena López Calzada

Elena Milagrosa Molina Roldán

Elena Nuñez González

Emilia Alors Pérez

Enrique Redondo Gonzalez

Ericka Joy Canlas Pangilinan

Estela Labad Delgado

Eva Rodríguez Escudero

Fernando Moreno Antón

Gabriel Garcia Salamero

Gloria Marquina Ospina

Helena Olivera Pérez-Frade

Ignacio Moreno Pérez

Inés Bartolomé Asensio

Inmaculada Bando Polaino

Irene Galán Moreno

Isabel Casado Fariñas

Javier David Benitez Fuentes

Javier Puente Vázquez

Javier Sastre Valera

Jesús Fuentes Antrás

Jesús María Salinas Casado

Jesús Moreno Sierra

Jorge Bartolomé Arcilla

José Ángel García Sáenz

José Antonio Cortés Toro

José Luis González Larriba

José Luis Senovilla Perez

José Manuel Morales Gómez

Jose Manuel Pingarron Carrazon

Juan Antonio Corona Sánchez

Juan Gomez Rivas

Julia Barrios Barriga

Laura Carrasco Sánchez

Laura Torresano Cicuéndez

Lobna Ramadane Morchadi

Lorena Fernandez Montarroso

Lucía Paniagua Herranz

Luis Ortega Medina

Luisa Morillas Perruca

Mª De Los Angeles Cerón Nieto

Mª Isabel Galante Romo

Manuel Gonzalo Vázquez Masedo

Manuel Jorge Cuesta Rioboó

Marco Ciappara Paniagua

Mª Begoña Ferrer Meseguer

Mª Carmen Sáez Rodríguez

Mª Del Carmen Romero Fernández

Mª Del Rosario Alfonso San Segundo

Mª Elena Gómez Del Pulgar Gutiérrez

Scientific production

182

Nº of papers
(WoS)

59% (107)

% Open
Access (Nº)

177

Nº of papers
JCR indexed

61% (108)

% Citable
Items (Nº)

40% (43)

Q1 (citable items)

15% (16)

D1 (citable items)

946.49

Cumulative IF

8.76

Average IF

María Helena Huertas Mondejar	Paula Diaque García
María Jesus Fernández Aceñero	Pilar Garre Rubio
María Luisa González Morales	Raquel Fernández Blanco
María Luisa Suarez Solís	Raquel Rodríguez Damiano
María Mateos González	Ricardo García Martínez
María Teresa Moreno Fernández	Sandra Abella Falgueras
Marta Vidaurreta Lázaro	Sandra Rico Galve
Melchor Saiz-Pardo Sanz	Santiago Cabezas Camarero
Miguel De La Hoya Mantecón	Sara Cañas Herrera
Miguel López García	Sara Rafael Fernández
Miquel Martínez Fontanillas	Susana Campuzano Ruiz
Montserrat De La Torre Serrano	Teresa Salas García-Talavera
Natalia Pérez Romero	Vanesa García Barberán
Pablo Rodríguez Olmedo	Víctor Lorca Castellanos
Passio Beatriz Santos Capa	Virginia Acedo Jiménez
Patricia Barreiro Sanabria	



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Overview

The translational research Unit in Oncology located in the Hospital Clínico San Carlos has been focused in bringing the basic research to the clinic ("bench to bedside") for more than 30 years. To this end, several projects aimed to the discovery and analysis of predictive and prognostic factors and the hereditary component of cancer have been performed. Furthermore, thousands of clinical trials involving cytotoxic agents and also new biological drugs aimed against specific molecular targets (onco-pharmacogenomics) have been performed. With the relentless aim of the individualization of treatment, identifying responding patients have been a constant effort in every clinical trial performed.

Over the last years, the Oncology Translational Research Unit has shown its potential through the development of both clinical and laboratory research units, and is committed to the development of all lines discussed above. The identification of predictive response factors to new directed drugs is an urgent need in order to achieve a more effective and efficient medicine. These drugs are effective just

in some of the treated patients, because of that, developing cutting-edge tools for the medical oncologists to achieve the most optimized treatment is completely mandatory.

The group is comprised of medical professionals dedicated to health care and clinical research, a strong data-manager group, a research nursing support group, and a research laboratory equipped with the last technical innovations (NGS sequencing, Beaming, automated molecular diagnostic solutions...) and highly qualified personnel.

Founded by the Prof Emeritus Eduardo Díaz Rubio, the unit has been committed with medical oncology, translational research and teaching activities since its very beginning. Now under the lead of Dr. Perez Segura, the development of a Phase I Unit and the consolidation of key alliances with the academic research are most relevant projects we are involved in, looking forward to the future with a compromise with scientific quality beyond any doubt.

Selected Publications

Provencio, Mariano, Nadal, Ernest, GONZÁLEZ LARRIBA, JOSÉ LUÍS, Martínez-Martí, Alex, Bernabe, Reyes, Bosch-Barrera, Joaquim, Casal-Rubio, Joaquín, Calvo, Virginia, Insa, Amelia, Ponce, Santiago, Reguart, Noemi, de Castro, Javier, Mosquera, Joaquín, Cobo, Manuel, Aguilar, Andres, Vivanco, Guillermo Lopez, Camps, Carlos, Lopez-Castro, Rafael, Moran, Teresa, Barneto, Isidoro, Rodríguez-Abreu, Delvys, Serna-Blasco, Roberto, Benitez, Raquel, AGUADO DE LA ROSA, CARLOS, Palmero, Ramon, HERNANDO TRANCHO, FLORENTINO, Martín-Lopez, Javier, Cruz-Bermudez, Alberto, Massuti, Bartomeu, Romero, Atocha. Perioperative Nivolumab and Chemotherapy in Stage III Non-Small-Cell Lung Cancer. NEW ENGLAND JOURNAL OF MEDICINE. 2023. 389 (6):504-513. DOI: 10.1056/NEJMoa2215530. IF: 158,5. (D1).

BARTOLOMÉ ARCILLA, JORGE, Molto, Consolacion, Benitez-Fuentes, Javier David, Fernandez-Hinojal, Gonzalo, MANZANO FERNÁNDEZ, ARÁNZA, PÉREZ SEGURA, PEDRO, Mittal, Abhenil, Tamimi, Faris, Amir, Eitan, OCAÑA FERNANDEZ, ALBERTO. Prognostic value of human leukocyte antigen G expression in solid tumors: a systematic review and meta-analysis. FRONTIERS IN IMMUNOLOGY. 2023. 14 (-):. DOI: 10.3389/fimmu.2023.1165813. IF: 7,3. (Q1).

LÓPEZ DE SÁ LORENZO, ALFONSO, DÍAZ-TEJEIRO RODRÍGUEZ, CRISTINA, Poyatos-Racionero, Elisa, NIETO JIMÉNEZ, CRISTINA, PANIAGUA HERRANZ, LUCÍA, SANVICENTE GARCÍA, ADRIÁN, Calvo, Emiliano, PÉREZ SEGURA, PEDRO, Moreno, Victor, Moris, Francisco, OCAÑA FERNANDEZ, ALBERTO. Considerations for the design of antibody drug conjugates (ADCs) for clinical development: lessons learned. JOURNAL OF HEMATOLOGY & ONCOLOGY. 2023. 16 (1):- DOI: 10.1186/s13045-023-01519-0. IF: 28,5. (D1).

Award

Researcher aware: PÉREZ-VILLAMIL SALGADO, BEATRIZ. Award: XXIX Premio Científico - 2º Premio.

Clinical Practice Guidelines

Perez-Fidalgo, Jose Alejandro, Ortega, Eugenia, Ponce, Jordi, Redondo, Andres, Sevilla, Isabel, Valverde, Claudia, Verdum, Josep Isern, de Alava, Enrique, Lopez, Mar Galera, MARQUINA OSPINA, GLORIA, Sebio, Ana. Uterine sarcomas: clinical practice guidelines for diagnosis, treatment, and follow-up, by Spanish group for research on sarcomas (GEIS). THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY. 2023. SAGE PUBLICATIONS LTD. 10.1177/17588359231157645.

Alvarez Alvarez, Rosa, MANZANO FERNÁNDEZ, ARÁNZA, Agra Pujol, Carolina, Artigas Raventos, Vicente, Correa, Raquel, Cruz Jurado, Josefina, Fernandez, Juan Angel, Garcia del Muro, Xavier, Gonzalez, Jose Antonio, Hindi, Nadia, Lozano Lominchar, Pa. Updated Review and Clinical Recommendations for the Diagnosis and Treatment of Patients with Retroperitoneal Sarcoma by the Spanish Sarcoma Research Group (GEIS). Cancers. 2023. Multidisciplinary Digital Publishing Institute (MDPI). 10.3390/cancers15123194.

GARCÍA SÁENZ, JOSÉ ÁNGEL, Blancas, Isabel, Echavarría, Isabel, Hinojo, Carmen, Margeli, Mireia, MORENO ANTÓN, FERNANDO, Pernas, Sonia, Cajal, Teresa Ramon y, Ribelles, Nuria, Bellet, Meritxell. SEOM-GEICAM-SOLTI clinical guidelines in advanced breast cancer (2022). CLINICAL & TRANSLATIONAL ONCOLOGY. 2023. SPRINGER-VERLAG ITALIA SRL. 10.1007/s12094-023-03203-8.

GARCÍA SÁENZ, JOSÉ ÁNGEL, Blancas, Isabel, Echavarría, Isabel, Hinojo, Carmen, Margeli, Mireia, MORENO ANTÓN, FERNANDO, Pernas, Sonia, Cajal, Teresa, Ribelles, Nuria, Bellet, Meritxell. SEOM-GEICAM-SOLTI clinical guidelines in advanced breast cancer (2022) (May, 10.1007/s12094-023-03203-8, 2023). CLINICAL & TRANSLATIONAL ONCOLOGY. 2023. SPRINGER-VERLAG ITALIA SRL. 10.1007/s12094-023-03229-y.

PÉREZ SEGURA, PEDRO, Quintela, Noelia Vilarino, Garcia, Maria Martinez, Berron, Sonia del Barco, Sarrio, Regina Girones, Gomez, Jesus Garcia, Castano, Almudena Garcia, Martin, Luis Miguel Navarro, Rubio, Oscar Gallego, Losada, Estela Pineda. SEOM-GEINO clinical guidelines for high-grade gliomas of adulthood (2022). CLINICAL & TRANSLATIONAL ONCOLOGY. 2023. SPRINGER-VERLAG ITALIA SRL. 10.1007/s12094-023-03245-y.

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New Competitive Funding

EUR.M01NIH. BRCA1/2 and Hereditary Breast, Ovarian and Preactic (HBOP) Cancer Variant Curation Expert Panels. PI: DE LA HOYA MANTECÓN, MIGUEL. Funding organisation: NATIONAL INSTITUTES OF HEALTH (NIH).

IFEQ22/00040. Consolidación de la Unidad de Genómica del IdiSSC. PI: DE LA HOYA MANTECÓN, MIGUEL. Funding organisation: INSTITUTO DE SALUD CARLOS III.

AP183192023. Investigación de la Microbiota en relación con la respuesta a la Inmunoterapia en pacientes afectados de Cáncer No Microcítico de Pulmón avanzado. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS. Funding organisation: FUNDACION MUTUA MADRILEÑA.

PI22/00916. Recuperación de la función eréctil y de la continencia urina, trasla prostatectomía radical para el tratamiento del cáncer de próstata, utilizando materiales biohíbridos. Estudio in vitro. PI: GOMEZ RIVAS, JUAN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PID2022-1423610B-I00. Seguimiento personalizado con biopsia líquida para monitorizar la respuesta y evolución en carcinoma de mama localmente avanzado HER+ y TN. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

New Non Competitive Funding

ECL.23/116. A RETROSPECTIVE, REAL-WORLD MULTICENTER STUDY OF DOSTARLIMAB IN PATIENTS WITH RECURRENT OR ADVANCED DNA MISMATCH REPAIR DEFICIENT/MICROSATELLITE INSTABILITY-HIGH (dMMR/MSI-H) ENDOMETRIAL CANCER (DORA STUDY). PI: MARQUINA OSPINA, GLORIA.

ECL.22/688. ACTIVIDAD CLÍNICA E INMUNOLÓGICA DE NEMVALEUCINA ALFA CON UNA PAUTA POSOLÓGICA IV MENOS FRECUENTE COMO MONOTERAPIA Y EN COMBINACIÓN CON PEMBROLIZUMAB E IMPACTO EN EL MICROENTORNO TUMORAL EN PACIENTES CON TUMORES SÓLIDOS (ARTISTRY-3). PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.23/212. ANÁLISIS DE POLIMORFISMOS DE UGT1A1 Y RIESGO DE TOXICIDAD POR TRASTUZUMAB-DERUXTECAN. PI: LÓPEZ DE SÁ LORENZO, ALFONSO.

ECL.22/601. CAMBRIA-1: A PHASE III, OPEN-LABEL, RANDOMISED STUDY TO ASSESS THE EFFICACY AND SAFETY OF EXTENDED THERAPY WITH CAMIZESTRANT (AZD9833, A NEXT GENERATION, ORAL SELECTIVE ESTROGEN RECEPTOR DEGRADER) VERSUS STANDARD ENDOCRINE THERAPY (AROMATASE INHIBITOR OR TAMOXIFEN) IN PATIENTS WITH ER+/HER2- EARLY BREAST CANCER AND AN INTERMEDIATE OR HIGH RISK OF RECURRENCE WHO HAVE COMPLETED DEFINITIVE LOCOREGIONAL THERAPY AND AT LEAST 2 YEARS OF STANDARD ADJUVANT ENDOCRINE-BASED THERAPY WITHOUT DISEASE RECURRENCE. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/356. DESARROLLO Y VALIDACIÓN DE UN CUESTIONARIO DE DETECCIÓN DE MALESTAR PSICOLÓGICO (PROM) PARA SUJETOS CON CÁNCER DE PRÓSTATA: ESTUDIO OBSERVACIONAL Y TRANSVERSAL (HRQOL CAP). PI: VÁZQUEZ MASEDO, MANUEL GONZALO.

ECL.23/344. DETECCIÓN DE CTDNA Y CARACTERIZACIÓN DE SUBPOBLACIONES INMUNES CIRCULANTES EN PACIENTES CON CMTN TRATADAS CON QUIMIO (INMUNO) TERAPIA (NEO)ADYUVANTE. PI: MORENO ANTÓN, FERNANDO.

ECL.17/060. DETERMINACIÓN DE MUTACIONES DE LOS GENES BRCA1 Y BRCA2 EN MUESTRAS DE TEJIDO TUMORAL DE PACIENTES CON DIAGNÓSTICO DE CÁNCER DE OVARIO SEROSO DE ALTO GRADO. PI: PÉREZ SEGURA, PEDRO.

ECL.22/509. EMBER-4: ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, EN EL QUE SE COMPARA LA ADMINISTRACIÓN ADYUVANTE DE IMLUNESTRANT VERSUS TERAPIA ENDOCRINA ADYUVANTE ESTÁNDAR EN PACIENTES QUE RECIBIERON PREVIAMENTE DE 2 A 5 AÑOS DE TERAPIA ENDOCRINA ADYUVANTE PARA EL CÁNCER DE MAMA TEMPRANO ER+, HER2- CON UN MAYOR RIESGO DE RECURRENCIA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.22/462. ENSAYO CLÍNICO DE FASE 2 DE PEMBROLIZUMAB EN COMBINACIÓN CON CARBOPLATINO Y CABAZITAXEL EN LA VARIANTE AGRESIVA DEL CÁNCER DE PRÓSTATA METASTÁSICO RESISTENTE A LA CASTRACIÓN. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/710. ENSAYO CLÍNICO DE FASE II PARA ESTUDIAR LA EFICACIA Y SEGURIDAD DE PEMBROLIZUMAB (MK-3475) Y PEMBROLIZUMAB EN COMBINACIÓN CON OTROS AGENTES EN INVESTIGACIÓN EN SUJETOS CON CÁNCER DE VÉJIGA NO MÚSCULO-INVASIVO (CVNMI) DE ALTO RIESGO QUE NO RESPONDEN A TERAPIA CON BACILO CALMETTE-GUÉRIN (BCG). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/747. ENSAYO CLÍNICO FASE II DE QUIMIO-INMUNOTERAPIA NEOADYUVANTE SEGUIDA DE TRATAMIENTO ADYUVANTE SEGÚN EL ESTADO DE RESECCIÓN PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) CON DIAGNÓSTICO DE TUMOR DE PANCOAST. UN ESTUDIO EXPLORATORIO MULTICÉNTRICO. PI: AGUADO DE LA ROSA, CARLOS.

ECL.22/711. ENSAYO DE FASE I/II MULTICÉNTRICO Y ABIERTO QUE EVALÚA LA SEGURIDAD, TOLERABILIDAD Y EFICACIA DE MORAB-202, UN CONJUGADO ANTICUERPO-FÁRMACO (ADC) DIRIGIDO A RECEPTORES ALFA DE FOLATO (FR?), EN PACIENTES CON DETERMINADOS TIPOS DE TUMORES. PI: CASADO HERRÁEZ, ANTONIO.

ECL.23/474. ENSAYO DE FASE I-II DE SUNITINIB Y/O NIVOLUMAB MÁS QUIMIOTERAPIA EN SARCOMAS AVANZADOS DE TEJIDOS BLANDOS Y ÓSEOS. PI: CASADO HERRÁEZ, ANTONIO.

ECL.23/123. ENSAYO EN FASE III, ALEATORIZADO, ABIERTO DE DATO-DXD MÁS PEMBROLIZUMAB FRENTE A PEMBROLIZUMAB EN MONOTERAPIA EN PACIENTES SIN TRATAMIENTO PREVIO CON CÁNCER DE PULMÓN NO MICROCÍTICO AVANZADO O METASTÁSICO CON PD-L1 ALTO (PPT ≥50 %) SIN ALTERACIONES GENÓMICAS SUSCEPTIBLES DE SER DIANAS TERAPÉUTICAS (TROPION-LUNG08). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/734. ENSAYO FASE I/II ALEATORIZADO DE LB-100 MÁS DOXORRUBICINA VS. DOXORRUBICINA SOLA EN PRIMERA LÍNEA DE SARCOMAS DE TEJIDOS BLANDOS AVANZADOS. PI: MARQUINA OSPINA, GLORIA.

ECL.23/343. ESTUDIO ABIERTO EN FASE IB/II DE SAMURACICLIB EN COMBINACIÓN CON ELACESTRANT EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO O LOCALMENTE AVANZADO CON RECEPTOR HORMONAL POSITIVO Y RECEPTOR DEL FACTOR DE CRECIMIENTO EPIDÉRMICO HUMANO 2 NEGATIVO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.22/225. ESTUDIO ABIERTO, ALEATORIZADO, FASE II DE COMBINACIONES DE INHIBIDORES DE PUNTOS DE CONTROL INMUNITARIO CON AXITINIB EN PACIENTES CON CARCINOMA DE CÉLULAS RENALES NO TRATADO PREVIAMENTE LOCALMENTE AVANZADO NO RESECABLE O METASTÁSICO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/630. ESTUDIO ALEATORIZADO TIPO PARAGUAS DE FASE 1/2 PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE PEMBROLIZUMAB MÁS ENFORTUMAB VEDOTINA (EV) EN COMBINACIÓN CON MEDICAMENTOS EN INVESTIGACIÓN FRENTE A PEMBROLIZUMAB MÁS EV COMO TRATAMIENTO DE PRIMERA LÍNEA PARA PARTICIPANTES CON CARCINOMA UROTELIAL AVANZADO (KEYMAKER-U04): SUBESTUDIO 04B. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.23/052. ESTUDIO ALEATORIZADO Y ABIERTO DE FASE 3 EN EL QUE SE COMPARA TARLATAMAB CON EL TRATAMIENTO ESTÁNDAR EN SUJETOS CON CÁNCER DE PULMÓN MICROCÍTICO EN RECAÍDA DESPUÉS DE RECIBIR QUIMIOTERAPIA DE PRIMERA LÍNEA BASADA EN PLATINO (DELLPHI-304). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/746. ESTUDIO ALEATORIZADO, DOBLE CIEGO, MULTICÉNTRICO INTERNACIONAL, DE FASE III PARA EVALUAR LA EFICACIA ANTITUMORAL Y LA SEGURIDAD DE HLX10 (INYECCIÓN DE ANTICUERPOS MONOCLONALES HUMANIZADOS ANTI-PD-1 RECOMBINANTES) O PLACEBO, EN COMBINACIÓN CON QUIMIOTERAPIA (CARBOPLATINO/CISPLATINO-ETOPÓSIDO) Y RADIOTERAPIA CONCOMITANTE EN PACIENTES CON CÁNCER DE PULMÓN DE CÉLULAS PEQUEÑAS EN ESTADIO LIMITADO (CPCP-EL). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.23/420. ESTUDIO AMBISPECTIVO, NO INTERVENCIONISTA, DE COHORTES MÚLTIPLES PARA EVALUAR EL MANEJO DEL TRATAMIENTO CON OSIMERTINIB EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO CON MUTACIONES EGFR EN CONDICIONES REALES EN ESPAÑA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.23/569. ESTUDIO CLÍNICO DE FASE 2, ALEATORIZADO, DOBLE CIEGO Y COMPARATIVO CON PLACEBO Y CON TRATAMIENTO ACTIVO, DE V940 (MRNA-4157) ADYUVANTE MÁS PEMBROLIZUMAB EN COMPARACIÓN CON UN PLACEBO ADYUVANTE MÁS PEMBROLIZUMAB EN PARTICIPANTES CON CARCINOMA UROTELIAL CON INVASIÓN MUSCULAR DE ALTO RIESGO TRAS UNA RESECCIÓN RADICAL. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/533. ESTUDIO CON AUMENTO ESCALONADO Y AMPLIACIÓN DE LA DOSIS PARA EVALUAR LA SEGURIDAD Y LA FARMACOCINÉTICA DEL XB002 EN MONOTERAPIA Y POLITERAPIA EN PACIENTES CON TUMORES SÓLIDOS LOCALMENTE AVANZADOS O METASTÁSICOS INOPERABLES. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.22/252. ESTUDIO DE ESCALADA DE DOSIS Y DE AMPLIACIÓN PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE XL092 EN COMBINACIÓN CON FÁRMACOS INMUNOLÓGICOS EN PACIENTES CON TUMORES SÓLIDOS AVANZADOS O METASTÁSICOS IRRESECABLES. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/446. ESTUDIO DE FASE 1B-2, SIN ENMASCARAMIENTO, MULTICÉNTRICO, EN EL QUE SE EVALÚA ELACESTRANT EN MONOTERAPIA Y EN COMBINACIÓN CON ABEMACICLIB EN MUJERES Y VARONES CON METÁSTASIS CEREBRALES CAUSADAS POR UN CÁNCER DE MAMA CON RECEPTORES DE ESTRÓGENO Y SIN SOBREEXPRESIÓN DEL RECEPTOR HER2 (ELECTRA). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/424. ESTUDIO DE FASE 2 MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CETUXIMAB EN COMBINACIÓN CON ENCORAFENIB Y BINIMETINIB COMO TRATAMIENTO DE INDUCCIÓN EN EL CÁNCER COLORRECTAL AVANZADO INICIALMENTE RESECABLE O POTENCIALMENTE RESECABLE CON MUTACIÓN BRAF (V600E) Y MSS: ESTUDIO CEBBRA. PI: SASTRE VALERA, JAVIER.

ECL.23/371. ESTUDIO DE FASE 2, ABIERTO, CON VARIOS GRUPOS, DE TISLELIZUMAB EN COMBINACIÓN CON AGENTES EN FASE DE INVESTIGACIÓN, COMO TRATAMIENTO DE PRIMERA LÍNEA EN PACIENTES CON CARCINOMA EPIDERMÓIDE DE CABEZA Y CUELLO RECURRENTE O METASTÁSICO. PI: CABEZAS CAMARERO, SANTIAGO.

ECL.22/637. ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, MULTICÉNTRICO DE ARV-471 (PF-07850327) FRENTE A FULVESTRANT EN PARTICIPANTES CON CÁNCER DE MAMA AVANZADO CON RECEPTORES ESTROGÉNICOS, SIN MUTACIÓN DEL GEN HER2 CUYA ENFERMEDAD HAYA PROGRESADO DESPUÉS DE UN TRATAMIENTO ENDOCRINO PREVIO PARA LA ENFERMEDAD AVANZADA (VERITAC-2). PI: MORENO ANTÓN, FERNANDO.

ECL.23/316. ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, MULTICÉNTRICO DE ARV-471 (PF-07850327) MÁS PALBOCICLIB EN COMPARACIÓN CON LETROZOL MÁS PALBOCICLIB PARA EL TRATAMIENTO DE PARTICIPANTES CON CÁNCER DE MAMA CON RECEPTOR ESTROGÉNICO POSITIVO Y HER2 NEGATIVO QUE NO HAN RECIBIDO NINGÚN TRATAMIENTO ANTINEOPLÁSICO SISTÉMICO PREVIO PARA LA ENFERMEDAD AVANZADA (VERITAC-3). PI: MORENO ANTÓN, FERNANDO.

ECL.22/290. ESTUDIO DE FASE I/IIA, ABIERTO Y MULTICÉNTRICO, PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA Y, DE MANERA PRELIMINAR, LA EFICACIA DE ART0380, UN INHIBIDOR DE LA QUINASA ATR, ADMINISTRADO POR VÍA ORAL EN MONOTERAPIA Y EN COMBINACIÓN A PACIENTES CON TUMORES SÓLIDOS AVANZADOS O METASTÁSICOS. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.22/659. ESTUDIO DE FASE II CON BIOMARCADORES DE CABOZANTINIB EN CÁNCER DE TIROIDES DIFERENCIADO AVANZADO REFRACTARIO AL YODO RADIACTIVO. PI: MARQUINA OSPINA, GLORIA.

ECL.22/553. ESTUDIO DE FASE II MULTICÉNTRICO, ALEATORIZADO, ABIERTO, CONTROLADO DE RO7247669 ADMINISTRADO SOLO O EN COMBINACIÓN CON TIRAGOLUMAB FRENTE A ATEZOLIZUMAB EN PACIENTES CON CARCINOMA UROTelial LOCALMENTE AVANZADO O METASTÁSICO, NO TRATADOS PREVIAMENTE, QUE NO SON APTOS PARA RECIBIR QUIMIOTERAPIA BASADA EN PLATINO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.23/326. ESTUDIO DE FASE II, INTERVENCIONISTA, ABIERTO, MULTICÉNTRICO, ALEATORIZADO, DE FULVESTRANT CON O SIN SAMURACICLIB EN PARTICIPANTES CON CÁNCER DE MAMA METASTÁSICO O LOCALMENTE AVANZADO, POSITIVO PARA RECEPTORES HORMONALES Y NEGATIVO PARA EL RECEPTOR 2 DEL FACTOR DE CRECIMIENTO EPIDÉRMICO HUMANO. PI: MORENO ANTÓN, FERNANDO.

ECL.22/482. ESTUDIO DE FASE I-II QUE INVESTIGA LA SEGURIDAD, LA TOLERABILIDAD, LA FARMACOCINÉTICA Y LA ACTIVIDAD ANTITUMORAL PRELIMINAR DE VARIAS COMBINACIONES DE BGB A425 Y LBL-007 CON TISLELIZUMAB EN PACIENTES CON TUMORES SÓLIDOS AVANZADOS. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.22/461. ESTUDIO DE FASE III, ABIERTO, ALEATORIZADO Y MULTICÉNTRICO, DE CERLASERTIB MÁS DURVALUMAB FRENTE A DOCETAXEL EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO AVANZADO O METASTÁSICO SIN ALTERACIONES GENÓMICAS APROVECHABLES TERAPÉUTICAMENTE Y CUYA ENFERMEDAD HAYA PROGRESADO DURANTE O DESPUÉS DEL TRATAMIENTO PREVIO CON ANTI-PD-(L)1 Y QUIMIOTERAPIA BASADA EN EL PLATINO: LATIFY. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.23/248. ESTUDIO DE FASE III, ALEATORIZADO, ABIERTO, DE SACITUZUMAB GOVITECAN FRENTE AL TRATAMIENTO DE ELECCIÓN DEL MÉDICO EN PACIENTES CON CÁNCER DE MAMA CON RECEPTOR HORMONAL POSITIVO (HR+)/RECEPTOR 2 DEL FACTOR DE CRECIMIENTO EPIDÉRMICO HUMANO NEGATIVO (HER2-) (HER2 IHC0 O BAJA EXPRESIÓN DE HER2 [IHC 1+, IHC 2+/ISH-] LOCALMENTE AVANZADO O METASTÁSICO, INOPERABLE, QUE HAN RECIBIDO HORMONOTERAPIA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/277. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR ATEZOLIZUMAB Y BEVACIZUMAB, CON O SIN TIRAGOLUMAB, EN PACIENTES CON CARCINOMA HEPATOCELULAR LOCALMENTE AVANZADO O METASTÁSICO NO TRATADO. PI: SASTRE VALERA, JAVIER.

ECL.23/019. ESTUDIO DE FASE IIIB, MULTICÉNTRICO, ABIERTO Y DE UN SOLO GRUPO DE DURVALUMAB Y TREMELIMUMAB COMO TRATAMIENTO DE PRIMERA LÍNEA EN PARTICIPANTES CON CARCINOMA HEPATOCELULAR AVANZADO (SIERRA). PI: GARCÍA PAREDES, BEATRIZ.

ECL.23/365. ESTUDIO DE SEGURIDAD POSAUTORIZACIÓN DE FASE IV PARA INVESTIGAR LA SEGURIDAD A LARGO PLAZO DE LUTECIO (177Lu) VIPIVOTIDA TETRAKETANO EN PARTICIPANTES ADULTOS CON CÁNCER DE PRÓSTATA. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.23/208. ESTUDIO DISTRIBUIDO AL AZAR, DOBLEMENTE CIEGO, MULTICÉNTRICO, DE FASE III DE AK112 O PLACEBO COMBINADO CON PEMETREXED Y CARBOPLATINO EN PACIENTES CON CÁNCER DE PULMÓN DE CÉLULAS NO PEQUEÑAS (NSCLC, POR SU SIGLA EN INGLÉS) LOCALMENTE AVANZADO O METASTÁSICO NO ESCAMOSO CON MUTACIÓN DEL RECEPTOR DEL FACTOR DE CRECIMIENTO EPIDÉRMICO (EGFR, POR SU SIGLA EN INGLÉS) QUE NO RESPONDIERON AL TRATAMIENTO CON INHIBIDORES DE LA TIROSINA KINASA (TKI, POR SU SIGLA EN INGLÉS) DEL EGFR (HARMONI). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/744. ESTUDIO EN FASE I/II DE REGN4018 (UN ANTICUERPO BIESPECÍFICO MUC16XCD3) ADMINISTRADO SOLO O EN COMBINACIÓN CON CEMIPIMAB EN PACIENTES CON CÁNCER DE OVARIO RECURRENTE. PI: CASADO HERRÁEZ, ANTONIO.

ECL.22/617. ESTUDIO EN FASE I/II, ABIERTO, DE ESCALADA DE DOSIS Y AMPLIACIÓN DE LA DOSIS DEL AGONISTA DE TLR7/8 TRANSCON, EN MONOTERAPIA O EN COMBINACIÓN CON PEMBROLIZUMAB, EN PARTICIPANTES CON TUMORES SÓLIDOS MALIGNOS LOCALMENTE AVANZADOS O METASTÁSICOS. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.23/238. ESTUDIO EN FASE II ABIERTO DE SACITUZUMAB GOVITECAN EN EL CÁNCER UROTelial METASTÁSICO O LOCALMENTE AVANZADO IRRESECABLE. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.23/215. ESTUDIO EN FASE II, MULTICÉNTRICO Y SIN ENMASCARAMIENTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE LA MONOTERAPIA CON OLAPARIB Y LA COMBINACIÓN DE OLAPARIB JUNTO CON DURVALUMAB COMO TRATAMIENTO NEOADYUVANTE EN PACIENTES CON MUTACIONES BRCA Y CÁNCER DE MAMA HER2 NEGATIVO EN FASE TEMPRANA (OLYMPIAN). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/530. ESTUDIO EN FASE III ALEATORIZADO DE DATOPOTAMAB DERUXTECÁN (DATO-DXD) Y PEMBROLIZUMAB, CON O SIN QUIMIOTERAPIA CON PLATINO, EN SUJETOS SIN TRATAMIENTO PREVIO PARA CÁNCER DE PULMÓN AVANZADO O METASTÁSICO CON TPS PD-L1. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.23/508. ESTUDIO FASE 2, ABIERTO, DE UN SOLO BRAZO, DE SACITUZUMAB GOVITECAN PERIOPERATORIO EN COMBINACIÓN CON ZIMBERELIMAB Y DOMVANALIMAB EN PACIENTES CON CÁNCER DE VEJIGA MÚSCULO-INVASIVO NO ELEGIBLES PARA QUIMIOTERAPIA BASADA EN CISPLATINO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/583. ESTUDIO FASE II, ALEATORIZADO, PARA EVALUAR LA INCIDENCIA DE DISCONTINUACIÓN DEBIDA A DIARREA EN LOS 3 PRIMEROS CICLOS DE TRATAMIENTO EN PACIENTES CON CÁNCER DE MAMA PRECOZ HER2 POSITIVO (HER2+), RECEPTOR HORMONAL POSITIVO (RH+), TRATADOS CON NERATINIB MÁS LOPERAMIDA VERSUS NERATINIB CON ESCALADA INICIAL DE DOSIS MÁS LOPERAMIDA (SEGÚN NECESIDAD) VERSUS NERATINIB MÁS LOPERAMIDA MÁS COLESEVELAM "ESTUDIO DIANER". PI: MORENO ANTÓN, FERNANDO.

ECL.23/074. ESTUDIO FASE III DE POST-NEOADYUVANCIA QUE EVALÚA SACITUZUMAB GOVITECAN, UN ANTICUERPO CONJUGADO, EN PACIENTES CON CÁNCER PRIMARIO DE MAMA HER2 NEGATIVO CON ALTO RIESGO DE RECAÍDA TRAS EL TRATAMIENTO NEOADYUVANTE ESTÁNDAR - SASCIA. PI: MORENO ANTÓN, FERNANDO.

ECL.23/102. ESTUDIO INTERNACIONAL DE VALIDACIÓN DE LA BIOPSIA DEL GANGLIO CENTINELA EN EL CÁNCER DE CUELLO UTERINO PRECOZ. PI: CASADO HERRÁEZ, ANTONIO.

ECL.22/302. ESTUDIO MULTICÉNTRICO DE FASE III, ALEATORIZADO Y SIN ENMASCARAMIENTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE LA COMBINACIÓN GIREDESTRANT MÁS EVEROLIMUS Y COMPARARLAS CON LA DE LA COMBINACIÓN DE LA TERAPIA HORMONAL ELEGIDA POR EL MÉDICO MÁS EVEROLIMUS EN PACIENTES CON CÁNCER DE MAMA CON RECEPTORES ESTROGÉNICOS, SIN MUTACIÓN DEL GEN HER2, LOCALMENTE AVANZADO O METASTÁSICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/073. ESTUDIO MULTICÉNTRICO, ABIERTO, DE FASE I/II DE EOS884448 EN COMBINACIÓN CON EL TRATAMIENTO ESTÁNDAR Y/O TERAPIAS EXPERIMENTALES EN PARTICIPANTES CON TUMORES SÓLIDOS AVANZADOS. PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.22/396. ESTUDIO OBSERVACIONAL DEL TRATAMIENTO CON INHIBIDORES DE PARP EN PACIENTES CON CÁNCER DE OVARIO AVANZADO Y/O METASTÁSICO DENTRO DE PRÁCTICA CLÍNICA HABITUAL. PI: MARQUINA OSPINA, GLORIA.

ECL.23/103. ESTUDIO OBSERVACIONAL RETROSPECTIVO PARA EVALUAR LA EFECTIVIDAD Y LA SEGURIDAD DEL TRATAMIENTO EN PRIMERA LÍNEA CON ATEZOLIZUMAB EN CÁNCER UROTELIAL LOCALMENTE AVANZADO O METASTÁSICO EN LA PRÁCTICA CLÍNICA HABITUAL: ESTUDIO IMFLAME. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/646. ESTUDIO OBSERVACIONAL, MULTICÉNTRICO, RETROSPECTIVO Y PROSPECTIVO, PARA EVALUAR LA EFECTIVIDAD Y SEGURIDAD DE LA INMUNOTERAPIA EN PACIENTES CON CÁNCER Y ENFERMEDADES INFLAMATORIAS INMUNOMEDIADAS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/609. Estudio piloto de la estrategia de tratamiento personalizada basada en biomarcadores o inmunoterapia en pacientes con carcinoma epidermoide de cabeza y cuello recurrente/metastásico "UPSTREAM". PI: CABEZAS CAMARERO, SANTIAGO.

ECL.22/109. EUROPA T-DXd: EXPERIENCIA EN EL MUNDO REAL EUROPEO DE PACIENTES CON CÁNCER DE MAMA POSITIVO PARA HER2 AVANZADO/METASTÁSICO PREVIAMENTE TRATADO QUE ACCEDEN A TRASTUZUMAB DERUXTECÁN A TRAVÉS DE UN PROGRAMA DE ACCESO INDIVIDUAL. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.23/443. Exploration of NTRK1/2/3 Gene Fusions in GIST & Bone Sarcomas. GIBOTREK. PI: MARQUINA OSPINA, GLORIA.

ECL.23/443. Exploration of NTRK1/2/3 Gene Fusions in GIST & Bone Sarcomas. GIBOTREK. PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.23/241. HEALTH-RELATED QUALITY OF LIFE MEASUREMENT STRATEGY FOR SOLID RARE CANCERS. PI: MARQUINA OSPINA, GLORIA.

ECL.23/167. INVESTIGACIÓN DE LA MICROBIOTA EN RELACIÓN CON LA RESPUESTA A LA INMUNOTERAPIA EN PACIENTES AFECTADOS DE CÁNCER NO MICROCÍTICO DE PULMÓN AVANZADO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/736. MULTICENTER, RANDOMIZED, Non-DRUG RELATED STUDY TO EVALUATE THE IMPACT OF LIFESTYLE CHANGES IN PATIENTS WITH METASTATIC HORMONE SENSITIVE PROSTATE CANCER (PROSFIT). PI: GOMEZ RIVAS, JUAN.

ECL.22/736. MULTICENTER, RANDOMIZED, Non-DRUG RELATED STUDY TO EVALUATE THE IMPACT OF LIFESTYLE CHANGES IN PATIENTS WITH METASTATIC HORMONE SENSITIVE PROSTATE CANCER (PROSFIT). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.23/468. OBSERVATIONAL STUDY FOR THE EXPLORATION OF NTRK1/2/3 GENE REARRANGEMENTS IN LOCALLY ADVANCED OR METASTATIC SOFT TISSUE SARCOMAS. PI: MARQUINA OSPINA, GLORIA.

ECL.22/039. OLAPARIB Y DURVALUMAB (MEDI4736) EN PACIENTES CON CÁNCER DE PÁNCREAS METASTÁSICO Y ALTERACIONES EN LOS GENES DE REPARACIÓN DE DAÑO EN EL ADN. PI: SASTRE VALERA, JAVIER.

ECL.23/556. PATRONES DE TRATAMIENTO Y SEGUIMIENTO PROLONGADO DE LOS PACIENTES CON CÁNCER DE PRÓSTATA QUE RECIBIERON DAROLUTAMIDA EN EL ENSAYO ARAMIS - PARASEC. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/324. PEAK. ESTUDIO CLÍNICO DE FASE 3, MULTICÉNTRICO, ALEATORIZADO Y ABIERTO DE CGT9486+SUNITINIB EN COMPARACIÓN CON SUNITINIB EN SUJETOS CON TUMORES DEL ESTROMA GASTROINTESTINAL LOCALMENTE AVANZADOS, IRRESECCABLES O METASTÁSICOS. PI: MARQUINA OSPINA, GLORIA.

ECL.23/451. PRIMER ESTUDIO EN HUMANOS DE STX-478, UN INHIBIDOR SELECTIVO DE MUTACIONES DE PI3Ka, UTILIZADO EN MONOTERAPIA Y EN COMBINACIÓN CON OTROS AGENTES ANTINEOPLÁSICOS EN PARTICIPANTES CON TUMORES SÓLIDOS AVANZADOS. PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.23/426. PRIMER ESTUDIO EN HUMANOS EN FASE I, ABIERTO, DE ESCALADA DE DOSIS Y EXPANSION DE COHORTES DE KB-0742 EN PACIENTES CON LINFOMA NO HODGKIN O TUMORES SOLIDOS RECIDIVANTES O RESISTENTES. PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.22/564. PROFILAXIS DE LA ENFERMEDAD TROMBOEMBÓLICA VENOSA CON HBPM (TINZAPARINA) EN PACIENTES CON CÁNCER COLORRECTAL METASTÁSICO QUE INICIAN LA PRIMERA LÍNEA DE TRATAMIENTO. PI: SASTRE VALERA, JAVIER.

ECL.22/650. UN ESTUDIO EN FASE III, MULTICÉNTRICO, ABIERTO Y ALEATORIZADO SOBRE LA ACCIÓN DE LA NEMVALEUKINA ALFA EN COMBINACIÓN CON PEMBROLIZUMAB FRENTE A LA QUIMIOTERAPIA ELEGIDA POR EL INVESTIGADOR EN PACIENTES CON CÁNCER EPITELIAL DE OVARIO, DE TROMPAS DE FALOPIO O PRIMARIO PERITONEAL RESISTENTE AL PLATINO (ARTISTRY-7). PI: MANZANO FERNÁNDEZ, ARÁNZA ZU.

ECL.22/651. UN PROTOCOLO MAESTRO DE UN ENSAYO DE FASE II ABIERTO, MULTICÉNTRICO Y CON MÚLTIPLES FÁRMACOS PARA EVALUAR LA EFICACIA, SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA E INMUNOGENICIDAD DE COMBINACIONES NOVEDOSAS EN PARTICIPANTES CON ADENOCARCINOMA GÁSTRICO O DE LA UNIÓN GASTROESOFÁGICA NO RESECCABLE O METASTÁSICO LOCALMENTE AVANZADO. PI: GARCÍA PAREDES, BEATRIZ.

Doctorate Theses

Doctoral candidate: Víctor Lorca Castellanos. Thesis Title: Estudio de la susceptibilidad genética en la poliposis adenomatosa atenuada. Director(s):, Pilar Garre Rubio. University: Universidad Complutense de Madrid.

ONC.2

Cancer and Obesity

Leading researcher

Antonio José Torres García

Members

Alejandra García Botella

Ana María Gómez Martínez

Andrés Sánchez Pernaute

Carlos Alfredo Fraile Olivero

Carmen De Juan Chocano

Daniel Rivera Alonso

Elka Jaimes León

Esther Martín García-Almenta

Florentino Hernando Trancho

Jaime Otero De Pablos

José Luis García Galocha

Jose María Mugüerza Husvet

José Ramón Jarabo Sarceda

Luis Ignacio Díez Valladares

Luis Miguel Estela Villa

M^a Inmaculada Domínguez Serrano

M^a Pilar Iniesta Serrano

María Elia Pérez Aguirre

Mariela Lizet Florez Gamarra

Mikel Rojo Abecia

Mónica Andrea Musteanu

Óscar Cano Valderrama

Pablo Picaporte Fuentes

Patricia Saez Carlin

Sofía Cristina De La Serna Esteban

Sofía Elena Tesolato

Vanessa Catalan Garza



Overview

Since its inception in 1992, numerous research projects have been developed by the Cancer and Obesity group in collaboration with researchers from the Department of Biochemistry and Molecular Biology, the Faculty of Pharmacy of the Universidad Complutense, and researchers from the II Surgery Services, Anatomic Pathology and Oncology Services of the Hospital San Carlos. The main objectives of the work have been mainly directed to the establishment of molecular diagnosis and prognosis of patients suffering from various carcinogenic processes. Ultimately, these studies will be useful in the creation of customized treatment protocols dependent of the detected molecular alterations.

Currently, tumor types under investigation are Non-small cell lung cancer and gastrointestinal cancers, especially colorectal and gastric cancer.

Among recent years achievements, results concerning the investigation of telomere function in Non-small cell lung cancer and colorectal cancer associated with the prognosis of affected patients must be highlighted. According to the group's data, the value of the telomere status is considered as a prognostic factor in different types of human cancers that could be explained through the analysis of molecules

Scientific production

39

Nº of papers
(WoS)

67% (26)

% Open
Access (Nº)

39

Nº of papers
JCR indexed

67% (26)

% Citable
Items (Nº)

38% (10)

Q1 (citable items)

8% (2)

D1 (citable items)

157.20

Cumulative IF

9.89

Average IF

related with the cellular senescence pathways. Thus, an established genetic signature comprising a small number of molecules would be useful in the establishment of the prognosis of affected patients that have undergone curative intent surgery.

More recently we have incorporated Obesity (and its treatment by Bariatric Surgery) as a new oncological promoter. We also started stool microbiota studies to go deeper investigating the relationship between telomere status, different molecular disorders, microbiota, and obesity.

Selected Publications

TESOLATO, SOFIA ELENA, VICENTE VALOR, JUAN, JARABO SARCEDA, JOSÉ RAMÓN, CALATAYUD GASTARDI, JOAQUÍN, SAIZ-PARDO SANZ, MELCHOR, NIETO BARBERO, MARÍA ASUNCIÓN, Alvaro-Alvarez, Dolores, Linares, María-Jesus, FRAILE OLIVERO, CARLOS ALFREDO, HERNANDO TRANCHO, FLORENTINO, INIESTA SERRANO, M^a PILAR, GÓMEZ MARTÍNEZ, ANA MARÍA. Role of Telomere Length in Survival of Patients with Idiopathic Pulmonary Fibrosis and Other Interstitial Lung Diseases. *Biomedicines*. 2023. 11 (12):- . DOI: 10.3390/biomedicines11123257. IF: 4,7. (Q1).

Gagner, Michel, Cadere, Guy-Bernard, SÁNCHEZ PERNAUTE, ANDRÉS, Abuladze, David, Krinke, Todd, Buchwald, J. N., Van Sante, Nathalie, Van Gossum, Marc, DZIAKOVA, JANA, Koiava, Levan, Odovic, Maja, Poras, Mathilde, Almutlaq, Lamees, TORRES GARCÍA, ANTONIO JOSÉ. Side-to-side magnet anastomosis system duodeno-ileostomy with sleeve gastrectomy: early multi-center results. *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*. 2023. 37 (8):6452-6463. DOI: 10.1007/s00464-023-10134-6. IF: 3,1. (Q1).

TESOLATO, SOFIA ELENA, ORTEGA HERNÁNDEZ, ADRIANA, GÓMEZ GARRE, DULCENOMBRE, Claver, Paula, DE JUAN CHOCANO, CARMEN, DE LA SERNA ESTEBAN, SOFIA CRISTINA, PAZ CABEZAS, MATEO, DOMÍNGUEZ SERRANO, M^a INMACULADA, DZIAKOVA, JANA, RIVERA ALONSO, DANIEL, TORRES GARCÍA, ANTONIO JOSÉ, INIESTA SERRANO, M^a PILAR. Gut microbiota profiles in feces and paired tumor and Non-tumor tissues from Colorectal Cancer patients. Relationship to the Body Mass Index. *Plos One*. 2023. 18 (10):- . DOI: 10.1371/journal.pone.0292551. IF: 3,7. (Q2).

New Non Competitive Funding

ECL.23/049. ESTUDIO CLÍNICO MULTICÉNTRICO, PROSPECTIVO, ALEATORIZADO BASADO EN UN REGISTRO 'REAL-WORLD' PARA EVALUAR LA FRECUENCIA DE LAS COMPLICACIONES TRAS UNA LAPAROSCOPIA O LAPAROTOMÍA DE URGENCIA O ELECTIVA USANDO LA SUTURA NOVOSYN CHD FRENTE A LA SUTURA DE POLIGLACTINA 910 PARA EL CIERRE DE LA INCISIÓN. PI: TORRES GARCÍA, ANTONIO JOSÉ.

Doctorate Theses

Doctoral candidate: Daniel González Gamo. Thesis Title: Análisis de microARNs en individuos con y sin Cáncer Colorrectal. Relación con la función telomérica y con el índice de masa corporal. Director(s): M^a Pilar Iniesta Serrano. University: Universidad Complutense de Madrid.

ONC.3

Pathological Anatomy

Leading researcher

Luis Ortega Medina

Members

Alicia García Montes-Jovellar

Cristina Díaz Del Arco

David De Pablo Velasco

Dolores García López

Elena Milagrosa Molina Roldán

Estela Labad Delgado

Eva Rodríguez Escudero

Isabel Casado Fariñas

José Antonio Cortés Toro

Mª De Los Ángeles Cerón Nieto

María Carmen Sáez Rodríguez

María Jesús Fernández Aceñero

María Luisa González Morales

María Luisa Suarez Solis

Melchor Saiz-Pardo Sanz

Montserrat De La Torre Serrano

Patricia Barreiro Sanabria

Ricardo García Martínez

Virginia Acedo Jiménez



Selected Publications

Vega-Gonzalez, Jesus, Perez-Alonso, Pablo, Sanz, Gonzalo, FERNANDEZ ACEÑERO, MARÍA JESUS. Anal cytology: Diagnosis of intestinal spirochaetosis. Cytopathology. 2023. 34 (6):630-633. DOI: 10.1111/cyt.13277. IF: 1,493. (Q3).

DIAZ DEL ARCO, CRISTINA, ORTEGA MEDINA, LUIS, Munoz, Lourdes Estrada, MOLINA ROLDÁN, ELENA MILAGROSA, de las Heras, Soledad García Gomez, FERNANDEZ ACEÑERO, MARÍA JESUS. Impact of Age at Diagnosis on Clinicopathological Features, Prognosis, and Management of Gastric Cancer: A Retrospective Single-Center Experience from Spain. Cancers. 2023. 15 (17):- . DOI: 10.3390/cancers15174241. IF: 5,2. (Q2).

Nielsen, Lone, COLINO GALLARDO, ANA MARÍA, PÉREZ ALONSO, PABLO, ORTEGA MEDINA, LUIS, Garcia, Esthefania Latorre, DIAZ DEL ARCO, CRISTINA, Jimenez, Reyes Bergillos, Garcia, Lorenzo Alarcon, Blanco, Marta Cruz, Gonzalez, Jesus Vega, DE LA TORRE SERRANO, MONTSERRAT, FERNANDEZ ACEÑERO, MARÍA JESUS. Diagnostic clues for hyalinizing trabecular tumor on fine needle aspiration cytology. CytoJournal. 2023. 20 ():- . DOI: 10.25259/Cytojournal_34_2023. IF: 1,9. (Q3).

Scientific production

22

Nº of papers (WoS)

55% (12)

% Open Access (Nº)

21

Nº of papers JCR indexed

86% (18)

% Citable Items (Nº)

33% (6)

Q1 (citable items)

6% (1)

D1 (citable items)

76.09

Cumulative IF

4.23

Average IF

ONC.4

Cell Signaling Mechanisms during Development and Tumor Progression

Leading researcher

Almudena Porras Gallo

Members

Alvaro Gutiérrez Uzquiza

Ángel Cuesta Martínez

Aránzazu Sánchez Muñoz

Beatriz Pacheco González

Blanca María Herrera González

Carlos González Corralejo

Cesáreo Roncero Romero

Cristina Baquero Mayo

Eva Fernández Calderón

Juan García Saez

María Rodrigo Faus

Mateo Cueto Remacha

Minerva Iniesta González

Nerea Palao Treviño

Paloma Bragado Domingo



Selected Publications

Martin-Morales, Lorena, MANZANO FIGUEROA, SARA, RODRIGO FAUS, MARÍA, Vicente-Barrueco, Adrian, LORCA CASTELLANOS, VÍCTOR, Nunez-Moreno, Gonzalo, BRAGADO DOMINGO, PALOMA, PORRAS GALLO, ALMUDENA, CALDES LLOPIS, TRINIDAD, GARRE RUBIO, PILAR, GUTIERREZ UZQUIZA, ALVARO. Germline gain-of-function MMP11 variant results in an aggressive form of colorectal cancer. INTERNATIONAL JOURNAL OF CANCER. 2023. 152 (2):283-297. DOI: 10.1002/ijc.34289. IF: 6,4. (Q1).

Canada-Garcia, Javier E., Ramirez de Arellano, Eva, Jimenez-Orellana, Miguel, Viedma, Esther, SÁNCHEZ MUÑOZ, ARÁNZAZU, Alhambra, Almudena, Villa, Jennifer, DELGADO-IRIBARREN GARCIA-CAMP-ERO, ALBERTO, Bautista, Veronica, Lara, Noelia, Garcia-Cobos, Silvia, Aracil, Belen, Cercenado, Emilia, Perez-Vazquez, Maria, Oteo-Iglesias, Jesus. Carbapenemase-Producing *Klebsiella pneumoniae* in COVID-19 Intensive Care Patients: Identification of IncL-VIM-1 Plasmid in Previously Non-Predominant Sequence Types. ANTIBIOTICS-BASEL. 2023. 12 (1):- . DOI: 10.3390/antibiotics12010107. IF: 4,8. (Q1).

Cabrera-Montes, Jorge, Aguirre, Daniel T., Vinas-Lopez, Jesus, Lorente-Herraiz, Laura, Recio-Poveda, Lucia, Albinana, Virginia, Perez-Perez, Julian, Botella, Luisa M., CUESTA MARTÍNEZ, ÁNGEL. Mutation in *Chek2* triggers von Hippel-Lindau hemangioblastoma growth. ACTA NEUROCHIRURGICA. 2023. 165 (12):4241-4251. DOI: 10.1007/s00701-023-05825-x. IF: 2,4. (Q2).

Doctorate Theses

Doctoral candidate: BAQUERO MAYO, CRISTINA. Thesis Title: Papel de C3G en la diferenciación megacariocítica. Regulación de los procesos de daño hepático por la proteína C3G plaquetaria. Director(s): PORRAS GALLO, ALMUDENA, BRAGADO DOMINGO, PALOMA. University: Universidad Complutense de Madrid.

Doctoral candidate: PALAO TREVIÑO, NEREA. Thesis Title: Caracterización de la función de C3G en hepatocitos y células progenitoras hepáticas. Director(s): PORRAS GALLO, ALMUDENA, SÁNCHEZ MUÑOZ, ARÁNZAZU. University: Universidad Complutense de Madrid.

New Competitive Funding

PID2022-137717OB-C21. Understanding how C3G regulates liver and cancer metabolism, and its impact on tumor microenvironment. Identification of mediators of platelet C3G effect on liver cancer. PI: PORRAS GALLO, ALMUDENA (Co-IP: ANGEL CUESTA MARTINEZ). Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

P2022/BMD-7434. Advanced Strategies and new Approaches for Protontherapy. PI: PORRAS GALLO, ALMUDENA. Funding organisation: COMUNIDAD DE MADRID.

Scientific production

8

Nº of papers
(WoS)

63%⁽⁵⁾

% Open
Access (Nº)

8

Nº of papers
JCR indexed

75%⁽⁶⁾

% Citable
Items (Nº)

50%⁽³⁾

Q1 (citable items)

25.90

Cumulative IF

4.32

Average IF

ONC.5

Cannabinoid Signaling in Tumor Cells

Leading researcher

Guillermo Velasco Díez

Members

Adrián Sanz Gálvez

Ana García Casas

Angélica Martínez López

Carmen Ramírez Castillejo

Edurne Múgica Urruzola

Elena María Tovar Amber

Estíbaliz Gabicagogeascoa Corta

Fátima Rodríguez Fornés

Guiomar Infante Gutiérrez

Kunzangla Bhutia

Mª Del Mar Lorente Pérez

Marco Cordani

Nelida Salvador Tormo

Óscar Gutiérrez Jiménez

Paola Martín Cabrera

Raquel Moraleda Esteban

Sonia Castillo Lluva



Overview

Since 2001, our group of the Faculty of Biology at the Universidad Complutense in Madrid has been developing a research line focused on the study of the molecular mechanisms underlying the antitumor activity of cannabinoids, as well as optimizing the conditions of the possible clinical application of these agents. During these investigations our group has developed lines of research related with the role of autophagy in cancer, the role of sphingolipids in the regulation of autophagy, the role of the Tribbles family of pseudokinases in cancer or the role of the midkine /ALK axis in gliomas. The group coordinated by Guillermo Velasco has published in some of the most important journals in the field of biomedicine, has obtained national and international public and private funding and established partnerships with pharmaceutical companies that have led to the development of patents. Likewise, the results obtained by his group have contributed to set the bases of several clinical trials.

Scientific production

15

Nº of papers
(WoS)

93% (14)

% Open
Access (Nº)

15

Nº of papers
JCR indexed

87% (13)

% Citable
Items (Nº)

54% (7)

Q1 (citable items)

70.90

Cumulative IF

5.45

Average IF

Selected Publications

Niza-Perez, Nayara, Quiroz-Troncoso, Josefa, Alegria-Aravena, Nicolas, Gomez-Ruiz, Santiago, Diaz-Garcia, Diana, RAMIREZ CASTILLEJO, CARMEN. New Carbonate-Based Materials and Study of Cytotoxic Capacity in Cancer Cells. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2023. 24 (6):- DOI: 10.3390/ijms24065546. IF: 5,6. (Q1).

Rahimi, Azadeh, Esmaeili, Yasaman, Dana, Nasim, Dabiri, Arezou, Rahimmanesh, Iliaz, Jandaghian, Setareh, Vaseghi, Golnaz, Shariati, Laleh, Zarrabi, Ali, Javanmard, Shaghayegh Haghjooy, CORDANI, MARCO. A comprehensive review on novel targeted therapy methods and nanotechnology-based gene delivery systems in melanoma. EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES. 2023. 187 (-):-. DOI: 10.1016/j.ejps.2023.106476. IF: 4,6. (Q2).

VELASCO DíEZ, GUILLERMO, Link, Wolfgang. Pseudokinases, Tribbles Proteins and Cancer. Cancers. 2023. 15 (14):- DOI: 10.3390/cancers15143547. IF: 5,2. (Q2).

Doctorate Theses

Doctoral candidate: Kunzangla Bhutia. Thesis Title: Role of the pseudokinase tribbles 3 in the development of Non-alcoholic steatohepatitis and its progression to hepatocellular carcinoma. Director(s): Guillermo Velasco Díez, Mar Lorente Pérez,. University: Universidad Complutense de Madrid.

Doctoral candidate: Estíbaliz Gabicagogeascoa Corta. Thesis Title: PAPEL DE LA PROTEÍNA AMBRA1 EN EL DESARROLLO Y PROGRESIÓN DE CARCINOMAS DE CÉLULAS ESCAMOSAS / ROLE OF AMBRA1 IN THE DEVELOPMENT AND PROGRESSION OF SQUAMOUS CELL CARCINOMAS. Director(s): Guillermo Velasco Díez, Mar Lorente Pérez,. University: Universidad Complutense de Madrid.

Doctoral candidate: Ana García Casas. Thesis Title: ESTUDIO DEL PAPEL QUE DESEMPEÑA LA SUMOILACIÓN DE RAC1 EN LA DISEMINACIÓN DEL CÁNCER DE MAMA. Director(s): Sonia Castillo Lluva, Guillermo Velasco Díez. University: Universidad Complutense de Madrid.

New Competitive Funding

S2022/BMD-7434. Advanced Strategies and new Approaches for Protontherapy. ASAP-CM. PI: VELASCO DíEZ, GUILLERMO. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CONV16/120. Consortium Agreement suscrito en el marco del Proyecto "Marie Skłodowska-Curie Innovation Training Network (ITN) European Training Network. PI: VELASCO DíEZ, GUILLERMO.

FJC.21/047424. Contrato Juan de la Cierva - Formación: "Angélica Martínez López". PI: VELASCO DíEZ, GUILLERMO. Funding organisation: MINISTERIO DE CIENCIA E INNOVACIÓN.

FI22/00233. Contrato PFIS: "Elena Tovar Ambel". PI: VELASCO DíEZ, GUILLERMO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Mobility Of Researchers

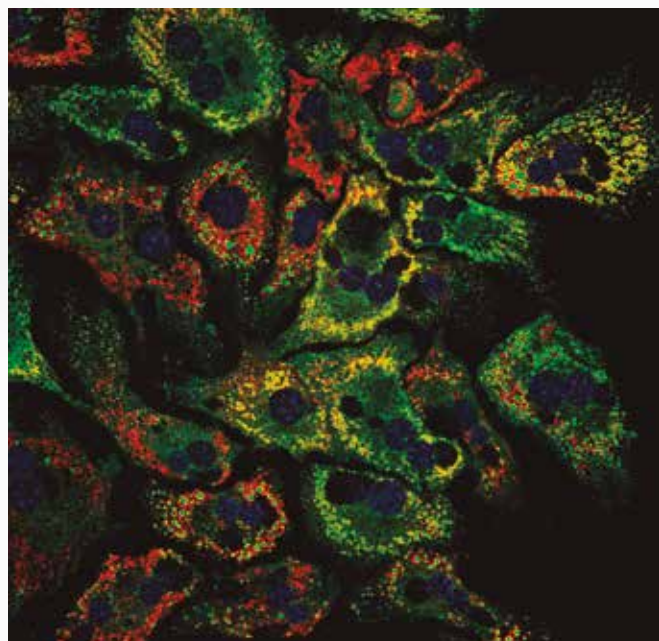
Research mobility: Estíbaliz Gabicagogeascoa Corta. Country: UK/españa. Center: AMLO Biosciences. Date of departure: 01/01/2023. Return date: 01/07/2023.

Visiting Researcher

Visiting researcher: Will Cousins. Country of origin: UK. Center: University of Newcastle. Project: Colaboración con Penny Lovat. Manuscritos en preparación. Date of arrival: 26/04/2023. Date of departure: 15/07/2023.

Visiting researcher: Rosana Fialho. Country of origin: Brasil. Center: Universidad de Bahia. Project: Colaboracion el grupo de Rosana Fialho. Artículos enviados. Date of arrival: 16/01/2023. Date of departure: 16/01/2023.

Visiting researcher: Magdalena Kusaczuk. Country of origin: Polonia. Center: Medical University of Bialystok. Project: Artículos publicados y en elaboración. Date of arrival: 16/07/2023. Date of departure: 16/07/2023.



Lipid droplets and staining with perilipin 2 in murine hepatocytes

ONC.6

Women's Health Research Group

Leading researcher

Pluvio Jesús Coronado Martín

Members

Alejandra Mayoral Triana

Arantazu Albarracín Solaeche

Concepción Cuenca González

Cristina Huerga López

Estefanía Ruipérez Pacheco

Francisco Javier García Santos

Ignacio Cristóbal García

Jorge Ruiz Rodríguez

Juan Eloy Asenjo De La Fuente

Juana María Brenes Sánchez

Lucía Garvín Ocampos

Luis Monleón Llorente

M^a Eugenia Olivares Crespo

M^a Jesús Sánchez Martín

María Del Mar Ramírez Mena

María Josefa Herrera De La Muela

Miguel Ángel Herráiz Martínez

Miriam De La Puente Yagüe

Mónica Bellón De Amo

Myriam Gracia Segovia

Nuria Izquierdo Méndez

Ricardo Savirón Cornudella

Rocío Vacas Mata



Overview

This group is integrated in the Department of Obstetrics and Gynaecology and has a long research history. It consists of senior researchers and incorporates new researchers which invigorate the group character. The group members have expertise in several research fields related to Obstetrics and Gynaecology, shown by several international research articles and alliances with national, as well as international groups.

The most relevant alliances are:

- the European Organization for Research and Treatment of Cancer (EORTC)
- the Society of European Gynecological Robotic Surgery (SERGS)
- the Spanish Association for the Study of the Menopause (AEEM)
- the Spanish Society of Cervical Pathology and Colposcopy (AEPCC)
- the Gynecological Oncology and Mammary Pathology Section from the Spanish Society of Gynecology and Obstetrics (SEGO)
- and the Spanish Society of Laparoscopic and Robotic Surgery (SECLA).

Within these organizations there is a representative which belongs to the research group.

Furthermore, due to its university nature, this group is committed to teaching and development of doctoral theses and end-of-degree projects in Medicine.

Scientific production

25

Nº of papers
(WoS)

44%(11)

% Open
Access (Nº)

22

Nº of papers
JCR indexed

86%(19)

% Citable
Items (Nº)

26%(5)

Q1 (citable items)

5%(1)

D1 (citable items)

76.53

Cumulative IF

4.03

Average IF

Selected Publications

Arevalo, Maria Sonsoles Galan, Mahillo-Fernandez, Ignacio, De Pip-aon, Miguel Saenz, Esteban, Luis Mariano, Martin, Diego Hernandez, Delgado, Juan Rodriguez, Munoz, Jose Carlos Estevez, Andeyro-Garcia, Mercedes, Perez, Roi Pineiro, SAVIRÓN CORNUDELLA, RICARDO. Postnatal catch-up growth in term newborns with altered fetal weight patterns. The GROWIN study. PEDIATRIC RESEARCH. 2023. 94 (3):1180-1188. DOI: 10.1038/s41390-023-02593-3. IF: 3,6. (Q1).

CORONADO MARTÍN, PLUVIO JESÚS, Alonso-Espias, Maria, Yildirim, Yusuf, Macuks, Ronalds, Mancari, Rosanna, Achimas-Cadariu, Patriciu, Anierte, Silvana M., Mitidieri, Marco, Lambaudie, Eric, Dubois, Nathanael, Zapardiel, Ignacio, SARCUT Study Grp. Lymph node dissection in uterine leiomyosarcomas: A matched-pair study. GYNECOLOG-IC ONCOLOGY. 2023. 174 (1):28-33. DOI: 10.1016/j.ygyno.2023.04.007. IF: 4,7. (Q1).

Ramirez, Mar, Delso, Vanesa, Sanchez, Maria J., SAGASTAGOITIA FORNIE, ÍÑIGO, Vargas, Sara, GARCÍA CUESTA, ALBA MARÍA, CORONADO MARTÍN, PLUVIO JESÚS. Mpox (Monkeypox) Presenting as Cervical and Vulvar Disease. OBSTETRICS AND GYNECOLOGY. 2023. 141 (3):613-617. DOI: 10.1097/AOG.0000000000005077. IF: 7,2. (D1).

Awards

Researcher aware: CORONADO MARTÍN, PLUVIO JESÚS. Award: XXIX Premio Científico - 1º Premio. Winning work: Effectiveness of prophylactic human papillomavirus vaccine in the prevention of recurrence in women conized por HSIL/CIN 2-3: The Venus Study.

Researcher aware: CORONADO MARTÍN, PLUVIO JESÚS. Award: Premio MERCO de liderazgo reputacional sanitario 2023 (nominado entre los 5 mejores).

New Non Competitive Funding

ECL.21/460. PROYECTO DE MEJORA DE LA EXPERIENCIA DE LAS PACIENTES CON CÁNCER DE MAMA MEDIANTE CODISEÑO BASADO EN LA EXPERIENCIA. PI: HERRERA DE LA MUELA, MARIA JOSEFA.

ECL.23/188. ESTUDIO GLI-112: EVALUACIÓN DE LA EFICACIA DE LA COMBINACIÓN DE GLIZIGEN® SOLUCIÓN ORAL 1/DÍA Y GEL VAGINAL 1/NOCHE DURANTE 2 MESES EN PACIENTES CON NEOPLASIAS INTRAEPITELIALES CERVICALES DE GRADO 1 (LSIL/CIN-I) CAUSADAS POR VIRUS DEL PAPILOMA HUMANO DE ALTO RIESGO (VPH-AR). PI: CORONADO MARTÍN, PLUVIO JESÚS.

Doctorate Theses

Doctoral candidate: Myriam Gracia Segovia. Thesis Title: Efectividad de la cirugía robótica comparada con la laparoscopia convencional en cirugía ginecológica. Director(s): Pluvio J. Coronado Martín. University: Universidad Complutense de Madrid.

Doctoral candidate: Rosa María Monero Macías. Thesis Title: Human papillomavirus (HPV) biomarkers in cervical cancer. Director(s): Pluvio J. Coronado Martín, Hélène Péré,. University: Universidad Complutense de Madrid.

Doctoral candidate: Virginia González González. Thesis Title: Análisis de nuevas técnicas de colposcopia en el diagnóstico y evolución del SIL/CIN. Comparativa de la Colposcopia con el Sistema DySIS (estudio COLPO-DYSIS). Director(s): Pluvio J. Coronado Martín. University: Universidad Complutense de Madrid.

Doctoral candidate: Agustín Oliva Castro. Thesis Title: Resiliencia en la Menopausia. Director(s): Pluvio J. Coronado Martín. University: Universidad Complutense de Madrid.

ADVANCED TECHNOLOGIES

ADVANCED TECHNOLOGIES
AND MODEL TRANSLATION AREA (TEC)

ADVANCED TECHNOLOGIES AND MODEL TRANSLATION

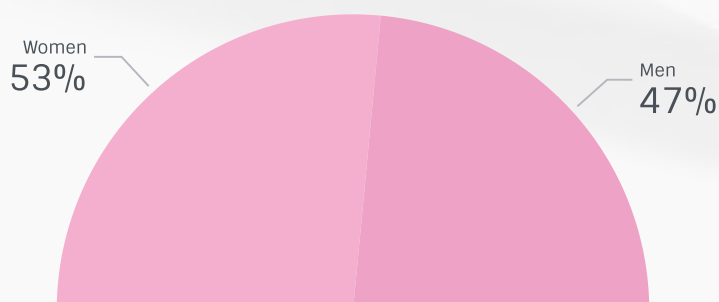
Groups

- TEC.1 Cell-biomaterial Interactions (BIO UCM)
- TEC.2 Organ and tissue on chip group and In-Vitro detection
- TEC.3 Pharmaceutical Innovation in Ophthalmology
- TEC.4 Biomaterials and Regenerative Medicine
- TEC.5 Clinical Neuroscience Laboratory
- TEC.6 Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)
- TEC.7 Innovation: Surgery, Pharmaceuticals and Neuroengineering
- TEC.8 Biomedical Imaging Research
- TEC.9 Nuclear Physics Techniques and Instrumentation in Biomedicine
- TEC.10 Clinical Pharmacology

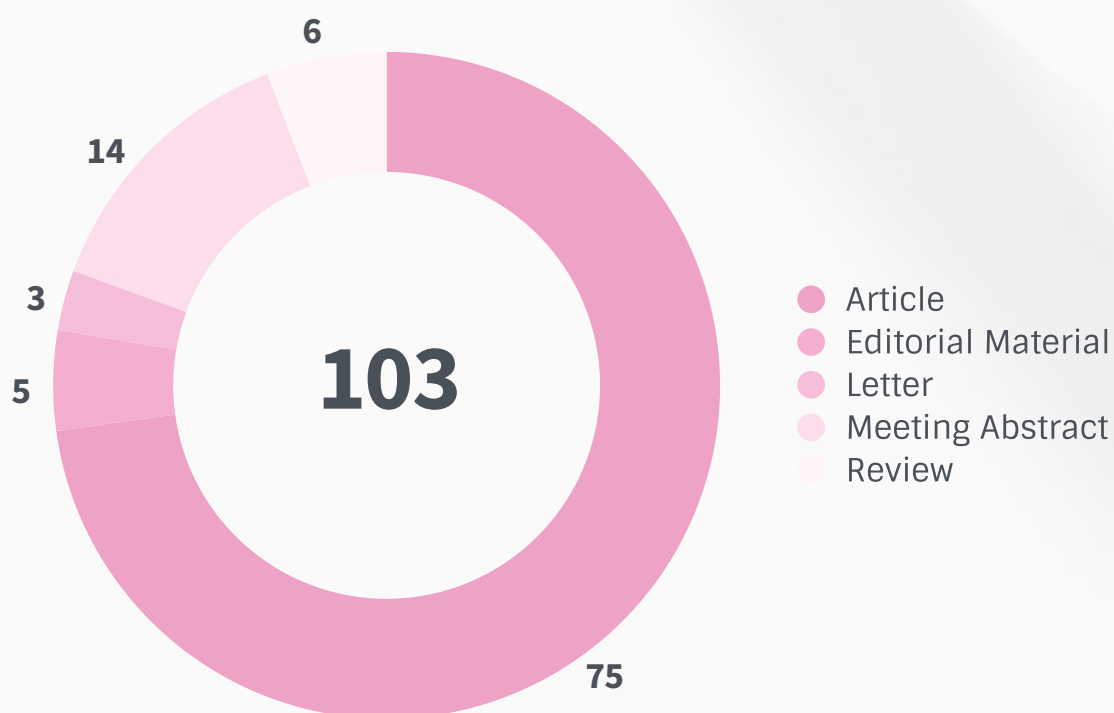
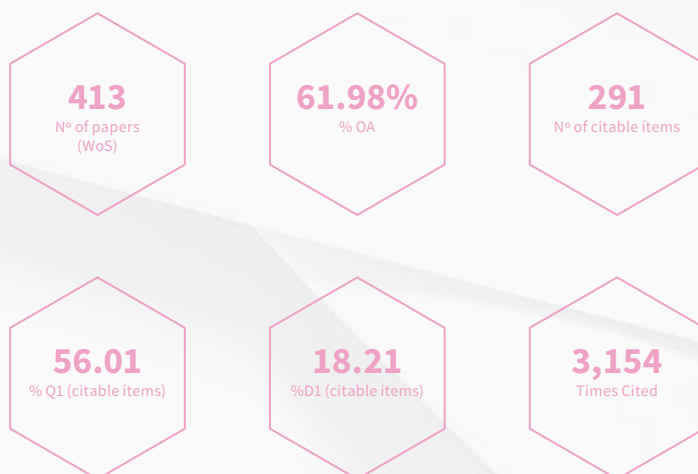
Annual Goals



Accumulated total professionals in the area



Scientific production



Top 5 journals with the highest publication rate

During 2023, the Advanced Technologies and Model Translation area's researchers have published in a total of 78 different journals. The top 5 journals where they publish the most are shown below. It represents the 20.39% of the scientific production of this area. Three of these journals are in the first quartile of the JCR 2023 for their thematic category.

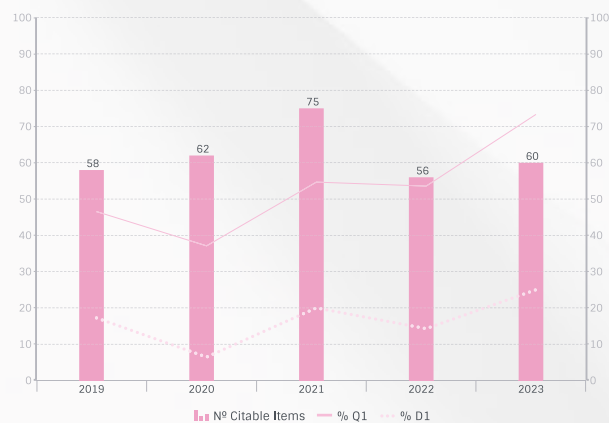
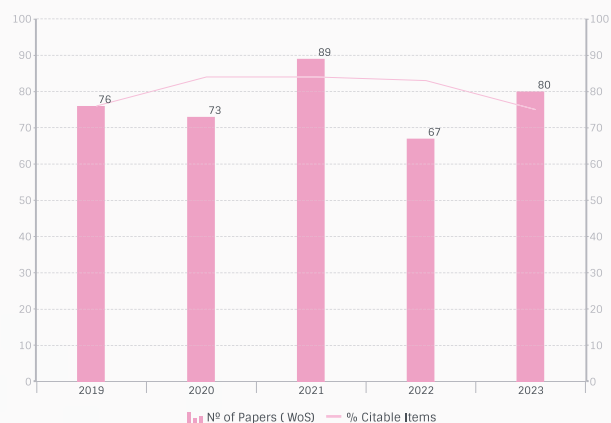
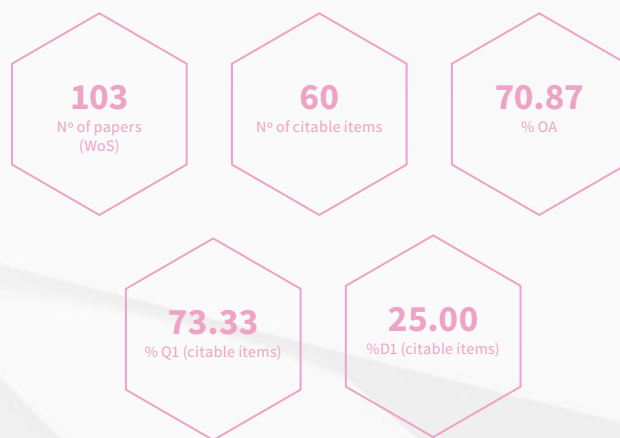
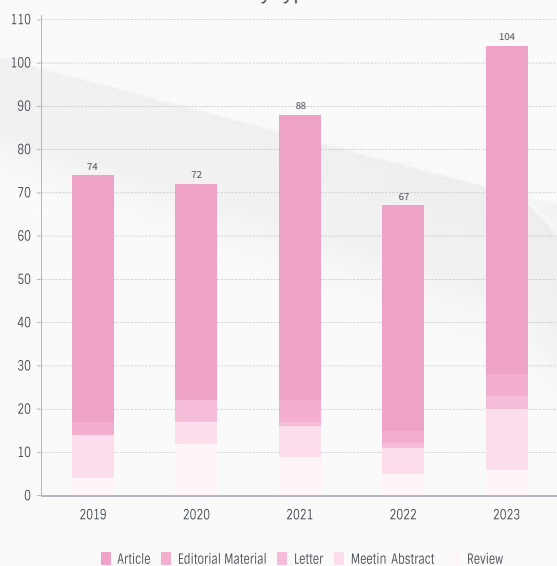
JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
BRITISH JOURNAL OF SURGERY	6	Q1 (6/290)	SURGERY	2.850	3.14	8.0
Cureus	6	Q3 (175/315)	MEDICINE, GENERAL & INTERNAL	0.263	0.27	-
APPLIED SCIENCES-BASEL	3	Q2 114/230	CHEMISTRY, MULTIDISCIPLINARY	0.428	0.56	2.2
Biomimetics	3	Q1 (34/179)	ENGINEERING, MULTIDISCIPLINARY	0.567	0.77	2.9
JOURNAL OF NEUROSURGICAL SURGERY	3	Q1 (2/15)	NEUROIMAGING	1.420	1.77	3.9

Selected 5 publications

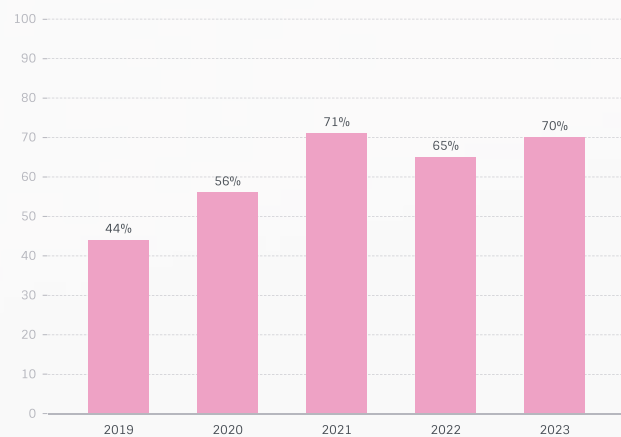
1. Alvarez-Lopez, Aroa , Tabraue-Rubio, Raquel , Hernandez-Escobar, Sandra , Daza, Rafael , Colchero, Luis , Rezvanian, Parsa , Elices, Manuel , GUINEA TORTUERO, GUSTAVO VÍCTOR, Gonzalez-Neto, Daniel , PEREZ RIGUEIRO, JOSÉ. Application of single cell force spectroscopy (SCFS) to the assessment of cell adhesion to-decorated surfaces. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES. 2023. 244 (-). DOI: 10.1016/j.ijbiomac.2023.125369. IF: 8,2. (D1).
2. ORTEGA CRUZ, DIANA, Uceda-Heras, Alicia , Iglesias, Juan Eugenio , Zea-Sevilla, María Ascension , STRANGE, BRYAN ANDREW, Rabano, Alberto . A novel histological staging of hippocampal sclerosis that is evident in gray matter loss in vivo. ALZHEIMERS & DEMENTIA. 2023. 19 (7):3028-3040. DOI: 10.1002/alz.12942. IF: 14. (D1).
3. ORTEGA CRUZ, DIANA, Iglesias, Juan Eugenio , Rabano, Alberto , STRANGE, BRYAN ANDREW. Hippocampal sclerosis of aging at post-mortem is evident on MRI more than a decade prior. ALZHEIMERS & DEMENTIA. 2023. 19 (11):5307-5315. DOI: 10.1002/alz.13352. IF: 14. (D1).
4. MOREU GAMAZO, MANUEL, PEREZ GARCIA, CARLOS NICOLAS, ROSATI, SANTIAGO, Lopez-Frias, Alfonso , EGIDO HERRERO, JOSÉ ANTONIO, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS IGNACIO, SIMAL HERNÁNDEZ, PATRICIA, ARRAZOLA GARCÍA, JUAN LORENZO, Bocquet, Anne-Laure , Barthe, Thomas , Scarica, Raffaele . Mechanical thrombectomy is cost-effective versus medical management alone around Europe in patients with low ASPECTS. JOURNAL OF NEUROSURGICAL SURGERY. 2023. 15 (7):629-633. DOI: 10.1136/jnis-2022-019849. IF: 4,8. (D1).
5. Pratt, Edwin C. , Lopez-Montes, Alejandro , Volpe, Alessia , Crowley, Michael J. , Carter, Lukas M. , Mittal, Vivek , Pillarsetty, Nagavarakishore , Ponomarev, Vladimir , UDIAS MOINELO, JOSE MANUEL, Grimm, Jan , LOPEZ HERRAIZ, JOAQUIN. Simultaneous quantitative imaging of two PET radiotracers via the detection of positron-electron annihilation and prompt gamma emissions. Nature Biomedical Engineering. 2023. 7 (8):1028-. DOI: 10.1038/s41551-023-01060-y. IF: 28,1. (D1).

Scientific production (2019 - 2023)

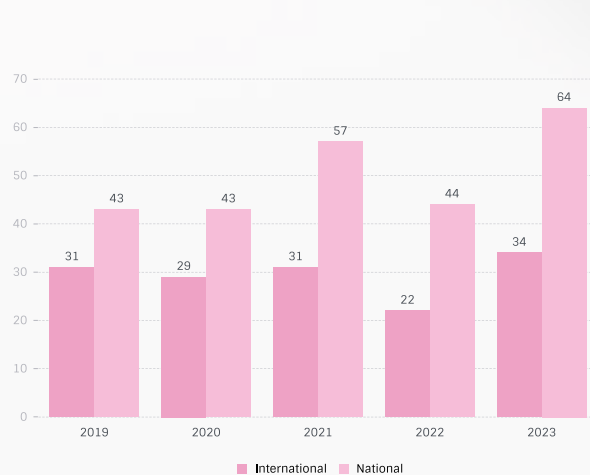
Evolution by type of documents



Percentage open access (citable items wos)



Type of collaboration

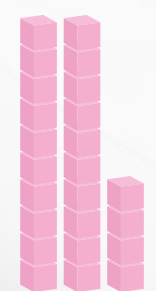


Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)	Autophagy	740	2021	Q1 (13/205)	CELL BIOLOGY	4.340
Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services	BRITISH JOURNAL OF SURGERY	429	2020	Q1(6/290)	SURGERY	2.850
Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes.	AMERICAN JOURNAL OF HUMAN GENETICS	322	2019	Q1(12/191)	GENETICS & HEREDITY	5.294
Lenvatinib Plus Pembrolizumab in Patients With Advanced Endometrial Cancer	JOURNAL OF CLINICAL ONCOLOGY	238	2020	Q1 (6/322)	ONCOLOGY	15.561
Joint international consensus statement for ending stigma of obesity	NATURE MEDICINE	206	2020	Q1 (1/313)	BIOCHEMISTRY & MOLECULAR BIOLOGY	25.942

153

Activity



24
New project
Competitive Funding



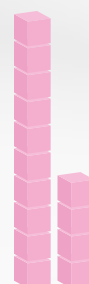
3
New project Non
competitive
funding



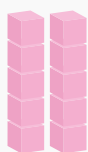
5
Awards



2
Clinical Practical
guidelines



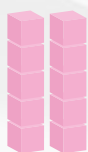
14
Doctorate
Theses



10
Mobility of
Researchers



4
Visiting
Researcher



10
Technology
Transfer

TEC.1

Cell-biomaterial Interactions (BIO UCM)

Leading researcher

María Teresa Portolés Pérez

Members

Alberto Polo Montalvo

Laura Casarrubios Molina

María José Feito Castellano

Mónica Cicuéndez Maroto

Rosalía Díez Orejas



Overview

The “cell-biomaterial interactions” (BIOUCM) research group, led by Professor Maria Teresa Portolés, studies the in vitro interactions of specific cell types (osteoblasts, pre-osteoblasts, osteoclasts, endothelial progenitor cells, fibroblasts, macrophages, lymphocytes, lung, liver and kidney cells) with different biomaterials (bioceramics, polymers, composites, graphene, nanoparticles, extracellular matrix hydrogels) designed for various biomedical applications (tissue engineering, drug delivery, antitumor treatment, neuronal regeneration). The studies are performed with different strategies, according to the biomedical application of each material, and considering the cell types that will come into contact in vivo.

The group has carried out the adsorption of growth factors on silicon-doped hydroxyapatite 3D macroporous scaffolds, evaluating the in vitro response of the cell types involved in bone regeneration and analyzing this process in vivo after implantation of these biomaterials in an osteoporotic ovine model. In vitro and in vivo studies are also being carried out with bioactive mesoporous nanoparticles that stimulate the formation of bone tissue and act as drug delivery systems for the prevention and treatment of osteoporotic fractures. Moreover, the group is currently participating in the European H2020-funded NeuroStimSpinal Project (FET Open) that addresses strategies for spinal cord repair after injury. With this objective, the group analyzes specific cellular responses to 3D scaffolds composed of graphene-derived materials in combination with human and porcine adipose tissue extracellular matrix. These studies include cytotoxicity assays and the evaluation of the immune response to these scaffolds and all their components, which will determine their acceptance or rejection after implantation in vivo.

Scientific production

7

Nº of papers (WoS)

86%⁽⁶⁾

% Open Access (Nº)

7

Nº of papers JCR indexed

86%⁽⁶⁾

% Citable Items (Nº)

100%⁽⁶⁾

Q1 (citable items)

44.00

Cumulative IF

7.33

Average IF

Selected Publications

CASARRUBIOS MOLINA, LAURA, CICUÉNDEZ MAROTO, MÓNICA, Vallet-Regi, Maria, PORTOLÉS PÉREZ, MARÍA TERESA, Arcos, Daniel, FEITO CASTELLANO, MARIA JOSE. Osteoimmune Properties of Mesoporous Bioactive Nanospheres: A Study on T Helper Lymphocytes. *NANOMATERIALS*. 2023. 13 (15). DOI: 10.3390/nano13152183. IF: 5,3. (Q1).

POLO MONTALVO, ALBERTO, CICUÉNDEZ MAROTO, MÓNICA, CASARRUBIOS MOLINA, LAURA, Barroca, Nathalie, da Silva, Daniela, FEITO CASTELLANO, MARIA JOSE, DIEZ OREJAS, ROSALÍA, Serrano, Maria Concepcion, Marques, Paula A. A. P., PORTOLÉS PÉREZ, MARÍA TERESA. Effects of graphene oxide and reduced graphene oxide nanomaterials on porcine endothelial progenitor cells. *Nanoscale*. 2023. 15 (42):17173-17183. DOI: 10.1039/d3nr03145d. IF: 6,7. (Q1).

Benayas, Esther, ESPINOSA MERINO, ANGEL, PORTOLÉS PÉREZ, MARÍA TERESA, Vila-del Sol, Virginia, Morales, M. Puerto, Serrano, Maria C. Cellular and Molecular Processes Are Differently Influenced in Primary Neural Cells by Slight Changes in the Physicochemical Properties of Multicore Magnetic Nanoparticles. *ACS APPLIED MATERIALS & INTERFACES*. 2023. 15 (14):17726-17741. DOI: 10.1021/acsmi.3c02729. IF: 9,5. (Q1).

Awards

Researcher aware: Laura Casarrubios Molina. Award: Premio Margarita Salas de Investigación 2023, Accésit en Ciencias de la Vida. Winning work: TESIS DOCTORAL: Respuesta celular a biomateriales diseñados para tratamiento de hueso osteoporótico.

Doctorate Theses

Doctoral candidate: Laura Casarrubios Molina. Thesis title: "Respuesta celular a biomateriales diseñados para tratamiento de hueso osteoporótico". Director(s): María Teresa Portolés Pérez. University: Universidad Complutense de Madrid.

Research Mobility

Research mobility: María Teresa Portolés Pérez. Country: Holanda. Center: Radboud University Medical Center, Nimega. Date of departure: 16/01/2023. Return date: 18/01/2023.

Research mobility: Rosalía Díez Orejas. Country: Holanda. Center: Radboud University Medical Center, Nimega. Date of departure: 16/01/2023. Return date: 18/01/2023.

Research mobility: María Teresa Portolés Pérez. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 28/09/2023. Return date: 30/09/2023.

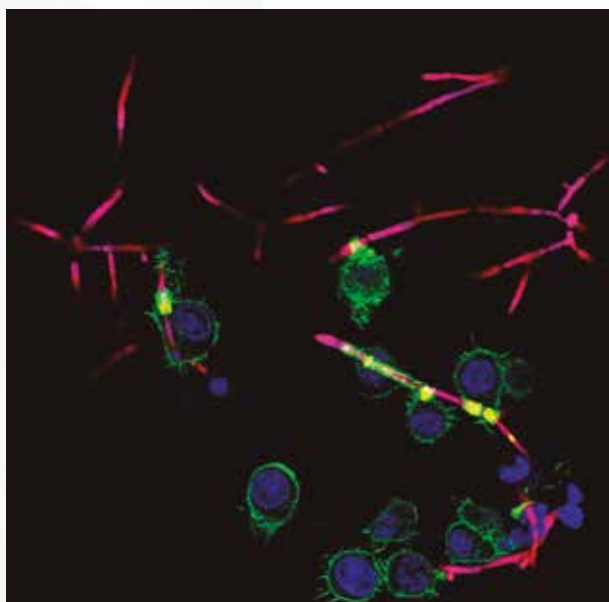
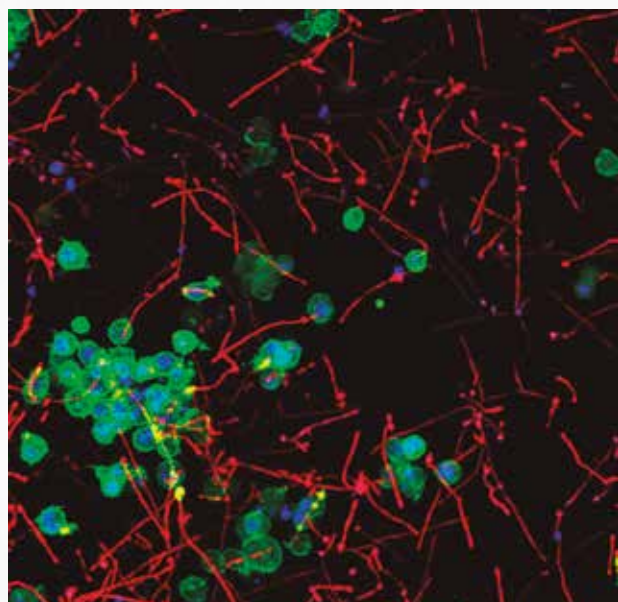
Research mobility: Rosalía Díez Orejas. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 28/09/2023. Return date: 30/09/2023.

Research mobility: María José Feito Castellano. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 28/09/2023. Return date: 30/09/2023.

Research mobility: Mónica Cicuéndez Maroto. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 28/09/2023. Return date: 30/09/2023.

Research mobility: Laura Casarrubios Molina. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 28/09/2023. Return date: 30/09/2023.

Research mobility: María Teresa Portolés Pérez. Country: Portugal. Center: Universidad de Aveiro, Aveiro. Date of departure: 29/01/2023. Return date: 30/01/2023.



Coencapsulation of macrophages and *Candida albicans* in decellularised porcine adipose matrix hydrogels as a 3D infection model to study macrophage immunocompetence

TEC.2

Organ and tissue on chip group and In-Vitro detection

Leading researcher

Miguel Holgado Bolaños

Members

Álvaro Lavín Hueros

Ana López Hernández

Ana María Martín Murillo

Beatriz Santamaría Fernández

Jaime Tome Amat

Luca Tramarín

María Fé Lagurna Heras

María Garrido Arandía

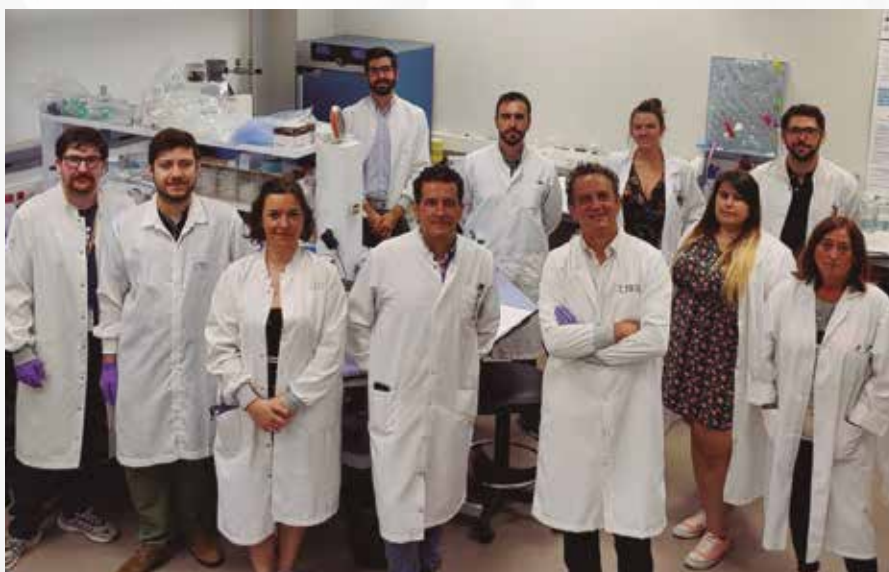
Pedro Herreros Pérez

Rafael Casquel Del Campo

Rocío López Espinosa

Sergio Andrés Quintero Moreno

Yolanda Ramírez Alonso



Overview

The Optics, Photonics and Biohotonics Group (GOFB) is specialized in Research, Technological Development and Innovation of advanced chemical, biochemical and in-vitro diagnostic systems, as well as in the implementation of photonic transducers and bio transducers on a chip, biokits, readout platforms, bioreactors, tissue-on-a-chip and orgaNon-chips.

The main objective is the development of Tissue on-a-chip platforms with integrated In-Vitro diagnostic systems for Therapy evaluation and personalized medicine. Moreover, the continuous development of advanced In-Vitro diagnostic systems for multiple applications.

Scientific production

8

Nº of papers (WoS)

75%(6)

% Open Access (Nº)

4

Nº of papers JCR indexed

100% (4)

% Citable Items (Nº)

25%(1)

Q1 (citable items)

15.90

Cumulative IF

3.97

Average IF

Selected Publications

MARTIN MURILLO, ANA MARÍA, Laguna, Maria Fe, GONZÁLEZ VALLE, LUÍS, TRAMARIN, LUCA, Ramírez, Yolanda, Lavin, Alvaro, Santamaria, Beatriz, HOLGADO BOLAÑOS, MIGUEL. A New Optical Interferometric Biosensing System Enhanced with Nanoparticles for Alzheimer's Disease in Serum. BIOSENSORS-BASEL. 2023. 13 (7). DOI: 10.3390/bios13070707. IF: 5,4. (Q1).

MARTIN MURILLO, ANA MARÍA, HOLGADO BOLAÑOS, MIGUEL, Laguna, M. Reports on the sensitivity enhancement in interferometric based biosensors by biotin-streptavidin system. Heliyon. 2023. 9 (12). DOI: 10.1016/j.heliyon.2023.e23123. IF: 4. (Q2).

GONZÁLEZ VALLE, LUÍS, Santamaria, B., LAVÍN HUEROS, ÁLVARO, Laguna, M. F., Rodríguez-Lorenzo, L., Espina, B., HOLGADO BOLAÑOS, MIGUEL. Developing an improved optical biosensing system based on gold nanoparticles acting as interferometric enhancers in Lactoferrin detection. Analyst. 2023. 148 (21):5445-5455. DOI: 10.1039/d3an01328f. IF: 4,2. (Q2).

Awards

Researcher aware: Rocio Lopez Espinosa. Award: Premio Francisco del Pozo a la Mejor tesis doctoral del año 2022. Winning work: Tesis doctoral con Título: Development of an in-vitro diagnostic system for food allergies.

Doctorate Theses

Doctoral candidate: Luca Tramarin. Thesis Title: Photonic transducers based on industrially scalable resonant micro nano structures. Director(s): Miguel Holgado Bolaños, Rafael Casquel del Campo. University: Universidad Politécnica de Madrid.

Doctoral candidate: Pedro Herreros Pérez. Thesis Title: Microfluidic chips as bioreactors for neuron, brain, and skin organ-on-a-chip models. Director(s): Miguel Holgado Bolaños, María Fe laguna Heras. University: Universidad Politécnica de Madrid.

New Competitive Funding

M230060146. CONVOCATORIA DE AYUDAS PARA LA REALIZACIÓN DE DOCTORADOS INDUSTRIALES EN LA COMUNIDAD DE MADRID. PI: MIGUEL HOLGADO.

EDF-2022-FPA-MCBRN-MCM. Framework Partnership Agreement RESILIENCE European Defence Fund (EDF). PI: MIGUEL HOLGADO.

Technology Transfer

Patent. MÉTODO ÓPTICO DE DETECCIÓN DE UNA MOLÉCULA OBJETIVO MEDIANTE AMPLIFICACIÓN EN LA RESPUESTA DE INTERFERENCIA POR ÍNDICE DE REFRACCIÓN Y DISPERSIÓN. Inventors: HOLGADO BOLAÑOS, Miguel; DIAZ PERALES, Araceli; GARRIDO ARANDIA, María; LÓPEZ ESPINOSA, Rocío; ROMERO SAHAGÚN, Alejandro; LAGUNAS HERAS, María Fe; FERNÁNDEZ PACIOS, Luis; SANTAMARÍA FERNÁNDEZ, Beatriz; RAMÍREZ ALONSO, Yolanda y SANZA GUTIÉRREZ, Francisco Javier. Date of application: 02.12.2019. Date of granting: 19.10.2020.

Patent. INTERFEROMETRIC DETECTION METHOD. Inventors: HOLGADO BOLAÑOS, Miguel; SANZA GUTIÉRREZ, Francisco Javier; LAGUNA HERAS, María Fe LAVIN HUEROS, Álvaro CASQUEL DEL CAMPO, Rafael. Date of application: 03.08.2012. Date of granting: 05.02.2014.

Patent. SISTEMA DE DETECCIÓN ÓPTICA PARA BIO-ENSAYOS DE ALTA SENSIBILIDAD SIN MARCADO. Inventors: HOLGADO BOLAÑOS, Miguel; OCAÑA MORENO, José Luís; LAGUNA HERAS, María Fe MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael MORALES FURIÓ, Miguel. Date of application: 05.09.2008. Date of granting: 16.11.2011.

Patent. PROCEDIMIENTO DE MARCAJE, ENCRIPCIÓN, ETIQUETADO Y CODIFICACIÓN ÓPTICA. Inventors: BARRANCO QUERO, Ángel RODRIGUEZ GONZALEZ-ELIPE, Agustín SÁNCHEZ VALENCIA, Juan Ramón APARECIO REBOLLO, Francisco Javier BLASZCZYK-LEZAK, Iwona Krystina HOLGADO BOLAÑOS, Miguel; OCAÑA MORENO, José Luís; MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael GARCÍA BALLESTEROS-RAMIREZ, Juan José MORALES FURIÓ, Miguel. Date of application: 25.11.2020. Date of granting: 05.01.2023.

Patent. EXTENSIÓN DE PATENTE: MÉTODO ÓPTICO DE DETECCIÓN DE UNA MOLÉCULA OBJETIVO MEDIANTE AMPLIFICACIÓN EN LA RESPUESTA DE INTERFERENCIA POR ÍNDICE DE REFRACCIÓN Y DISPERSIÓN. SANZA GUTIÉRREZ Francisco Javier; RAMÍREZ ALONSO, YOLANDA; SANTAMARIA FERNANDEZ, BEATRIZ ; FERNANDEZ PACIOS, LUIS; LAGUNA HERAS, MARIA FE; ROMERO SAHAGUN, ALEJANDRO; LOPEZ ESPINOSA, ROCIO ; GARRIDO ARANDIA, MARIA; Diaz Perales, Araceli ; HOLGADO BOLAÑOS, MIGUEL. Date of granting: 27/12/2022.

TEC.3

Pharmaceutical Innovation in Ophthalmology

Leading researcher

Rocío Herrero Vanrell

Members

Alba Aragón Navas

Beatriz De Las Heras Polo

David García Herranz

Irene Bravo Osuna

Irene Cuadrado Berrocal

Irene Teresa Molina Martínez

Jose Javier López Cano

Mª Pilar Pastoriza Abal

Marco Brugnara

Marta Vicario De La Torre

Miriam Ana González-Cela Casamayor



Overview

Since 1994, the research group "Pharmaceutical Innovation in Ophthalmology" is dedicated to the development of novel drug delivery systems for topical and intraocular administration such as liposomes for dry eye treatment (PI07/0012; PI10/00645PI13/00704; PI13/00516; PI11/01027; PI14/00193, PI17/00079), microspheres for intra-ocular administration (U.S. Patent#5,718,922), novel materials for intraocular drug delivery. (Project: MCyT- MAT2000-1764-C02-C01) and PLGA nano- and microparticles (MAT 2007-65288). Furthermore, the team is also investigating the role of neuroprotective actives encapsulated in PLGA microspheres for the treatment of posterior segment diseases involving neurodegeneration of retinal structures (glaucoma, age macular degeneration, diabetic retinopathy and retinitis pigmentosa, among others) (BIOAVAN PSS-300-100-2008, MAT 2010-18242 and MAT 2013-43127R, MAT2017-83858-C2-1-R and PID2020-11328 1RB-C21). The research group has also participated in the FP7 program in the project Peptide-based Nanoparticles as Ocular Drug Delivery Vehicles (PANOPTES, ref. 246180, program FP7-NMP) and MSCA-ITN (Marie Slowdoska-Curie Innovation Training Network) ORBITAL EU813440 and MSCA-RISE-2016 3D NEONET European Projects.

The team has also participated in the Ophthalmic Network (Oftared) RETICS RD16/008/009. OFTARED, with active translational collaborations with other groups in the design of novel ophthalmic formulations and experience in the Transference of Technology (licensed patent of a novel artificial tear based on liposomes and bioadhesive polymers for the treatment of dry eye). They are authors of patents dedicated to microemulsions for ophthalmic administration EP4201401A1, Liposomes for Dry Eye treatment US9539202B2 and animal models of glaucoma WO2021136697A1.

Scientific production

5

Nº of papers (WoS)

40%(2)

% Open Access (Nº)

5

Nº of papers JCR indexed

60%(3)

% Citable Items (Nº)

67%(2)

Q1 (citable items)

33%(1)

D1 (citable items)

18.00

Cumulative IF

6.00

Average IF

Selected Publications

GONZALEZ-CELA CASAMAYOR, MIRIAM ANA, Lopez Cano, Jose Javier, Andres Guerrero, Vanessa, HERRERO VANRELL, ROCÍO, BALIBREA DEL CASTILLO, JOSÉ MARÍA, Molina Martinez, Irene Teresa. A novel osmoprotective liposomal formulation from synthetic phospholipids to reduce in vitro hyperosmolar stress in dry eye treatments. JOURNAL OF LIPOSOME RESEARCH. 2023. 33 (2):117-128. DOI: 10.1080/08982104.2022.2087083. IF: 4,4. (Q2).

Lopez-Canoa, J. J., GONZALEZ-CELA CASAMAYOR, MIRIAM ANA, ANDRÉS GUERRERO, VANESSA, VICARIO DE LA TORRE, MARTA, BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL, HERRERO VANRELL, ROCÍO, MOLINA MARTÍNEZ, IRENE TERESA. New trends towards glaucoma treatment: Topical osmoprotective microemulsions loaded with latanoprost. OCULAR SURFACE. 2023. 29:314-330. DOI: 10.1016/j.jtos.2023.05.013. IF: 6,4. (D1).

HERRERO VANRELL, ROCÍO, Presa, I. Jauregui, Bilbao, A. Leceta, Montero-Iruzubietta, J. Fundamental Aspects and Relevance of Components in Antihistamine Eye Drops. JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 2023. 33 (6):431-438. DOI: 10.18176/jiaci.0963. IF: 7,2. (Q1).

Awards

Researcher aware: Marco Brugnara. Award: SPLC-CRS Oral Communication Prize. Winning work: Latanoprost-Loaded Liposomes with Sodium Hyaluronate, Betaine and Leucine as Well-tolerated and Effective Topical Antiglaucoma Option.

Doctorate Theses

Doctoral candidate: ALBA ARAGÓN NAVAS. Thesis Title: Sistemas de liberación controlada multicargados para crear modelos animales y plataformas neuroprotectoras. Director(s): IRENE BRAVO OSUNA, ROCÍO HERRERO VANRELL, VANESSA ANDRÉS GUERRERO. University: Universidad Complutense de Madrid.

Doctoral candidate: MIRAM GONZÁLEZ-CELA. Thesis Title: Nano y Microtecnología aplicada al diseño de nuevas formulaciones para el tratamiento del glaucoma. Director(s): ROCÍO HERRERO VANRELL, IRENE TERESA MOLINA MARTINEZ, MARTA VICARIO DE LA TORRE. University: Universidad Complutense de Madrid.

Technology Transfer

Spanish Patent. 202131205. Microemulsión oftálmica, procedimiento de obtención y uso dado a la misma. López Cano; Cela Casamayor; Benítez del Castillo; Herrero Vanrell; Molina Martínez. Date of application: 23/12/2021.

PCT/EP2020/087153. A Non-human animal mammalian model of chronic glaucoma. Herrero Vanrell; García Martín; Rodrigo SanJuan; García Herranz; Aragón Navas; Bravo Osuna; García Feijoo; Pablo Júlvez. Date of application: 30/12/2019

Visiting

Research mobility: ALBA ARAGÓN NAVAS. Country: ESTADOS UNIDOS. Center: HARVARD MEDICAL SCHOOL. Date of departure: 02/02/202023. Return date: 02/04/2023.

Research mobility: MIRIAM GONZÁLEZ-CASAMAYOR. Country: ESTADOS UNIDOS. Center: HARVARD MEDICAL SCHOOL. Date of departure: 08/03/2023. Return date: 08/05/2023.

TEC.4

Biomaterials and Regenerative Medicine

Leading researcher

Gustavo Víctor Guinea Tortuero

Members

Ana María Quintana Prego

Blanca De Los Reyes González Bermúdez

Francisco José Rojo Pérez

Gustavo Ramón Plaza Baonza

José Miguel Atienza Riera

José Pérez Rigueiro

Pablo Sarabia Ortiz

Rafael Daza García



Overview

The main objective of our laboratory is to investigate to develop new biomaterials for applications in regenerative medicine, mainly based on silk fibroin in different formats and on the biofunctionalization of conventional biomaterials. Related to this objective, our research also aims to contribute to the understanding of basic issues in the field of biomechanics. We work in four main areas of research in biomaterials, tissue engineering and biomechanics:

- (1) Development of new silk-based bio-inspired biomaterials.
- (2) Characterization and modeling of natural collagen-based materials (pericardium, tendons, blood vessels) and development of collagen-based prostheses.
- (3) Application of cell mechanics as a diagnostic tool and
- (4) Functionalization of biomaterials to improve their biocompatibility.

Scientific production

9

Nº of papers (WoS)

100%⁽⁹⁾

% Open Access (Nº)

9

Nº of papers JCR indexed

100%⁽⁹⁾

% Citable Items (Nº)

67%⁽⁶⁾

Q1 (citable items)

11%⁽¹⁾

D1 (citable items)

42.04

Cumulative IF

4.67

Average IF

Selected Publications

Alvarez-Lopez, Aroa, Tabraue-Rubio, Raquel, Hernandez-Escobar, Sandra, Daza, Rafael, Colchero, Luis, Rezvanian, Parsa, Elices, Manuel, GUINEA TORTUERO, GUSTAVO VÍCTOR, Gonzalez-Neto, Daniel, PEREZ RIGUEIRO, JOSÉ. Application of single cell force spectroscopy (SCFS) to the assessment of cell adhesion to-decorated surfaces. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES. 2023. 244. DOI: 10.1016/j.ijbiomac.2023.125369. IF: 8,2. (D1).

Castro-Dominguez, Cristina, Lozano-Picazo, Paloma, Alvarez-Lopez, Aroa, Garrote-Junco, Javier, PANETSOS PETROVA, FIVOS, GUINEA TORTUERO, GUSTAVO VÍCTOR, Elices, Manuel, ROJO PÉREZ, FRANCISCO JAVIER, Gonzalez-Nieto, Daniel, Colchero, Luis, GARCÍA-RAMOS GARCÍA, ROCÍO, PEREZ RIGUEIRO, JOSÉ. Axonal Guidance Using Biofunctionalized Straining Flow Spinning Regenerated Silk Fibroin Fibers as Scaffold. Biomimetics. 2023. 8 (1). DOI: 10.3390/biomimetics8010065. IF: 4,5. (Q1).

Jiang, Ping, Wu, Lihua, Hu, Menglei, Tang, Sisi, Qiu, Zhimin, Lv, Taiyong, Elices, Manuel, GUINEA TORTUERO, GUSTAVO VÍCTOR, PEREZ RIGUEIRO, JOSÉ. Variation in the Elastic Modulus and Increased Energy Dissipation Induced by Cyclic Straining of *Argiope bruennichi* Major Ampullate Gland Silk. Biomimetics. 2023. 8 (2). DOI: 10.3390/biomimetics8020164. IF: 4,5. (Q1).

Awards

Researcher aware: Premio Extraordinario de Tesis Doctoral UPM, Curso académico 2021-2022. Award: Deformability of T cells as a mechanical biomarker of immunosenescence and development of techniques for the clinical application.

New Competitive Funding

101099719. THOR - building vascular networks and Blood-Brain-Barriers through a Biomimetic manufacturing Technology for the fabrication of Human tissues and Organs. PI: PÉREZ RIGUEIRO, JOSÉ. Funding organisation: COMISIÓN EUROPEA.

P2022/BMD-7236. Madrid Innovative Neurotech Alliance (MINA-CM). PI: GUINEA TORTUERO, GUSTAVO VÍCTOR. Funding organisation: COMUNIDAD DE MADRID.

IND2023/BMD-28865. Modulación de la inflamación a través de la estimulación del nervio vago, combinada con la inyección intracerebral de células madre mesenquimales encapsuladas en fibroína de seda, para terapia de ictus isquémico. PI: GUINEA TORTUERO, GUSTAVO VÍCTOR. Funding organisation: COMUNIDAD DE MADRID.

101130454. ISOS - Implantable Ecosystems of Genetically Modified Bacteria for the Personalized Treatment of Patients with Chronic Diseases. PI: GUINEA TORTUERO, GUSTAVO VÍCTOR. Funding organisation: COMISIÓN EUROPEA.

MUTUA-2023. Augmentación biológica de la reparación quirúrgica de las roturas crónicas del manguito rotador mediante fibroína de seda con doble funcionalización. PI: ROJO PÉREZ, FRANCISCO JAVIER. Funding organisation: Fundación Mutua Madrileña.

101131612. Novel Biophysical Tools to Measure Multiple Parameters In The Same Cell (SameMultiPhys). PI: PLAZA BAONZA, GUSTAVO RAMÓN. Funding organisation: COMISIÓN EUROPEA.

Doctorate Theses

Doctoral candidate: Rocío Fernández Serra. Thesis Title: Desarrollo de un vehículo de liberación farmacológica basado en fibroína de la seda para el tratamiento del ictus isquémico. Director(s): Gustavo Víctor Guinea Tortuero, Daniel González Nieto. University: Universidad Politécnica de Madrid.

Doctoral candidate: Paloma Lozano Picazo. Thesis Title: Design of a shape-adaptable silk fibroin biohybrid to overcome drug delivery barriers in the treatment of cerebral injuries. Director(s): Francisco Javier Rojo Pérez, Daniel González Nieto. University: Universidad Politécnica de Madrid.

Doctoral candidate: Aldo Abarca Ortega. Thesis Title: Desarrollo y aplicación de técnicas de caracterización mecánica celular basadas en deformación por contacto en dispositivos de microfluídica. Director(s): Gustavo Ramón Plaza Baonza. University: Universidad Politécnica de Madrid.

Technology Transfer

Patent: Dispositivo y método para realizar ensayos mecánicos sobre muestras micrométricas. Inventors: G. Plaza, G. Guinea, J. Pérez-Rigueiro, B. González, F. Rojo, R. Daza. Date of application: 27/12/2022. Date of granting: 18/09/2023.

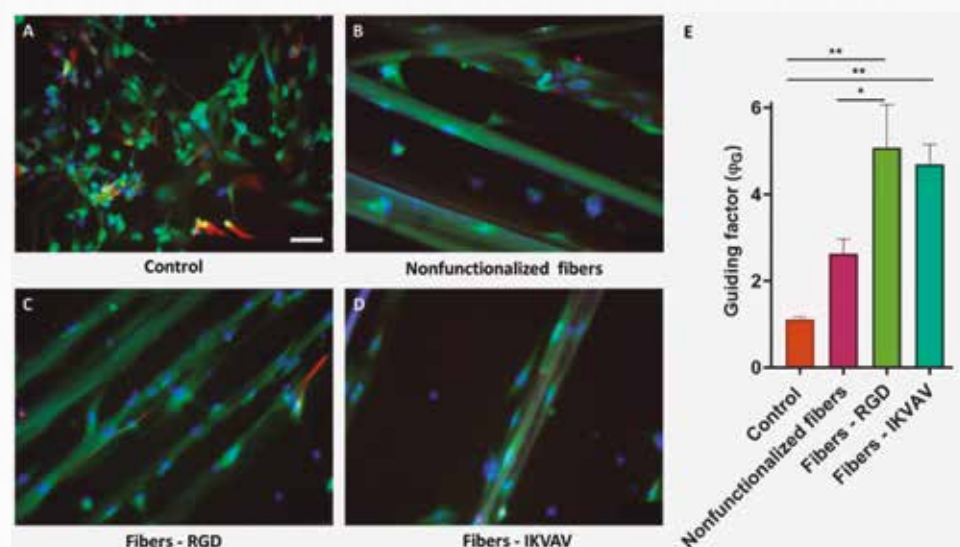
Mobility

Research mobility: Daniel Corregidor Ortiz. Country: Francia. Center: Aix-Marseille Université. Date of departure: 01/09/2023. Return date: 30/11/2023.

Research mobility: Blanca González Bermúdez. Country: Francia. Center: Laboratory for Analysis and Architecture of Systems, Centre National de la Recherche Scientifique (CNRS). Date of departure: 09/01/202. Return date: 13/01/2023.

Visiting

Visiting researcher: AmNon Buxboim. Country of origin: Israel. Center: The Hebrew University of Jerusalem. Project: Novel Biophysical Tools to Measure Multiple Parameters In The Same Cell (SameMultiPhys).



TEC.5

Clinical Neuroscience Laboratory

Leading researcher

Bryan Andrew Strange

Members

Alba Peris-Yague

Darya Rivka Frank

Diana Ortega Cruz

Dustin Fetterhoff

Manuela Costa

Marcos Raphael Benítez Aldás

Marta Casales Santa

Marta Garo Pascual

Robin Hellerstedt

Svenja Treu



Overview

The laboratory explores the brain basis of cognitive function in healthy individuals and in patients with neurological diseases, especially memory disorders. The laboratory is affiliated with several clinical institutions in Madrid, providing an interdisciplinary platform for clinical and cognitive neuroscience.

The laboratory employs a multimodal approach to the study of human memory, and currently conducts studies using:

- Magnetic Resonance Imaging (MRI).
- Magnetic resonance imaging (MRI) -Magnetoencephalography (MEG)
- Intracranial recordings in humans
- Psychopharmacology
- Transcranial Magnetic Stimulation (TMS)
- Cognitive effects of deep brain stimulation (DBS).

OBJECTIVES:

- To elucidate the electrophysiological mechanisms underlying human amygdala-hippocampal-cortical coupling, which derives to better recall of salient stimuli.
- To extend the role of the human hippocampus in detecting unpredictable stimuli, in order to define its function in orchestrating cortical dynamics in unpredictable environments.
- To discover the neural dynamics of the response of the human mesolimbic dopaminergic dopamine system to salient stimuli, and to understand how these relate to memory.

Scientific production

3

Nº of papers
(WoS)

100% (3)

% Open
Access (Nº)

2

Nº of papers
JCR indexed

100% (2)

% Citable
Items (Nº)

100% (2)

Q1 (citable items)

100% (2)

D1 (citable items)

28.00

Cumulative IF

14.00

Average IF

Selected Publications

ORTEGA CRUZ, DIANA, Uceda-Heras, Alicia, Iglesias, Juan Eugenio, Zea-Sevilla, Maria Ascension, STRANGE, BRYAN ANDREW, Rabano, Alberto. A novel histological staging of hippocampal sclerosis that is evident in gray matter loss in vivo. ALZHEIMERS & DEMENTIA. 2023. 19 (7):3028-3040. DOI: 10.1002/alz.12942. IF: 14. (D1).

ORTEGA CRUZ, DIANA, Iglesias, Juan Eugenio, Rabano, Alberto, STRANGE, BRYAN ANDREW. Hippocampal sclerosis of aging at post-mortem is evident on MRI more than a decade prior. ALZHEIMERS & DEMENTIA. 2023. 19 (11):5307-5315. DOI: 10.1002/alz.13352. IF: 14. (D1).

GARO PASCUAL, MARTA, Gaser, Christian, Zhang, Linda, Tohka, Jussi, Medina, Miguel, STRANGE, BRYAN ANDREW. Brain structure and phenotypic profile of superagers compared with age-matched older adults: a longitudinal analysis from the Vallecas Project. Lancet Healthy Longevity. 2023. 4 (8):374-385. DOI: 10.1016/S2666-7568(23)00079-X.

TEC.6

Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

Leading researcher

Juan Antonio Barcia Albacar

Members

Adela Fraile Pereda

Albert Trondin

Alberto Del Cerro León

Fernando José Rascón Ramírez

Idoya Barca Fernández

Irene Jiménez Coca

María Rebeca Lliguin León

María Victoria Acedo Díaz-Pache

Martín Carrasco Gomez

Mª De Las Mercedes González Hidalgo

Oleza López Cantó

Pedro Alonso Lera



Overview

This research group aims to promote the reorganization and repair of damaged brain through neuro-surgical procedures.

For this purpose, brain stimulation through classical functional neurosurgery is used to restore the lost equilibrium upon pathological processes. To this end, physiological experiments will be used for the identification of new stimulation targets, and functional imaging techniques (fMRI, DTI, MEG, Deeg, dECOG), for the optimization of stimulation targets in Parkinson's disease and other movement disorders, such as epilepsy, pain, and psychiatric disorders like obsessive-compulsive disorder, depression, schizophrenia, aggressiveness, impulsivity, memory disorders and dementia.

Secondly, paired brain stimulation will be used as a method to induce plastic changes in the brain, allowing the extended resection of brain tumors and the treatment of brain injuries accompanied by brain injury (such as stroke), cortical degeneration (dementias) or injuries associated with defects in brain development, such as schizophrenia or personality disorders.

Thirdly, adult cells of autologous or heterologous origin will be used to promote neural regeneration after brain damage, either by the use of stem cells from fat, from involving olfactory glial cells or from stem cells differentiated into neural precursors.

Finally, biomaterials for the induction of axonal regeneration and cortical reconstruction with interest in neurodegenerative (Parkinson, ALS), vascular (stroke) or traumatic diseases will be used.

Scientific production

6

Nº of papers
(WoS)

17%(1)

% Open
Access (Nº)

6

Nº of papers
JCR indexed

67%(4)

% Citable
Items (Nº)

25%(1)

Q1 (citable items)

13.00

Cumulative IF

3.25

Average IF

Selected Publications

PEREZ GARCIA, CARLOS NICOLAS, Lopez-Frias, Alfonso, ARRAZOLA GARCÍA, JUAN LORENZO, GIL MARTÍNEZ, LIDIA, GARCÍA-RAMOS GARCÍA, ROCÍO, Fernandez Revuelta, Ana, ALONSO FRECH, FERNANDO, LOPEZ VALDES, EVA, TRONDIN, ALBERT, YUS FUERTES, MIGUEL. Four-tract probabilistic tractography technique for target selection in essential tremor treatment with magnetic resonance-guided focused ultrasound. EUROPEAN RADIOLOGY. 2023. DOI: 10.1007/s00330-023-10431-7. IF: 5,9. (Q1).

Suner, Halil Ibrahim, Castano, Juan Pablo, VARGAS JIMENEZ, ANDRES CAMILO, Wagner, Ralf, Mazzei, Anwar Saab, Velazquez, Willian, JORQUERA MOYA, MANUELA, Sallabanda, Kita, BARCIA ALBACAR, JUAN ANTONIO, Carrascosa-Granada, Angela. Comparison of the Tubular Approach and Uniportal Interlaminar Full-Endoscopic Approach in the Treatment of Lumbar Spinal Stenosis: Our 3-Year Results. WORLD NEUROSURGERY. 2023. 173:148-155. DOI: 10.1016/j.wneu.2023.02.022. IF: 2. (Q3).

Arevalo-Saenz, Alejandra, RASCON RAMIREZ, FERNANDO JOSE, Sanchez, Manuel Pedrosa. Cavernous hemangioma of the peripheral nerve: A case report. Neurocirugía. 2023. 34 (4):213-216. DOI: 10.1016/j.neucir.2022.06.003. IF: 0,8. (Q4).

New Competitive Funding

IBF.SERMEF.23. Neurorrehabilitación dirigida con apoyo de entornos virtuales en pacientes con espasticidad tratados con toxina. PI: BARCA FERNÁNDEZ, IDOYA. Funding organisation: SOCIEDAD ESPAÑOLA DE REHABILITACIÓN Y MEDICINA.

Technology Transfer

BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. European Patent Application no. EP15869394.5 (entry into the European phase based on International Application PCT/ES2015/070909). Application date: 24/06/17. Withdrawal date: 17/8/20. Ownership: 37,5% FIBHCSC/62,5% UPV.

TEC.7

Innovation: Surgery, Pharmaceuticals and Neuroengineering

Leading researcher

Julio Ángel Mayol Martínez

Members

Abel Sánchez Jiménez

Andrés Sebastián Santiago Saez

Antonio Murciano Cespedosa

Celia Herrera Rincón

Concepción Diego González

Cristina González Pérez

Enrique Caso Onzain

Federico Álvarez García

Fivos Panetsos Petrova

Giuseppe Fico

Ignacio Martínez Capella

Joan Chafer Vilaplana

Jorge Nieto De Vicente-Arche

José Julio Gómez Castillo

José Manuel Martínez Sesmero

Laura Llorente Sanz

Lidia Ybañez García

Mª Jesús Peña Soria

María Molinero Muñoz

María Teresa Benítez Giménez

Milagros Merino Fernández

Paula Marina Álvarez Gil

Rocío Anula Fernández

Santiago Zazo Bello



Overview

The objectives of our research group are as follows:

- To develop interdisciplinary research projects in the areas of innovation, surgery, neuroengineering, and pharmacy, integrating scientific and clinical knowledge with engineering, robotics, and artificial intelligence tools.
- To promote the transfer of research outcomes to the market, supporting researchers and innovators in the process of entrepreneurship and creating value-added products or services for the healthcare sector.

Scientific production

29

Nº of papers (WoS)

93% (27)

% Open Access (Nº)

19

Nº of papers JCR indexed

58% (11)

% Citable Items (Nº)

64% (7)

Q1 (citable items)

18% (2)

D1 (citable items)

48.28

Cumulative IF

4.39

Average IF

- To collaborate with other national and international research groups, as well as public and private entities in the healthcare, academic, and industrial fields, to foster cooperation and the exchange of knowledge and experiences.
- To participate in national and European Competitive Funding calls and programs, especially within the framework of the State Plan for Scientific, Technical, and Innovation Research 2021-2023 and Horizon 2020.
- To educate and train professionals and researchers in the competencies and skills necessary for innovation in the field of medicine and health.

Selected Publications

Pastor, Pilar Pinto, Fernandez, Enrique Dorado, Juan, Elena Albarran, SANTIAGO SAEZ, ANDRES SEBASTIÁN. Quality analysis of the completion of death certificates in Madrid. FORENSIC SCIENCE INTERNATIONAL. 2023. 343. DOI: 10.1016/j.forsciint.2023.111568. IF: 2,2. (Q1).

MAYOL MARTÍNEZ, JULIO ÁNGEL. Social media analytics. Surgery. 2023. 174 (3):735-740. DOI: 10.1016/j.surg.2023.05.039. IF: 3,8. (Q1).

MORENO RODRÍGUEZ, ROSA MARÍA, SOLAS GÓMEZ, BEATRIZ, Marcuello, Laura Gallego, Martinez, Maria del Carmen Diaz, FERNÁNDEZ DEL PALACIO, ENCARNACIÓN, SANTIAGO SAEZ, ANDRES SEBASTIÁN. Observational Prospective Study to Determine the Efficacy of 'Non-Slip Socks' vs. 'Adequate Footwear' Regarding the Number of Falls Observed among Admitted Patients. Healthcare. 2023. 11 (19). DOI: 10.3390/healthcare11192605. IF: 2,8. (Q2).

Award

Researcher aware: GONZÁLEZ PÉREZ. Award: I Concurso "Tu idea, su salud": diploma innovador propuesta "Domotizando la adherencia".

Clinical Practice Guidelines

Sune-Martin, Pilar, Manuel Carretero-Abascal, Jose, GONZÁLEZ PÉREZ, CRISTINA, Grp Coordinador Ensayos Clínicos. [Translated article] Analysis of the guide to excellence in the conduct of clinical trials in hospital pharmacy. FARMACIA HOSPITALARIA. 2023. Aran Ediciones SA. 10.1016/j.farma.2022.12.006.

Sune-Martin, Pilar, Carretero-Abascal, Jose Manuel, GONZÁLEZ PÉREZ, CRISTINA, Grp Coordinador Ensayos Clínicos. Analysis of the practice guideline in the conduct of clinical trials in hospital pharmacy. FARMACIA HOSPITALARIA. 2023. Aran Ediciones SA.

New Competitive Funding

CPP2022-009935. Asistente de Inteligencia Artificial para la verificación de comprensión de consentimientos informados audiovisuales securizados con tecnología blockchain - AICIBLOCK. PI: SANTIAGO SAEZ, ANDRES SEBASTIÁN. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

MMS.SEDISA.22. Business intelligence para análisis de actividad de telefarmacia. PI: GONZÁLEZ PÉREZ, CRISTINA. Funding organisation: SOCIEDAD ESPAÑOLA DE DIRECTIVOS DE LA SALUD.

Visiting Researcher

Research mobility: Sergio Mosquera Ferrer. Country: España. Center: Farmacología Clínica, Hospital Clínico San Carlos. Date of departure: 01/11/2023, Return date: 31/12/2023.

TEC.8

Biomedical Imaging Research

Leading researcher

Juan Lorenzo Arrazola García

Members

Ana Bustos García De Castro

Ana María Crespo Rodríguez

Beatriz Cabeza Martínez

Beatriz Lannegrand Menéndez

David Flavio Martínez Barrio

Domingo Pablo Córdoba Gómez

Eduardo Guibelalde Del Castillo

Eliseo Vañó Carruana

Francisco José Valderrama Canales

Íñigo De La Pedraja Gómez-Ceballos

Javier De Areba Iglesias

José Ignacio Ten Morón

José Manuel Espejo Domínguez

José Miguel Fernández Soto

Jose Ramón Sañudo Tejero

Juan Lorenzo Arrazola García

Lidia Gil Martínez

Mª Teresa Vázquez Osorio

Manuel Moreu Gamazo

Manuela Jorquera Moya

María Del Carmen Polidura Arruga

Maria Natividad Gómez Ruiz

Ramiro Méndez Fernández

Roberto Mariano Sánchez Casanueva

Susana Martín Garre

Virginia Alvarez Sanchez

Zulima Aza Villarrubia



Overview

Our group is multidisciplinary, oriented to biomedical imaging techniques, including the evaluation of new technologies, analysis and processing methods of imaging, the clinical practical application, as well as the technological development.

Our location at the Hospital Clínico facilitates the connection of the clinical environment with basic specialties and teaching departments of the University.

The research in our group is addressed in two ways. The most clinical aspect towards the test itself, evaluating its effectiveness and safety, and towards their clinical applications, evaluating their diagnostic or therapeutic possibilities. The other technological aspect is aimed at evaluating technologies for its standardization, accreditation and optimization, with emphasis on radioprotection and image analysis, for the design and evaluation of detection, integration, simulation or communication systems.

The group also intends to generate potentially transferable results to companies, it also offers its services to other research groups that include testing of biomedical imaging in their research projects.

Scientific production

21

Nº of papers
(WoS)

48% (10)

% Open
Access (Nº)

18

Nº of papers
JCR indexed

78% (14)

% Citable
Items (Nº)

60% (9)

Q1 (citable items)

43% (6)

D1 (citable items)

110.10

Cumulative IF

7.86

Average IF

Selected Publications

MOREU GAMAZO, MANUEL, PEREZ GARCIA, CARLOS NICOLAS, ROSATI, SANTIAGO, Lopez-Frias, Alfonso, EGIDO HERRERO, JOSÉ ANTONIO, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS IGNACIO, SIMAL HERNÁNDEZ, PATRICIA, ARRAZOLA GARCÍA, JUAN LORENZO, Bocquet, Anne-Laure, Barthe, Thomas, Scarica, Raffaele. Mechanical thrombectomy is cost-effective versus medical management alone around Europe in patients with low ASPECTS. JOURNAL OF NEUROINTERVENTIONAL SURGERY. 2023. 15 (7):629-633. DOI: 10.1136/jnis-2022-019849. IF: 4,8. (D1).

DÍEZ CIRARDA, MARÍA, YUS FUERTES, MIGUEL, GOMEZ RUIZ, MARIA NATIVIDAD, Polidura, Carmen, Gil-Martinez, Lidia, DELGADO ALONSO, CRISTINA, JORQUERA MOYA, MANUELA, GÓMEZ PINEDO, ULISES ALFONSO, MATÍAS-GUIU GUIA, JORGE, ARRAZOLA GARCÍA, JUAN LORENZO, MATÍAS-GUÍU ANTEM, JORDI. Multimodal neuroimaging in post-COVID syndrome and correlation with cognition. Brain. 2023. 146 (5):2142-2152. DOI: 10.1093/brain/awac384. IF: 14,5. (D1).

PEREZ GARCIA, CARLOS NICOLAS, Lopez-Frias, Alfonso, ARRAZOLA GARCÍA, JUAN LORENZO, GIL MARTÍNEZ, LIDIA, GARCÍA-RAMOS GARCÍA, ROCÍO, Fernandez Revuelta, Ana, ALONSO FRECH, FERNANDO, LOPEZ VALDES, EVA, TRONDIN, ALBERT, YUS FUERTES, MIGUEL. Four-tract probabilistic tractography technique for target selection in essential tremor treatment with magnetic resonance-guided focused ultrasound. EUROPEAN RADIOLOGY. 2023. DOI: 10.1007/s00330-023-10431-7. IF: 5,9. (Q1).

New Non Competitive Funding

ECL.22/467. ENDOVASCULAR THERAPY PLUS BEST MEDICAL TREATMENT (BMT) VERSUS BMT ALONE FOR MEDIUM VESSEL OCCLUSION STROKE - A PRAGMATIC, INTERNATIONAL, MULTICENTRE, RANDOMIZED TRIAL (DISTAL). TERAPIA ENDOVASCULAR MÁS BEST MEDICAL TREATMENT (BMT) VERSUS BMT EN ICTUS CON OCLUSIONES EN LOS VASOS DE TAMAÑO MEDIANO: UN ENSAYO ALEATORIZADO, MULTICÉNTRICO, INTERNACIONAL Y PRAGMÁTICO (DISTAL). PI: MOREU GAMAZO, MANUEL.

TEC.9

Nuclear Physics Techniques and Instrumentation in Biomedicine

Leading researcher

Mailyn Pérez Liva

Members

Andrea Espinosa Rodríguez

Daniel Sánchez Parcerisa

Esther Loscertales Vacas

Joaquín López Herraiz

Luis Mario Fraile Prieto

Pablo Galve Lamo

Paula Beatriz Ibáñez García

Samuel España Palomares

Sara De Scals Carmona



Overview

We are a team of experts in biomedical and biotechnological research that have experience in the development of research studies in the clinical and preclinical areas. With a marked translational component and the transfer of its results to the industry, the group maintains collaborations with different research centers and hospitals as well as with several companies in the biomedicine field. Our research topics are focused into two main areas. In first place, issues related to molecular imaging are studied both at the technological level and at its clinical and preclinical applications. This work is mainly focused on positron emission tomography. Another topic of study is focused on radiotherapy techniques, with special emphasis on cutting-edge techniques such as intraoperative radiotherapy and hadron therapy. On the other hand, the group has in turn a teaching projection in university degrees and masters at national and international level. Likewise, there is a lot of experience in the organization of courses, congresses and conferences aimed at both the training of professionals and the dissemination of scientific activities.

Scientific production

11

Nº of papers (WoS)

73%(8)

% Open Access (Nº)

8

Nº of papers JCR indexed

100% (8)

% Citable Items (Nº)

38%(3)

Q1 (citable items)

38%(3)

D1 (citable items)

59.90

Cumulative IF

7.49

Average IF

Selected Publications

Espinosa-Rodriguez, A., Villa-Abaunza, A., Diaz, N., Perez-Diaz, M., SANCHEZ PARCERISA, DANIEL, UDIAS MOINELO, JOSE MANUEL, IBAÑEZ GARCIA, PAULA BEATRIZ. Design of an X-ray irradiator based on a standard imaging X-ray tube with FLASH dose-rate capabilities for preclinical research. RADIATION PHYSICS AND CHEMISTRY. 2023. 206. DOI: 10.1016/j.radphyschem.2023.110760. IF: 2,9. (D1).

Pratt, Edwin C., Lopez-Montes, Alejandro, Volpe, Alessia, Crowley, Michael J., Carter, Lukas M., Mittal, Vivek, Pillarsetty, Nagavarakishore, Ponomarev, Vladimir, UDIAS MOINELO, JOSE MANUEL, Grimm, Jan, LOPEZ HERRAIZ, JOAQUIN. Simultaneous quantitative imaging of two PET radiotracers via the detection of positron-electron annihilation and prompt gamma emissions. Nature Biomedical Engineering. 2023. 7 (8):1028-. DOI: 10.1038/s41551-023-01060-y. IF: 28,1. (D1).

Lafci, Berkan, Hadjihambi, Anna, Determann, Madita, Konstantinou, Christos, Freijo, Clara, LOPEZ HERRAIZ, JOAQUIN, Bluemel, Sena, Pellerin, Luc, Burton, Neal C., Dean-Ben, Xose Luis, Razansky, Daniel. Multimodal assessment of Non-alcoholic fatty liver disease with transmission-reflection optoacoustic ultrasound. THERANOSTICS. 2023. 13 (12):4217-4228. DOI: 10.7150/thno.78548. IF: 12,4. (D1).

New Competitive Funding

4230310. REAL TIME MOLECULAR IMAGER WITH UNSURPASSED RESOLUTION. PI: JM Udias. Funding organisation: H2020-FETOPEN.

PLEC2022-009256. Comprender la radioterapia flash con dispositivos de tejido en-chip y resonancia magnética mejorada con hiperpolarización: FLASHOnChip. PI: D. Sánchez Parcerisa. Funding organisation: Ministerio de Ciencia e Innovación.

TED2021-129933B-C21. Desarrollo de tecnologías para farmacocinética no invasiva en medicina nuclear. PI: S. España. Funding organisation: Ministerio de Ciencia e Innovación.

PID2021-127033OB-C22. Estudio físico-químico del efecto radiosensibilizador de nanoestructuras metálicas y magnéticas. PI: S. España. Funding organisation: Ministerio de Ciencia e Innovación.

PID2021-126998OB-I00. FASCINA - FAsT SCIntillators for Nuclear structure and Applications. PI: L. M. Fraile / J.L. Herraiz. Funding organisation: Ministerio de Ciencia e Innovación.

PDC2022-133057-I00. mPET software. PI: Joaquín López Herraiz. Funding organisation: Ministerio de Ciencia e Innovación.

TED2021-130592B-I00. Plataforma de Gemelo Digital basado en Inteligencia Artificial para Protonterapia. PI: J.L. Herraiz / L.M. Fraile. Funding organisation: Ministerio de Ciencia e Innovación.

RYC2021-032739-I. Nuevas tecnologías de imagen para medicina de precisión. PI: M. Pérez-Liva. Funding organisation: Ministerio de Ciencia e Innovación.

PID2022-137114OA-I00. EXPLORACION IN VIVO DE LA RESPUESTA TISULAR A LA RADIACION. PI: Paula Ibañez García/ Mailyn Pérez Liva. Funding organisation: Ministerio de Ciencia e Innovación.

Doctoral Theses

Doctoral candidate: Javier Rodríguez Murias. Thesis Title: Advanced scintillator readout for fast-timing experiments and its application to A=130 nuclei/Lectura avanzada de centelleadores para experimentos de coincidencias ultrarrápidas y su aplicación a núcleos con A=130. Director(s): Luis Mario Fraile Prieto, Paolo Mutti. University: Universidad Complutense de Madrid.

Doctoral candidate: Miguel García Díez. Thesis Title: Desarrollos en detectores gamma de alta resolución temporal y en energía. Director(s): José M. Udias. University: Universidad Complutense de Madrid.

Doctoral candidate: Clara Freijo Escudero. Thesis Title: Modelos de Transporte en Imagen Médica basados en Ondas, Rayos e Inteligencia Artificial /Transport Models in Medical Imaging based on Waves, Rays and Artificial Intelligence. Director(s): Joaquín López Herraiz. University: Universidad Complutense de Madrid.

Doctoral candidate: Víctor Valladolid Onecha. Thesis Title: Verificación de rango de los protones en el ámbito de la protonterapia y la física nuclear /Proton range verification in the field of proton therapy and nuclear physics. Director(s): Luis Mario Fraile Prieto, Samuel España Palomares, Harald Paganetti. University: Universidad Complutense de Madrid.

TEC.10

Clinical Pharmacology

Leading researcher

Emilio Vargas Castrillón

Members

Alexandra Domingo Fernández

Ana Ascaso Del Río

Ana Belén Rivas Paterna

Ana Isabel Terleira Fernández

Ángeles Ramírez Tabernero

Antonio Portolés Pérez

Carla Pérez Ingídua

Carlos María Elvira Martínez

Carmen Sanz Nieto

Cristina Cuesta Mínguez

Enrique Pacheco Del Cerro

Esperanza González Rojano

Eva Mª Martín Nieto

Fernando De Andrés Rodríguez-Trelles

Iván Alejandro Díaz Rengifo

Laura Galán Caballero

Leonor María Laredo Velasco

Lourdes Cabrera García

Manuel Sánchez Craviotto

María Del Mar García Arenillas

María Del Rosario Salas Butrón

Natalia Pérez Macías

Natalia Rodríguez Galán

Sergio Mosquera Ferrer

Sonia Domínguez Muñoz

Susana García Ramos

Teresa Iglesias Hernangómez

Scientific production

8

Nº of papers
(WoS)

75%⁽⁶⁾

% Open
Access (Nº)

8

Nº of papers
JCR indexed

75%⁽⁶⁾

% Citable
Items (Nº)

17%⁽¹⁾

Q1 (citable items)

21.27

Cumulative IF

3.54

Average IF



Overview

The Clinical Pharmacology group was created from the Service's staff under the same name. For more than 20 years the Clinical Pharmacology group has been developing research in the drug area. It uses experimental and observational methods applied to humans, as well as pharmacokinetic modeling techniques and response and/or economic factors.

In collaboration with other services, the Clinical Pharmacology group has developed a large number of phase I to IV clinical trials in healthy volunteers and in patients. It has also conducted numerous studies about Drug Utilization, as well as about Evaluation of Safety, Use and/or Economic Medicines Assessment, with whom it has tried to maximize both scientific results and knowledge profitability for the Health System and for the patient, resulting in publications, doctoral theses, user guides, recommendations, evaluation and control measures, etc. On the other hand, it has acquired a high degree of experience and knowledge in bioethics and regulatory area related to research, development and registration of new drugs. This part greatly contributes to improve the orientation in investigation with medicines in human beings, as well as to maximize the scientific profitability and future knowledge applicability.

Selected Publications

Luengo, Trinidad Diaz, RIVAS PATERNA, ANA BELÉN, Loureiro, Elena, VARGAS CASTRILLÓN, EMILIO. Reducing preoperative anxiety in parents of surgical patients. *Heliyon*. 2023. 9 (5):- . DOI: 10.1016/j.heliyon.2023.e15920. IF: 4. (Q2).

MOSQUERA FERRER, SERGIO, Lozano Martin, Daniel, IGLESIAS HERNÁNDEZ, TERESA, Rodríguez Quijano, Agustín Andres, Galán Caballero, Laura, Lahoz Hormigos, Tomas, DÍAZ RENGIFO, IVÁN ALEJANDRO, Bermejo Martínez, Pedro Pablo, Lara Gonzalez, Natali Giselle, FONCUBIERTA GUTIÉRREZ, CARLOS, ORTEGA DE HEREDIA, MARÍA DOLORES, TERLEIRA FERNÁNDEZ, ANA ISABEL. A descriptive study of serum valproic acid levels in psychiatric patients in a tertiary hospital. *BRITISH JOURNAL OF PHARMACOLOGY*. 2023. 180 (1):391-391. DOI: 10.1016/j.bjp.2023.105920. IF: 7,3. (D1).

Allegue, Laura Lorenzo, LAREDO VELASCO, LEONOR MARÍA, Vivas, Ana María Recio, Domínguez, José Miguel Mansilla, Ruiz, Pedro Monino, Rey, Luz Bueno, Font-Jiménez, Isabel, VARGAS CASTRILLÓN, EMILIO. Do we really know if they are in pain? A cross-sectional study in hospitalised adult patients in Spain. *Nursing Open*. 2023. 10 (12):7668-7675. DOI: 10.1002/nop2.2007. IF: 2,3. (Q2).

Alliance

CERT22/00046. Consorcio Estatal en Red para el desarrollo de Medicamentos de Terapias Avanzadas (CERTERA). PI: Emilio Vargas Castrillón. Funding organisation: INSTITUTO DE SALUD CARLOS III. Subvenciones para la selección y financiación de los integrantes del Consorcio Estatal en Red para el desarrollo de Medicamentos de Terapias Avanzadas (CERTERA).

New Non Competitive Funding

ECL.23/632. A PROSPECTIVE STUDY TO EVALUATE THE IMMUNE STATUS IN THE ELDERLY AFTER RECEIVING A BOOSTER DOSE UNDER THE COVID-19 VACCINATION PROGRAM IN SPAIN. N COVID SENIOR II, A SUBSTUDY OF COVIDVAC@SPAIN. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.22/366. BENEFICIOS DE UNA INTERVENCIÓN EDUCATIVA PRECOZ BASADA EN LA EXTRACCIÓN PRECOZ Y VÍDEOS SOBRE LA LACTANCIA MATERNA EN PREMATUROS MENORES DE 32 SEMANAS DE EDAD GESTACIONAL. PI: RIVAS PATERNA, ANA BELÉN.

Technology Transfer

Spanish patent: Procedimiento y dispositivo para la detección visual del grado de aptitud en una muestra aislada de sangre para su validación en análisis clínico. Inventors: Leticia Simón, Emilio Vargas (Universidad Complutense de Madrid) .Nº de patente: P201900050. Date of application: 26/05/2020.

Spanish patent: COMBINATION OF IBUPROFEN AND TRAMADOL FOR RELIEVING PAIN: Inventor: Inventors: PORTOLÉS PÉREZ, Antonio; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE FARMACOLOGÍA CLÍNICA. SANTÉ SERNA, Luis Narciso; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE ANESTESIA. SALAS BUTRÓN, María del Rosario; FARMALÍDER, S.A. VARGAS CASTRILLÓN, Emilio; HOSPITAL CLÍNICO SAN CARLOS, SERVICIO DE FARMACOLOGÍA CLÍNICA. CALANDRIA PÉREZ, Carlos; HORCAJADA CÓRDOBA, Raquel; MUÑOZ RUIZ, Ángel José; UNIVERSIDAD DE SEVILLA. VICARIO DE LA TORRE, Iñiia; Aragoneses II. SANZ MENÉNDEZ, Nuria. GÓMEZ CALVO, Antonia. SÁNCHEZ GARCÍA, Jose Angel. DUART GONZALEZ, Ester. GARCÍA ALONSO, Fernando; Nº de patente: PCT/EP2020/069306. Date of application: 08/07/2020.

Theses Doctorale

Doctoral candidate: Elena García Pedraza. Thesis Title: Evaluación de la seguridad de la administración intraarticular única y repetida de células madre de cordón umbilical equino (EUC-MSC) en perros jóvenes y sanos. Director(s): Ignacio Álvarez Gómez de Segura, Antonio Portolés Pérez,. University: Universidad Complutense de Madrid.

Doctoral candidate: María José Pérez Úbeda. Thesis Title: Ensayo clínico sobre el uso de la artroscopia en pacientes intervenidos quirúrgicamente de fractura de muñeca mediante placa volar. Director(s): Fernando Marco Martínez, Antonio Portolés Pérez. University: Universidad Complutense de Madrid.

Doctoral candidate: Carla Perez Ingidua . Thesis Title: Reacciones Adversas a Medicamentos en Cirugía Pediátrica. Director(s): Emilio Vargas Castrillón, Ana Belén Rivas Paterna , . University: Facultad de Enfermería, Fisioterapia y Podología, Universidad Complutense.

Doctoral candidate: María Teresa Camacho Arroyo. Thesis Title: Estudio de reacciones adversas a medicamentos en adultos mayores hospitalizados durante la irrupción de la pandemia de COVID-19. Director(s): Emilio Vargas Castrillón, Ana Belén Rivas Paterna , Alfonso Meneses . University: Facultad de Enfermería, Fisioterapia y Podología, Universidad Complutense.

OTHER LARGE SYSTEMS AREA

OTHER LARGE SYSTEMS AREA (OGS)

OTHER LARGE SYSTEMS AREA

Groups

- OGS.1 Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes.
- OGS.6 Diabetes and obesity
- OGS.9 Endocrinology of Metabolic Diseases
- OGS.14 Medical Physics
- OGS.15 Aging
- OGS.18 Health Care Research
- OGS.19 Epidemiology and Health Services
- OGS.22 Contemporary Physiotherapy Research (InPhysio)
- OGS.23 The Digestive System
- OGS.24 Hematology
- OGS.25 Pathology of Emergency
- OGS.27 The Interdisciplinary Study Group of Diabetic Foot
- OGS.28 Clinical Research Associates
- OGS.29 Socioeconomic Health Determinants
- OGS.30 AFUSAN
- OGS.32 Ciencias Forenses: genética y toxicología forense
- OGS.33 Chronobiological Molecular Mechanisms
- OGS.35 Research in the critical patient

Annual Goals

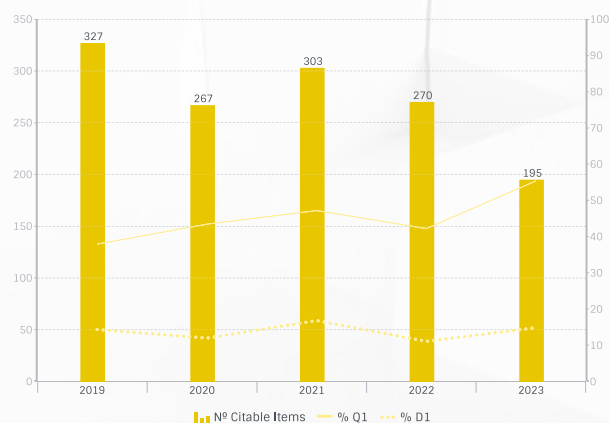
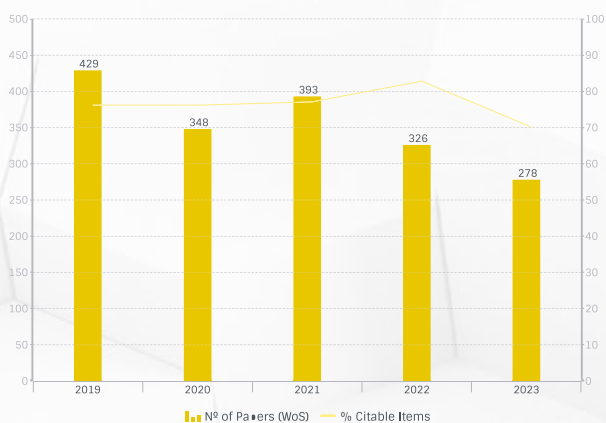
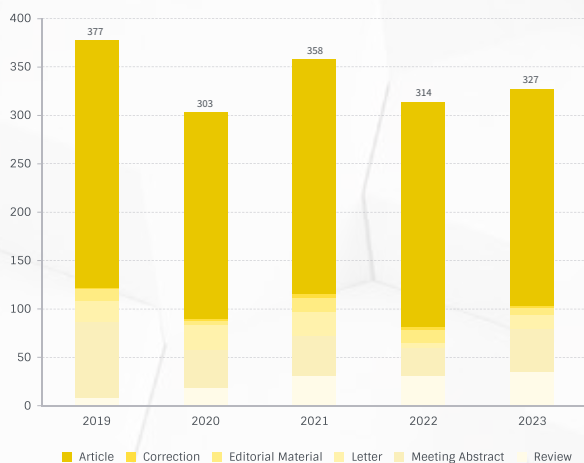


Accumulated total professionals in the area

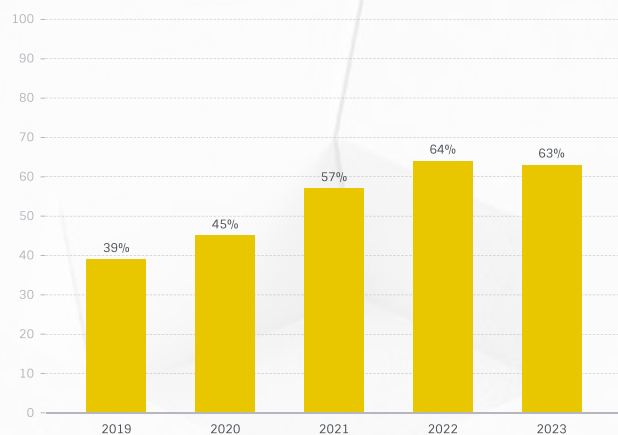


Scientific production (2019 - 2023)

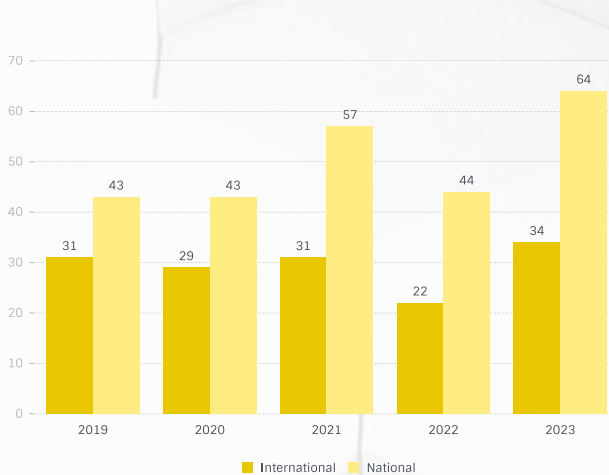
Evolution by type of documents



Percentage open access (citable items wos)



Type of collaboration



Top 5 most cited papers

TITLE	JOURNAL	TIMES CITED	YEAR	QUARTIL	WOS CATEGORY	ARTICLE INFLUENCE SCORE
Prevalence of post-COVID-19 symptoms in hospitalized and non-hospitalized COVID-19 survivors: A systematic review and meta-analysis	EUROPEAN JOURNAL OF INTERNAL MEDICINE	294	2021	Q1 (29/325)	MEDICINE, GENERAL & INTERNAL	1.328
Effect of Continued Weekly Subcutaneous Semaglutide vs Placebo on Weight Loss Maintenance in Adults With Overweight or Obesity The STEP 4 Randomized Clinical Trial	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	236	2021	Q1 (5/325)	MEDICINE, GENERAL & INTERNAL	27.856
2023 ESH Guidelines for the management of arterial hypertension The Task Force for the management of arterial hypertension of the European Society of Hypertension Endorsed by the International Society of Hypertension (ISH) and the European Renal Association (ERA)	JOURNAL OF HYPERTENSION	174	2023	Q1 (24/96)	PERIPHERAL VASCULAR DISEASE	1.354
Effects of Serelaxin in Patients with Acute Heart Failure.	NEW ENGLAND JOURNAL OF MEDICINE	161	2019	Q1 (2/325)	MEDICINE, GENERAL & INTERNAL	41.530
Bortezomib, lenalidomide, and dexamethasone as induction therapy prior to autologous transplant in multiple myeloma	Blood	147	2019	Q1 (2/97)	HEMATOLOGY	7.366

Activity



18
Awards



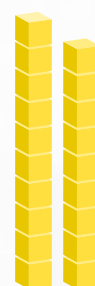
3
Clinical Practice Guidelines



8
Doctorate Theses



4
New Competitive Funding



19
New non competitive funding



2
Technology Transfer

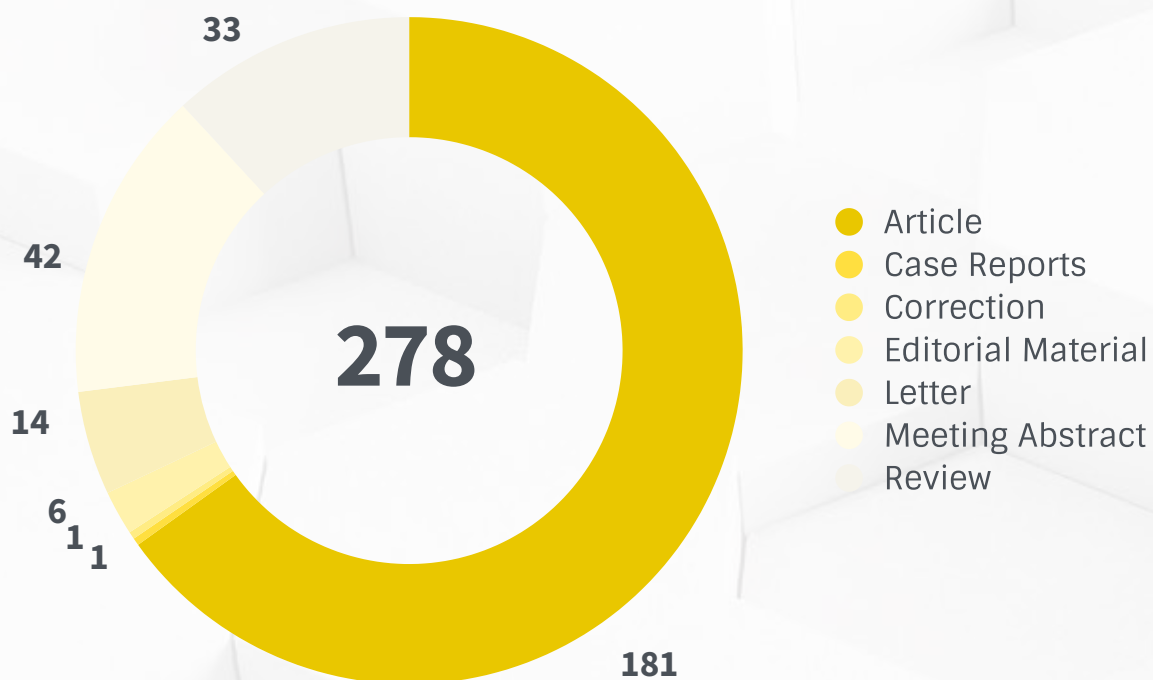
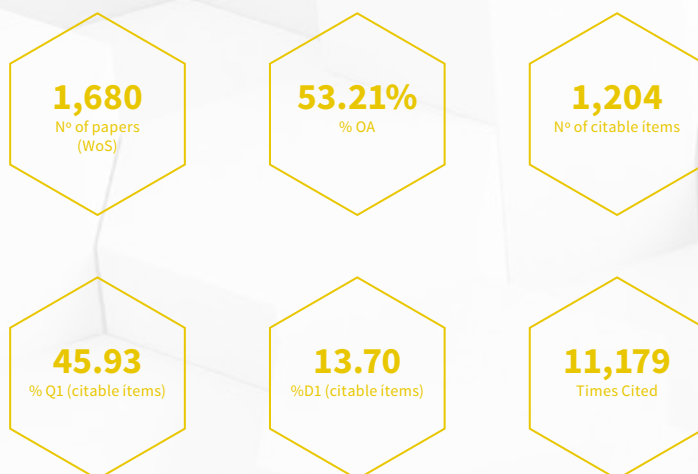


2
Mobility of Researchers



5
Visiting Researcher

Scientific production



Top 5 journals with the highest publication rate

During 2023, the Other Large Systems area's researchers have published in a total of 159 different journals. The top 5 journals where they publish the most are shown below. It represents the 22,66% of the scientific production of this area. Three of these journal is in the first quartile of the JCR 2023 for their thematic category. Two journal is in the Top 5 in their WoS category

JOURNAL	Nº OF PAPERS (WoS)	QUARTIL 2023	WoS CATEGORY	ARTICLE INFLUENCE SCORE 2023	JOURNAL CITATION INDICATOR 2023	IF (WITHOUT SELF-CITATIONS) 2023
Journal of Clinical Medicine	23	Q1 (58/325)	MEDICINE, GENERAL & INTERNAL	0.844	0.92	2.8
REVISTA ESPAÑOLA DE QUIMIOTERAPIA	14	Q3 (231/354)	Pharmacology and pharmacy	0.394	0.44	1.7
EMERGENCIAS	11	Q1 (4/54)	EMERGENCY MEDICINE	0.661	1.74	3.7
EUROPEAN HEART JOURNAL	8	Q1 (2/220)	CARDIAC & CARDIOVASCULAR SYSTEMS	12.217	7.74	35.1
Biomedicines	7	Q2 (105/354)	PHARMACOLOGY & PHARMACY	0.808	0.88	3.7

Selected 5 publications

- Garcia-Manzanares, Maria-Elena, LANCHARRO BERMÚDEZ, MARGARITA, Fernandez-Lasquetty-Blanc, Blanca, Hernandez-Martinez, Antonio, Rodriguez-Almagro, Julian, CAPARRÓS SANZ, M^o ROSARIO. Assessment, diagnosis and treatment of peristomal skin lesions by remote imaging: An expert validation study. JOURNAL OF ADVANCED NURSING. 2023. 79 (2):630-640. DOI: 10.1111/jan.15497. IF: 3,8. (D1).
- TAXONERA SAMSÓ, CARLOS, OLIVARES QUINTANAR, DAVID, Lopez-Garcia, Olga N. N., ALBA LÓPEZ, CRISTINA. Meta-analysis: Real-world effectiveness and safety of ustekinumab in patients with ulcerative colitis. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2023. 57 (6):610-619. DOI: 10.1111/apt.17386. IF: 7,6. (D1).
- Burgos, Leire, Tamariz-Amador, Luis-Esteban, Puig, Noemi, Cedena, Maria-Teresa, Guerrero, Camila, Jelinek, Tomas, Johnson, Sarah, Milani, Paolo, Cordon, Lourdes J., Perez, Jose, Lasa, Marta, Termini, Rosalinda, Oriol, Albert, Hernandez, Miguel-Teodoro, Palomera, Luis, MARTINEZ MARTINEZ, RAFAEL BENIGNO, de la Rubia, Javier, de Arriba, Felipe, Rios, Rafael, Gonzalez, Maria-Esther, Gironella, Mercedes, Cabanas, Valentin, Casanova, Maria, Krsnik, Isabel, Perez-Montana, Albert, Gonzalez-Calle, Veronica, Rodriguez-Otero, Paula, Maisnar, Vladimir, Hajek, Roman, Van Rhee, Fritz, Jimenez-Zepeda, Victor, Palladini, Giovanni, Merlini, Giampaolo, Orfao, Alberto, de la Cruz, Javier, Martinez-Lopez, Joaquin, Lahuerta, Juan-Jose, Rosinol, Laura, Blade, Joan, Mateos, Maria-Victoria F., San-Miguel, Jesus, Paiva, Bruno, PETHEMA GEM Cooperative Grp . Definition and Clinical Significance of the Monoclonal Gammopathy of Undetermined Significance-Like Phenotype in Patients With Monoclonal Gammopathies. JOURNAL OF CLINICAL ONCOLOGY. 2023. 41 (16):3019-. DOI: 10.1200/JCO.22.01916. IF: 45,3. (D1).
- Garcia-Oreja, Sara, Javier Alvaro-Afonso, Francisco, GARCÍA-MADRID MARTÍN DE ALMAGRO, MARTA, LÓPEZ MORAL, MATEO, GARCÍA ÁLVAREZ, YOLANDA, LÁZARO MARTÍNEZ, JOSÉ LUIS. Cryotherapy versus topical nitric-zinc complex solution for the treatment of planar warts: A randomized controlled trial. JOURNAL OF MEDICAL VIROLOGY. 2023. 95 (11). DOI: 10.1002/jmv.29212. IF: 12,7. (D1).
- Perez-Romero, Cesar, Barrio, Gregorio, Donat, Marta, Moreno, Almudena, Guerras, Juan-Miguel, Pulido, Jose, Belza, Maria-Jose, REGIDOR POYATOS, ENRIQUE. Heavy Drinking by Occupation in Spain: Differences Between Weekdays and the Weekend. JOURNAL OF COMMUNITY HEALTH. 2023. DOI: 10.1007/s10900-023-01288-4. IF: 5,9. (D1).

OGS.1

Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes

Leading researchers

Elvira Álvarez García

María del Carmen Sanz Miguel

Members

Alberto García Sáez

M^a Ángeles Navas Hernández

Enrique Blázquez Fernández

Patricia Vázquez Pérez

Esther Velázquez Sánchez

Veronica Hurtado Carneiro

Juan Miguel Ruiz Albusac

Overview

Our group investigates the role of energetic/nutrient sensors in the central and peripheral adaptation to fasting/feeding states, high-fat diet, and aging. We are discerning the importance of some metabolic, nutrient and energetic sensors such as PASK, AMPK, mTOR and other transducers of insulin signaling in the adaptive response to fasting and feeding, oxidative metabolism, oxidative stress and the function in thermogenesis. All of them are in the context of intracellular studies of regulation mechanisms of proliferation, differentiation, apoptosis, autophagy, survival, etc. As well as, inter-tissue and inter-organ intercommunication and their importance in the aging, development of diabetes, obesity and other pathologies including some neurodegenerative disorders. These studies are developed in vitro (cell and organotypic cultures) and in vivo in different animal models (mammals and invertebrates).

Scientific production

1

Nº of papers
(WoS)

100% (2)

% Open
Access (Nº)

1

Nº of papers
JCR indexed

100% (1)

% Citable
Items (Nº)

100% (1)

Q1 (citable items)

3.90

Cumulative IF

3.90

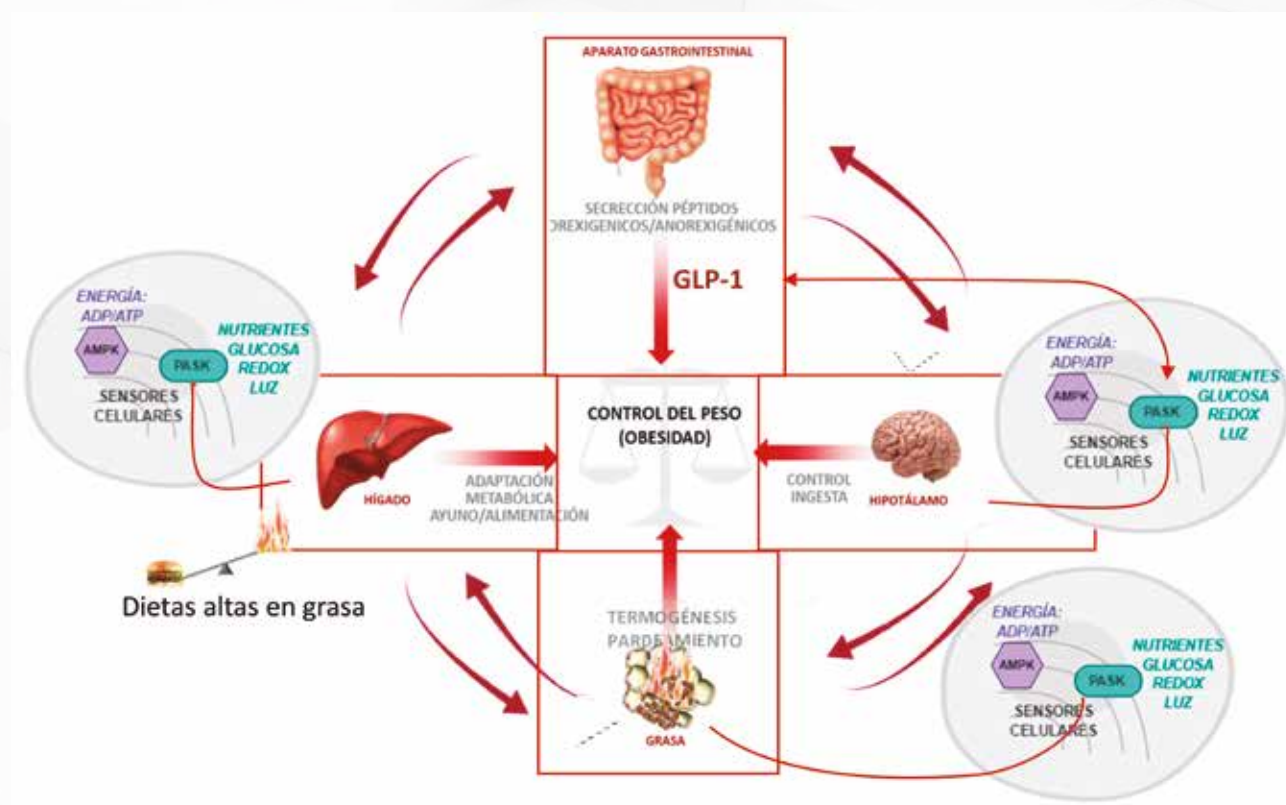
Average IF

Selected Publications

GiovanNoni, Gavin, ÁLVAREZ GARCÍA, ELVIRA, Tutton, Ellen, Hoffmann, Olaf, Xu, Yan, Vermersch, Patrick, OREJA GUEVARA, CELIA, Trojano, María, Gold, Ralf, Robles-Cedeno, Rene, Khwaja, Mudeer, Stadler, Bianca, Vandercappellen, Jo, Ziemssen, Tjalf. Development and usability testing of your MS questionnaire: A patient-based digital tool to monitor symptoms of multiple sclerosis. Digital Health. 2023. 9. DOI: 10.1177/20552076231173531. IF: 3,9. (Q1).

New Non Competitive Funding

PR3/23-30822. VALORACIÓN FUNCIONAL Y ANÁLISIS COMPARATIVO DE LOS MICRORNAS DE CAENORHABDITIS ELEGANS (FACEMIR). PI: ALBERTO GARCÍA SÁEZ. Funding organisation: UCM-SANTANDER.



OGS.6

Diabetes and obesity

Leading researcher

Carlos Guillen Viejo

Members

Ana García Aguilar

Carlos González Blanco

Elena Gonzalez Trujillos

Gema García Gómez

Manuel Román Benito De Las Heras

Olga María Palomino Ruiz-Poveda

Silvia Fernández López

ciber | **DEM**



Overview

The laboratory was founded in 1983 as Molecular Biology of Development, later expanding to the study of cellular models.

Over the last thirty years it has given rise to different laboratories, which are currently led by researchers trained in the founding laboratory. Currently, the laboratory is focused on studying, through the use of different models, both in vitro and in vivo, of the disease, for a better understanding of the molecular mechanisms that are involved in the progression of type 2 diabetes.

In addition, we are interested in determining proteins that can be used as potential treatment targets, through the use of sirtuin, AMPK and mTOR pathway modulating agents.

RESEARCH LINES:

A. Molecular mechanisms in the progression of type II diabetes.

- A1.- To study the role of the TSC2/mTORC1 complex, autophagy and reticulum stress in the control of pancreatic beta-cell expansion and failure using in vitro and in vivo models.
- A2.- To determine the role of human amylin in the progression to type 2 diabetes using in vitro and in vivo models, as well as the connection between type 2 diabetes and neurodegeneration.
- A3.- To analyze the elimination of protein aggregates and/or altered organelles by the use of plant extracts through the potentiation of autophagy.
- A4.- To study the role of different modulators of signaling pathways involved in aging (SIRT1, AMPK, mTOR) and progression to diabetes.

B. Thermogenic function and inflammatory disease of the adipose organ.

- B1.- New murine models of thermogenic dysfunction of brown adipose tissue: BATIGFIRKO and tissue-specific BATIGFIRDKO.
- B2.- Role of mitochondrial dynamics and mitophagy in the control of adaptive thermogenesis: New murine models BAT Opa-1 and BAT MFN-1 KO specific to brown adipose.

Scientific production

1

Nº of papers
(WoS)

100%

% Open
Access (Nº)

1

Nº of papers
JCR indexed

Selected Publications

GUILLEN VIEJO, CARLOS, Garcia-Ocana, Adolfo . Front. Endocrinol.. Progression to Diabetes: Molecular and cellular mechanisms. 2023. 14 (Internacional);Suiza-. DOI: 10.3389/fendo.2023.1141337. IF: 3,9. (Q2).

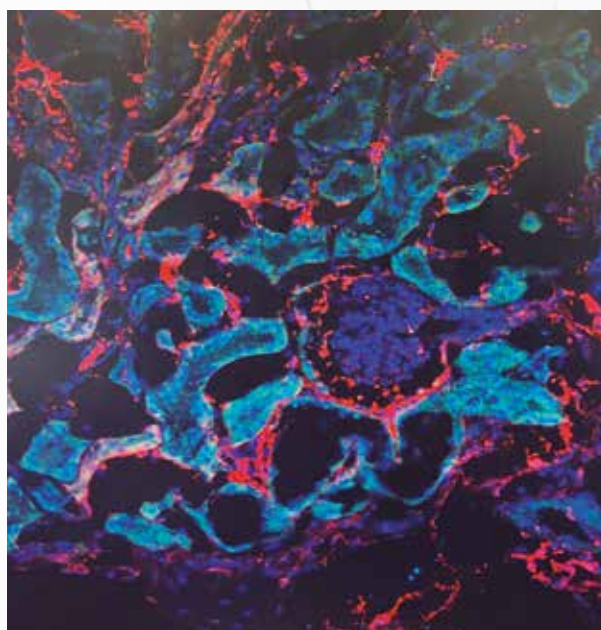
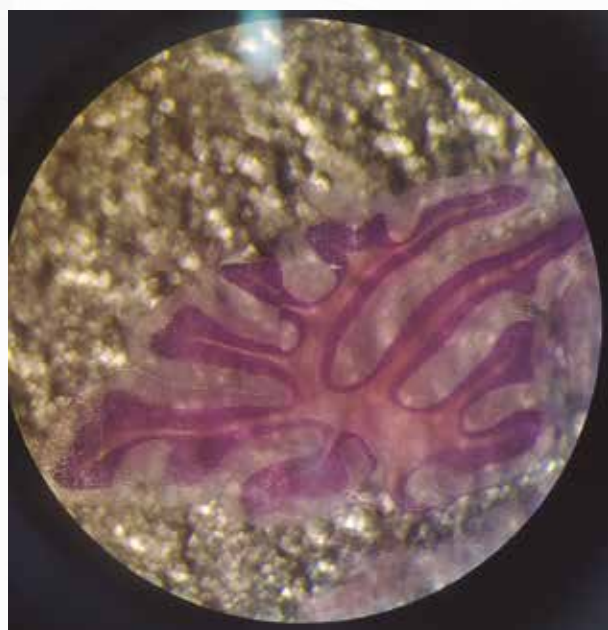
Theses Doctorale

Doctoral candidate: PATRICIA MARQUÉS GONZÁLEZ. Thesis Title: EL PAPEL PROTECTOR DE LA MITOFAGIA Y EL ENRIQUECIMIENTO MITOCONDRIAL EN LOS TRASTORNOS METABÓLICOS. Director(s): CARLOS GUILLÉN VIEJO, MANUEL BENITO DE LAS HERAS. University: Universidad Complutense de Madrid.

Research Mobility

Research mobility: CARLOS GONZALEZ BLANCO. Country: ESPAÑA. Center: UNIVERSIDAD DE MALAGA. FACULTAD DE CIENCIAS. DPTO. BIOLOGIA CELULAR, GENÉTICA Y FISIOLÓGÍA. Date of departure: 08/10/2023. Return date: 22/12/2023.

Research mobility: BEATRIZ JIMÉNEZ GARCÍA. Country: SUECIA. Center: KAROLINSKA. Date of departure: 20/01/2023. Return date: 01/07/2023.



OGS.9

Endocrinology of Metabolic Diseases

Leading researcher

Alfonso Luis Calle Pascual

Members

Alejandra Durán Rodríguez-Hervada

Ana Isabel Esquifino Parras

Ana María Barabash Bustelo

Angélica Larrad Sáinz

Elena Bordiú Obanza-Jubilada

Isabelle Runkle De La Vega-Jubilada

Johanna Josefina Valerio Deogracia

Jorge Gabriel Ruiz Sanchez

José Ángel Díaz Pérez

José Luis Espadas Gil

José Ramón Calle Fernández-Jubilado

Laura Del Valle Díez

Laura Romero Pérez

Leire Virto

Lucio Cabrerizo García-Jubilado

Mª Soledad Fernández Alfonso

Macarena Torrego Ellacuría

María Arnoriaga Rodríguez

María Concepción Sanabria Pérez-Jubilado

María Del Carmen Montañez Zorilla

María Del Pilar Fernández Mateos

María Gemma Hernández Núñez

María Juliana Pérez De Miguelsanz

María Ortiz Ramos

María Paz De Miguel Novoa

María Pilar Cano Barquilla

María Pilar Matía Martín

Mercedes Galindo Rubio-Jubilada

Miguel Ángel Rubio Herrera

Natalia Pérez Ferre

Nuria García De La Torre Lobo

Rocío Martín O'connor

Vanesa Jiménez Ortega

Verónica Melero Álvarez

ciber | DEM



Overview

The research group of Endocrinology of Metabolic Diseases is recognized as an organization element designed to facilitate research based on clinical management and comprehensive care, to patients with endocrine metabolic diseases. The group will encourage the participation, involvement and responsibility of all professionals. Advanced information systems will be used as part of the cost-effectiveness evaluation and quality translational research in metabolic diseases.

The group is also involved in controlling the efficiency of the research conducted through the highest bodies of management of the Centre, or Health Centers, in order to increase knowledge in the prevention and treatment of all metabolic diseases, in the field of endocrinology and nutrition.

Scientific production

48

Nº of papers (WoS)

83% (40)

% Open Access (Nº)

47

Nº of papers JCR indexed

94% (44)

% Citable Items (Nº)

64% (28)

Q1 (citable items)

18% (8)

D1 (citable items)

145.5

Cumulative IF

5.58

Average IF

Selected Publications

MELERO ÁLVAREZ, VERÓNICA, ARNORIAGA RODRÍGUEZ, MARÍA, BARABASH BUSTELO, ANA MARÍA, VALERIO DEOGRACIA, JOHANNA JOSEFINA, DEL VALLE DÍEZ, LAURA, MARTÍN O'CONNOR, ROCÍO, DE MIGUEL NOVOA, MARÍA PAZ, DÍAZ PÉREZ, JOSÉ ÁNGEL, Familiar, Cristina, Moraga, Inmaculada, DURÁN RODRÍGUEZ-HERVADA, ALEJANDRA, Cuesta, Martin, TORREJÓN MARTÍNEZ, MARÍA JOSÉ, MARTINEZ-NOVILLO GONZALEZ, MERCEDES, Moreno, María, Romera, Gisela, RUNKLE DE LA VEGA, ISABELLE, Pazos, Mario, RUBIO HERRERA, MIGUEL ÁNGEL, MATÍA MARTÍN, MARÍA PILAR, CALLE PASCUAL, ALFONSO LUIS. An Early Mediterranean-Based Nutritional Intervention during Pregnancy Reduces Metabolic Syndrome and Glucose Dysregulation Rates at 3 Years Postpartum. NUTRIENTS. 2023. 15 (14). DOI: 10.3390/nu15143252. IF: 5,9. (Q1).

Pazos-Guerra, Mario, RUIZ SANCHEZ, JORGE GABRIEL, Perez-Candel, Xavier, Lopez-Nevado, Celia, Hernandez-Olmeda, Fernando, Cuesta-Hernandez, Martin, MARTÍN SÁNCHEZ, FRANCISCO JAVIER, CALLE PASCUAL, ALFONSO LUIS, RUNKLE DE LA VEGA, ISABELLE. Inappropriate therapy of euvolemic hyponatremia, the most frequent type of hyponatremia in SARS-CoV-2 infection, is associated with increased mortality in COVID-19 patients. Frontiers in endocrinology. 2023. 14. DOI: 10.3389/fendo.2023.1227059. IF: 5,2. (Q1).

ARNORIAGA RODRÍGUEZ, MARÍA, MELERO ÁLVAREZ, VERÓNICA, BARABASH BUSTELO, ANA MARÍA, VALERIO DEOGRACIA, JOHANNA JOSEFINA, DEL VALLE DÍEZ, LAURA, MARTÍN O'CONNOR, ROCÍO, DE MIGUEL NOVOA, MARÍA PAZ, DÍAZ PÉREZ, JOSÉ ÁNGEL, Familiar, Cristina, Moraga, Inmaculada, DURÁN RODRÍGUEZ-HERVADA, ALEJANDRA, Jimenez, Ines, Cuesta, Martin, TORREJÓN MARTÍNEZ, MARÍA JOSÉ, MARTINEZ-NOVILLO GONZALEZ, MERCEDES, RUNKLE DE LA VEGA, ISABELLE, Pazos, Mario, RUBIO HERRERA, MIGUEL ÁNGEL, MATÍA MARTÍN, MARÍA PILAR, CALLE PASCUAL, ALFONSO LUIS. Modifiable Risk Factors and Trends in Changes in Glucose Regulation during the First Three Years Postdelivery: The St Carlos Gestational Diabetes Mellitus Prevention Cohort. NUTRIENTS. 2023. 15 (23). DOI: 10.3390/nu15234995. IF: 5,9. (Q1).

Award

Researcher aware: Macarena Torrego Ellacuría. Award: Premio Extraordinario de Doctorado. Winning work: "Influencia de variantes genéticas en la respuesta ponderal a la cirugía bariátrica".

Clinical Practice Guidelines

Rocío Campos Del Portillo 1, Samara Palma Milla 2, Pilar Matía Martín 3, Viviana Loria-Kohen 4, Miguel Ángel Martínez Olmos 5, María Teresa Mories Álvarez 6, María José Castro Alija 7, María Ángela Martín Palmero 8, Elena Carrillo Lozano 1, Marllyn Valero-Pérez 2, Isabel Campos Del Portillo 9, Alejandro Esteban Sirvent Segovia 10, Pilar Plaza Blázquez 1, Diana Monserrat de la Cruz López 11, Francisco Pita Gutiérrez 12. [A consensus report by the Working Group on Eating Disorders of Sociedad Española de Nutrición Clínica y Metabolismo (GTCA-SENPE). Evaluation, medical and nutritional management of anorexia nervosa. Update 2023]. SENPE: Sociedad Española de Nutrición Clínica y Metabolismo. 2023. Revista Nutrición Hospitalaria. doi: 10.20960/nh.05175.

New Competitive Funding

FI22/00175. Contrato PFIS: "Verónica Melero Álvarez". PI: CALLE PASCUAL, ALFONSO LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL23/366. EFECTIVIDAD SOBRE EL ESTADO NUTRICIONAL DE UN PROGRAMA DE SOPORTE NUTRICIONAL CON RECOMENDACIONES DIETÉTICAS, EJERCICIO Y SUPLEMENTACIÓN ESPECÍFICA PARA PERSONAS CON DIABETES TIPO 2 CON O EN RIESGO DE MALNUTRICIÓN EN UN ENTORNO REAL SEGÚN PRÁCTICA CLÍNICA HABITUAL (ESTUDIO GLADIATOR).. PI: MATÍA MARTÍN, MARÍA PILAR.

OGS.14

Medical Physics

Leading researcher

Eliseo Vañó Carruana

José Miguel Fernández Soto

Members

David Flavio Martínez Barrio

Roberto Mariano Sánchez Casanueva

Domingo Pablo Córdoba Gómez

Virginia Álvarez Sánchez

Javier De Areba Iglesias

Zulima Aza Villarrubia

José Ignacio Ten Morón



Selected Publications

Ubeda, Carlos, VAÑÓ CARRUANA, ELISEO, Perez, María, Jimenez, Pablo, van Deventer, Emilie, Ramirez, Raul, Nader, Alejandro, Miranda, Patricia. Optimization of Radiation Protection in Pediatric Interventional Radiology in Latin America and the Caribbean: Development, Advancements, Challenges and Achievements of the OPRIPALC Program. Children-Basel. 2023. 10 (12):- DOI: 10.3390/children10121858. IF: 2. (Q2).

Balcaza, V. Garcia, Camp, A., SÁNCHEZ CASANUEVA, ROBERTO MARÍANO, Ginjaume, M., Duch, M. A.. Dose assesment with fast Monte Carlo codes in interventional radiology. RADIATION PROTECTION DO-SIMETRY. 2023. 199 (15-16):1813-1817. DOI: 10.1093/rpd/ncac244. IF: 0,8. (Q4).

VAÑÓ CARRUANA, ELISEO, Fernandez-Soto, Jose M., Ten, Jose, Casanueva, Roberto M. Sanchez. Oc-cupational and patient doses for interventional radiology integrated into a dose management system. BRITISH JOURNAL OF RADIOLOGY. 2023. 96 (1143):- DOI: 10.1259/bjr.20220607. IF: 1,8. (Q3).

Clinical Practice Guidelines

Roberto Sánchez, José Miguel Fernández y Eliseo Vañó. Propuesta de vigilancia radiológica individual. Proyecto de I+D+i Estimaciones de dosis ocupacionales en cristalino en instalaciones sanitarias y de investigación (EDOCI). Consejo de Seguridad Nuclear. 2023. Publicaciones del CSN. Colección Docu-mentos I+D 29.2023.

Visiting researcher

Visiting researcher: Fredys Jorge Santos Gutierrez. Country of origin: Costa Rica. Center: Caja Costari-cense de Seguro Social. Project: IAEA's technical cooperation programme. Return date: 05/06/2023. Date of departure: 16/06/2023.

Visiting researcher: Çolak Halil. Country of origin: Turquia. Center: Ministry of Health of Tuerkiye. Proj-ect: IAEA's technical cooperation programme. Return date: 18/09/2023. Date of departure: 22/09/2023.

Visiting researcher: Sebik Nihat Baris. Country of origin: Turquia. Center: Ministry of Health of Tuerkiye. Proj-ect: IAEA's technical cooperation programme. Return date: 18/09/2023. Date of departure: 22/09/2023.

Visiting researcher: Ugrak Ugur. Country of origin: Turquia. Center: Ministry of Health of Tuerkiye. Proj-ect: IAEA's technical cooperation programme. Return date: 18/09/2023. Date of departure: 22/09/2023.

Scientific production

6

Nº of papers
(WoS)

67%⁽⁴⁾

% Open
Access (Nº)

5

Nº of papers
JCR indexed

60%⁽³⁾

% Citable
Items (Nº)

4.60

Cumulative IF

1.50

Average IF

OGS.15

Aging

Leading researcher

Federico Miguel Cuesta Triana

Pedro Gil Gregorio

Members

Alberto Fernández Lucas

Jesús Mora Fernández

Ana Méndez Juárez

Lara Guardado Fuentes

Andrés Burillo Pérez

María Aurora Viloria Jiménez

Blanca Garmendia Prieto

Mario Salas Carrillo

Carlos Verdejo Bravo

Marta Vigara García

Carmen Terrón Morgado

Montserrat Lázaro Del Nogal

Constanza Ciriza De Los Ríos

Patricia Alonso Fernández

Daniel Padrón Guillén

Patricia Blázquez Simón

Isabel Lozano Montoya

Overview

The research group is basically made up of members of the Geriatric Service of the Hospital Clínico San Carlos. The progressive aging of the population, and more specifically in the area of influence of this hospital, is well known. The research activity is directed towards those entities, having a higher prevalence in this exchequer sector.

In the area of cognitive impairment and dementia, the group has participated in FIS projects, and is also conducting a number of phases II and III clinical trials and is part of EADC: European Alzheimer's Disease Consortium. Recently, we are conducting translational research with the Universidad Politécnica in Madrid. Among dementias, biomarkers as redox reaction elements are the major focus together with the Center for Molecular Biology of Madrid, as well as neuroimaging techniques with the Radiology Department of the Hospital. Sarcopenia has been defined as a new large geriatric syndrome, and the group is participating in incidence and prevalence studies, as well as in a phase II clinical trial. Functional impairment and pathological aging markers are other areas of special interest, especially the ones related to orthogeriatrics, i.e., patients with hip fractures, and the impact on quality of life, institutionalization and independence. All physiological phenomena related to aging.

Selected Publications

LÓPEZ CUENCA, INÉS, Nebreda, Alberto, Garcia-Colomo, Alejandra, GARCÍA MARTÍN, ELENA SALOBRAR, de Frutos-Lucas, Jaisalmer, Bruna, Ricardo, RAMÍREZ SEBASTIÁN, ANA ISABEL, Ramirez-Torano, Federico, SALAZAR CORRAL, JUAN JOSÉ, BARABASH BUSTELO, ANA MARÍA, GIL GREGORIO, PEDRO, MAESTU UNTURBE, FERNANDO, RAMÍREZ SEBASTIÁN, JOSÉ MANUEL, DE HOZ MONTAÑANA, ROSA. Early visual alterations in individuals at-risk of Alzheimer's disease: a multidisciplinary approach. ALZHEIMERS RESEARCH & THERAPY. 2023. 15 (1):- . DOI: 10.1186/s13195-023-01166-0. IF: 9. (D1).

ELVIRA HURTADO, MARÍA LORENA, LÓPEZ CUENCA, INÉS, DE HOZ MONTAÑANA, ROSA, Salas, Mario, Sanchez-Puebla, Lidia, Ramirez-Torano, Federico, Matamoros, Jose A., FERNÁNDEZ ALBARRAL, JOSÉ ANTONIO, Rojas, Pilar, Alfonsin, Soraya, DELGADO LOSADA, MARÍA LUISA, RAMÍREZ SEBASTIÁN, ANA ISABEL, SALAZAR CORRAL, JUAN JOSÉ, MAESTU UNTURBE, FERNANDO, GIL GREGORIO, PEDRO, RAMÍREZ SEBASTIÁN, JOSÉ MANUEL, GARCÍA MARTÍN, ELENA SALOBRAR. Alzheimer's disease: a continuum with visual involvements. FRONTIERS IN PSYCHOLOGY. 2023. 14 ():- . DOI: 10.3389/fpsyg.2023.1124830. IF: 3,8. (Q1).

Artzi-Medvedik, Rada, Kob, Robert, Di Rosa, Mirko, Lattanzio, Fabrizia, Corsonello, Andrea, Yehoshua, Ilan, Roller-Wirnsberger, Regina E., Wirnsberger, Gerhard H., Mattace-Raso, Francesco U. S., Tap, Lisanne, GIL GREGORIO, PEDRO, Formiga, Francesc, Moreno-Gonzalez, Rafael, Kostka, Tomasz, Guligowska, Agnieszka, Arnlov, Johan, Carlsson, Axel C., Freiburger, Ellen, Melzer, Itshak, SCOPE Investigators. Quality of Life and Kidney Function in Older Adults: Prospective Data of the SCOPE Study. Journal of Clinical Medicine. 2023. 12 (12):- . DOI: 10.3390/jcm12123959. IF: 3,9. (Q2).

New Non Competitive Funding

ECL.21/099. ENSAYO DE FASE III, ALEATORIZADO, DOBLE CIEGO EN PACIENTES ADULTOS Y ADOLESCENTES CON ESOFAGITIS EOSINOFÍLICA PARA DEMOSTRAR LA SUPERIORIDAD EN COMPARACIÓN CON PLACEBO DE UN TRATAMIENTO OCASIONAL Y/O CONTINUO DE 48 SEMANAS CON COMPRIMIDOS BUCODISPERSABLES DE BUDESONIDA PARA EL MANTENIMIENTO DE UNA REMISIÓN CLÍNICO-HISTOLÓGICA. PI: CIRIZA DE LOS RÍOS, CONSTANZA.

Scientific production

8

Nº of papers
(WoS)

75%⁽⁶⁾

% Open
Access (Nº)

8

Nº of papers
JCR indexed

88%⁽⁷⁾

% Citable
Items (Nº)

57%⁽⁴⁾

Q1 (citable items)

14%⁽¹⁾

D1 (citable items)

34.30

Cumulative IF

4.90

Average IF

OGS.18

Health Care Research

Leading researcher

Ismael Ortuño Soriano

Daniel Muñoz Jiménez

Members

Adoración González Román

Alba María García Cuesta

Ana Belén Sanchez De La Ventana

Ana Belén Solsona Cercós

Angélica Sanchez García

Araceli Faraldo Cabana

Beatriz Rivas Eguia

Beatriz Solas Gómez

Carlos Lorenzo García

Cristina Nieto Martínez

Daniel Menés Medina

Elda Baigorri Ruiz

Encarnación Fernández Del Palacio

Eva Villaseñor Muñoz

Isabel Gaitero García

Jose Ángel González Sánchez

Lucía Orta Galindo

Mª Juliana González Martin

Mª Paloma Posada Moreno

María Alonso Casasus

María Antonio Cubero Perez

María Del Rosario Zamora Arjona

María Dolores Gómez Barriga

María Josefa Rodríguez Machuca

María Montealegre Sanz

María Sanz Guijo

Marina Isabel Sanjurjo Morote

Mª Rosario Caparrós Sanz

Mónica Esther Jesús Tesouro

Nuria Navarro Siguero

Paloma Arenas López

Raquel Valera Monsalve

Rosa María Moreno Rodríguez

Rubén Sánchez Gómez

Sandra López Martín

Sara Gil Useros

Tamara Raquel Velasco Sanz

Verónica Gimeno Hernán



Overview

The "Care Research" group is made up of researchers who work with a common objective: to provide scientific evidence of the efficacy, usefulness and efficiency of nursing care in the areas of interest of adherence to treatments and healthy habits, patient safety and professional, as well as in the use, improvement and development of sanitary products. Specifically, it is made up of several nurses from the care, management and university teaching fields.

Scientific production

12

Nº of papers
(WoS)

83%(10)

% Open
Access (Nº)

10

Nº of papers
JCR indexed

100%(10)

% Citable
Items (Nº)

30%(3)

Q1 (citable items)

30%(2)

D1 (citable items)

35.30

Cumulative IF

3.53

Average IF

Selected Publications

García-Manzanares, María-Elena, LANCHARRO BERMÚDEZ, MARGARITA, Fernandez-Lasquetty-Blanc, Blanca, Hernandez-Martinez, Antonio, Rodriguez-Almagro, Julian, CAPARRÓS SANZ, M^o ROSARIO. Assessment, diagnosis and treatment of peristomal skin lesions by remote imaging: An expert validation study. JOURNAL OF ADVANCED NURSING. 2023. 79 (2):630-640. DOI: 10.1111/jan.15497. IF: 3,8. (D1).

Mateos-Arroyo, Julio Alberto, Zaragoza-Garcia, Ignacio, SÁNCHEZ GÓMEZ, RUBÉN, POSADA MORENO, M^a PALOMA, ORTUÑO SORIANO, ISMAEL. Validation of the Barthel Index as a Predictor of In-Hospital Mortality among COVID-19 Patients. Healthcare. 2023. 11 (9):- DOI: 10.3390/healthcare11091338. IF: 2,8. (Q2).

GIMENO HERNÁN, VERÓNICA, Moreno-Munoz, Guillermo, Meneses-Monroy, Alfonso, FARALDO CABANA, ARACELI, Orgaz-Rivas, Elena, Zaragoza-Garcia, Ignacio, ORTUÑO SORIANO, ISMAEL. Influence of Care on the Prevention of Bacteremia in Hemodialysis: Systematic Review. NEPHROLOGY NURSING JOURNAL. 2023. 50 (4):344-344. DOI: 10.37526/1526-744X.2023.50.4.333. IF: 0,9. (Q4).

Awards

Researcher aware: M^a Dolores Gómez Barriga. Award: Premio VIII Hackathon Salud del reto Novartis. Winning work: Adherencia Terapéutica en Cardiología.

Researcher aware: Ana Belén Sánchez de la Ventana. Award: 10^a Certamen Científico "Ana ^a Martínez". Hospital 12 de Octubre. Madrid. Winning work: Sarampión en España 2010-2017: Estudio Ecológico.

Researcher aware: Encarnación Fernández del Palacio. Award: XV Curso Gestión de Proyectos SEDISA. Winning work: Los nietos como gestores de acceso en la gestión farmacoterapéutica: un modelo afectivo-efectivo.

Researcher aware: Mónica E. Jesús Tesouro. Award: II Edición de los Premios de Investigación del Consejo General de Enfermería. Winning work: Beneficios de una Intervención Educativa Precoz basada en la extracción precoz y vídeos sobre la Lactancia Materna en Prematuros menores de 32 semanas de edad gestacional.

Researcher aware: Verónica Gimeno Hernán. Award: IV International Doctoral Student workshop. INVESTEN.. Winning work: Validación de un modelo predictivo de disfunción de catéteres venosos centrales tunelizados en hemodiálisis.



New Competitive Funding

MJT.CGE.22. BENEFICIOS DE UNA INTERVENCIÓN EDUCATIVA PRECOZ BASADA EN LA EXTRACCIÓN PRECOZ Y VÍDEOS SOBRE LA LACTANCIA MATERNA EN PREMATUROS MENORES DE 32 SEMANAS DE EDAD GESTACIONAL. PI: JESÚS TESOURO, MÓNICA ESTHER. Funding organisation: CONSEJO GENERAL DE ENFERMERÍA.

New Non Competitive Funding

ECL.22/366. BENEFICIOS DE UNA INTERVENCIÓN EDUCATIVA PRECOZ BASADA EN LA EXTRACCIÓN PRECOZ Y VÍDEOS SOBRE LA LACTANCIA MATERNA EN PREMATUROS MENORES DE 32 SEMANAS DE EDAD GESTACIONAL. PI: JESÚS TESOURO, MÓNICA ESTHER.

ECL.22/366. BENEFICIOS DE UNA INTERVENCIÓN EDUCATIVA PRECOZ BASADA EN LA EXTRACCIÓN PRECOZ Y VÍDEOS SOBRE LA LACTANCIA MATERNA EN PREMATUROS MENORES DE 32 SEMANAS DE EDAD GESTACIONAL. PI: ARENAS LÓPEZ, PALOMA.

ECL.22/738. EXPERIENCIA EN EL EMPLEO DE LA Sonda HIDROFÍLICA ONLI EN LA TÉCNICA DEL CATETERISMO INTERMITENTE EN PACIENTES CON RETENCIÓN URINARIA. PI: LORENZO GARCÍA, CARLOS.

Theses Doctorate

Doctoral candidate: Marina Isabel Sanjurjo Morote. Thesis Title: APROXIMACIÓN A LA EXPERIENCIA DEL PACIENTE EN EL PROCESO QUIRÚRGICO: ANÁLISIS DE LAS RELACIONES ENTRE ANSIEDAD, DOLOR Y SATISFACCIÓN. Director(s): Ismael Ortuño Soriano, Encarnación Fernández del Palacio. University: Universidad Complutense de Madrid.

Doctoral candidate: Álvaro Gómez Carrión. Thesis Title: Efecto tridimensional de las cuñas varizantes y valguizantes en escafoides y calcáneo. Director(s): Rubén Sánchez Gómez. University: Universidad Complutense de Madrid.

Technology Transfer

(UCM) Procedimiento y dispositivo para la detección visual del grado de aptitud de una muestra aislada de sangre para su validación en análisis clínicos: Inventor: Ismael ORTUÑO SORIANO, Emilio VARGAS CASTRILLÓN, Leticia Carmen SIMÓN LÓPEZ, María Dolores OCHOA MAZARRO, Sergio LUQUERO BUENO. Fecha Licencia: 30/09/2020.

Care Research. Biosafety, adherence and sanitary product

OGS.19

Epidemiology and Health Services

Leading researcher

Carmen de Burgos Lunar

Members

Agustín Turrero Nogués

Ana Capapé Aguilar

Ana María Humanes Navarro

Aranzazu Lana Gómez

Beatriz Pelaez Ros

Carmen Yolanda Fuentes Rodríguez

Francisco Miguel Tobal

Ignacio Bardón Fernández-Pacheco

Irene Serrano García

Isabel Rita Gómez Parra

Julio César Legido Arce

Karina Davila Merizalde

Mª Covadonga Caso Pita

Mª Mercedes Lucas Barajas

Mª Paz Monleón Herrero

María Carmen Mestre González

María De Los Ángeles Díaz Sotero

María Teresa Alonso Cobo

Mateo Paz Cabezas

Mercedes Galindo Canales

Pilar Martín Escudero

Rafael Sánchez Del Hoyo

Silvia O'Connor Pérez



Overview

In 1992, the REUNI Project (Research Units Network of the National Health System) was created, in order to establish a strategy for organizing resources in the NHS. With the creation of the REUNI network, the Hospital Clínico credited his Unit of Methodological Research Support in 1994, with resources from the Preventive Medicine Service. Since then, the Preventive Medicine research group has worked on facilitating technical support in statistics, research methodology and epidemiology, both in experimental and observational research, to clinical investigators and hospital staff. The Preventive Medicine research group has allowed specialization in these areas and the development of own research lines, such as technology assessment, studies of population epidemiology, experimental research and mathematical modeling for epidemiological patterns.

In 2019 there is a merger of this group with the Sports and Occupational Health groups, integrating into a single line of Epidemiology and Health.

The Health and Safety Occupational Service of H. C. S. C. was formed in 1999. Since its inception the Service has been involved in the research lines of vaccination in adults, vaccination of particular relevance to health workers and other labor groups, and the development of new vaccines.

The Sport group is a multidisciplinary research group that collaborates with COE (Spanish Olympic Committee), AEPSAD (Spanish Agency for Protection of Health in Sport), WADA (World Anti-Doping Agency), etc., in the pursuit of research throughout the sports field.

Scientific production

15

Nº of papers
(WoS)

67%(10)

% Open
Access (Nº)

13

Nº of papers
JCR indexed

85%(11)

% Citable
Items (Nº)

55%(6)

Q1 (citable items)

36.60

Cumulative IF

3.33

Average IF

Selected Publications

Gonzalez Gonzalez, Virginia, RAMIREZ MENA, MARÍA DEL MAR, Calvo Torres, Javier, HERRÁIZ MARTÍNEZ, MIGUEL ÁNGEL, SERRANO GARCÍA, IRENE, CORONADO MARTÍN, PLUVIO JESÚS. Analysis of New Colposcopy Techniques in the Diagnosis and Evolution of SIL/CIN: Comparison of Colposcopy with the DSI System (COLPO-DSI Study). *Journal of Personalized Medicine*. 2023. 13 (11). DOI: 10.3390/jpm13111605. IF: 3. (Q1).

FREUNDT SERPA, NATALIA PATRICIA, Salas-Cassinello, M, GONZALO FERNÁNDEZ, ALEJANDRO, Marchan-Pinedo, N, Dona, I, SERRANO GARCÍA, IRENE, Humanes-Navarro, A M, Bogas, G, Labella, M, SANCHEZ MORILLAS, LETICIA, Torres, M J, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Deconstructing adverse reactions to Amoxicillin-Clavulanic Acid: the importance of time of onset.. *Journal of investigational allergology & clinical immunology*. 2023. DOI: 10.18176/jiaci.0896. IF: 6,1. (Q1).

BENGOA TERRERO, CHRISTIAN, Bas Villalobos, Marían, Pastor Rodríguez-Monino, Ana, Lasheras Carbajo, María Dolores, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, Fernandez Perez, Cristina, Garcia Torrent, María Jesus, SÁNCHEZ DEL HOYO, RAFAEL, Garcia Lledo, Alberto. Increasing Influenza Vaccination in Primary Healthcare Workers Using Solidary Incentives: Analysis of Efficacy and Costs. *Vaccines*. 2023. 11 (3):- . DOI: 10.3390/vaccines11030557. IF: 5,2. (Q1).

New Non Competitive Funding

ECL.23/319 (B). ESTUDIO DE FASE 2B, ALEATORIZADO, CONTROLADO Y ABIERTO PARA EVALUAR LA RESPUESTA INMUNITARIA Y LA SEGURIDAD DE LA VACUNA EN INVESTIGACIÓN RSV-PREF3 OA EN ADULTOS (≥50 AÑOS DE EDAD) CUANDO SE ADMINISTRA A RECEPTORES DE TRASPLANTE PULMONAR Y RENAL COMPARANDO 1 FRENTE A 2 DOSIS Y EN COMPARACIÓN CON SUJETOS SANOS (≥50 AÑOS DE EDAD) QUE RECIBEN 1 DOSIS COMO CONTROL. A PHASE 2B, RANDOMIZED, CONTROLLED, OPEN-LABEL STUDY TO EVALUATE THE IMMUNE RESPONSE AND SAFETY OF THE RSV-PREF3 OA INVESTIGATIONAL VACCINE IN ADULTS (≥50 YEARS OF AGE) WHEN ADMINISTERED TO LUNG AND RENAL TRANSPLANT RECIPIENTS COMPARING 1 VERSUS 2 DOSES AND COMPARED TO HEALTHY CONTROLS (≥50 YEARS OF AGE) RECEIVING 1 DOSE. PI: BARDÓN FERNÁNDEZ-PACHECO, IGNACIO.

OGS.22

Contemporary Physiotherapy Research (InPhysio)

Leading researcher

Gustavo Plaza Manzano

Members

Emma Cabezas Moreno

Ibai López De Uralde Villanueva

José Calvo Paniagua

José María Pérez Redondo

Juan Antonio Valera Calero

Marcos José Navarro Santana

María José Díaz Arribas

Pablo García Fernández

Patricia Martín Casas



Overview

The research group in Contemporary Physiotherapy (InPhysio) is composed of physiotherapists dedicated to generating new knowledge in various fields of physiotherapy, as well as to the clinical care of patients and the training of future clinicians and researchers, ranging from the integration of the neuroscience of pain and musculoskeletal dysfunction with the clinical aspects of musculoskeletal physiotherapy treatment, to the care of patients with neurological, cardiorespiratory and persistent COVID diseases.

Scientific production

30

Nº of papers (WoS)

73% (22)

% Open Access (Nº)

30

Nº of papers JCR indexed

100% (30)

% Citable Items (Nº)

57% (17)

Q1 (citable items)

8% (2)

D1 (citable items)

85.45

Cumulative IF

2.85

Average IF

Selected Publications

DEL CORRAL NUÑEZ-FLORES, TAMARA, Fabero-Garridob, Raul, PLAZA MANZANO, GUSTAVO, Fernandez-de-las-Penas, Cesar, Navarro-Santana, Marcos, LÓPEZ DE URALDE VILLANUEVA, IBAI. Home-based respiratory muscle training on quality of life and exercise tolerance in long-term post-COVID-19: Randomized controlled trial. *Annals of Physical and Rehabilitation Medicine*. 2023. 66 (1). DOI: 10.1016/j.rehab.2022.101709. IF: 3,9. (D1).

VALERA CALERO, JUAN ANTONIO, NAVARRO SANTANA, MARCOS JOSÉ, Fernandez-de-las-Penas, Cesar, Varol, Umut, LÓPEZ DE URALDE VILLANUEVA, IBAI, Rodríguez-Lopez, Elena Sonsoles, PLAZA MANZANO, GUSTAVO. Inclusion of cross-sectional and radiological images for better understanding of musculoskeletal anatomy and decreasing the risk of adverse events during dry needling in undergraduate physiotherapy students. *ANATOMICAL SCIENCES EDUCATION*. 2023. 16 (3):521-530. DOI: 10.1002/ase.2251. IF: 5,2. (D1).

DEL CORRAL NUÑEZ-FLORES, TAMARA, Fabero-Garrido, Raul, PLAZA MANZANO, GUSTAVO, NAVARRO SANTANA, MARCOS JOSÉ, Fernandez-de-las-Penas, Cesar, LÓPEZ DE URALDE VILLANUEVA, IBAI. Minimal Clinically Important Differences in EQ-5D-5L Index and VAS after a Respiratory Muscle Training Program in Individuals Experiencing Long-Term Post-COVID-19 Symptoms. *Biomedicines*. 2023. 11 (9). DOI: 10.3390/biomedicines11092522. IF: 3,9. (Q1).

Awards

Researcher aware: Patricia Martín Casas, Ibai López-de-Uralde Villanueva. Award: VII Premio de Investigación del Colegio Oficial de Enfermería de Madrid. Winning work: Validación española del cuestionario Empowerment of Parents in the Intensive Care-Neonatology (EMPATH-IC-N).

Researcher aware: Tamara del Corral Nuñez-Flores y col. Award: 2023 Premio a la Mejor Publicación del Colegio Profesional de Fisioterapeutas de la Comunidad de Madrid. Winning work: Del Corral T, Fabero-Garrido R, Plaza-Manzano G, Fernández-de-Las-Peñas C, Navarro-Santana M, López-de-Uralde-Villanueva I. Home-based respiratory muscle training on quality of life and exercise tolerance in long-term post-COVID-19: Randomized controlled trial. *Ann Phys Rehabil Med*. 2023 Feb;66(1):101709. Doi: 10.1016/j.rehab.2022.101709.

Theses Doctorale

Doctoral candidate: José Javier López Marcos. Thesis Title: Efectividad del ejercicio terapéutico controlado por una App con supervisión presencial de fisioterapia en dolor lumbar crónico. Director(s): María José Díaz Arribas, Gustavo Plaza Manzano. University: Universidad Complutense de Madrid.

Doctoral candidate: Guido Fabián Gómez Chiguano. Thesis Title: Efectividad de la electrolisis percutánea ecoguiada para el dolor musculoesquelético: una revisión sistemática y metaanálisis. Director(s): Ricardo Ortega Santiago, Gustavo Plaza Manzano. University: UNIVERSIDAD REY JUAN CARLOS.

Technology Transfer

Utility model (UCM): Instrumento de graduación y cegamiento para dispositivo de entrenamiento de la musculatura respiratoria. Ibai López De Uralde Villanueva; Alberto García Muntión; Tamara Del Corral Nuñez-Flores; Gustavo Plaza Manzano. Date of application: 03/02/2023. Date of granting: 27/07/2023.

OGS.23

The Digestive System

Leading researcher

Enrique Rey Díaz-Rubio

Members

Ángel Álvarez Sánchez

Blanca Serrano Falcon

Carlos Taxonera Samsó

Carmen Poves Frances

Francisca Cuenca Alarcón

Juan Luis Mendoza Hernández

M^a Concepción Sevilla Mantilla

María José Devesa Medina

María Luz Del Castillo González

Miguel Ángel García Brenes

Natalia López Palacios

Overview

The Digestive System research group is focused on the research of diseases of the digestive system in epidemiological and clinical aspects, as well as in pathogenetic and pathophysiological aspects. The group's research focuses on:

Knowing the impact of digestive functional disorders and GERD on our society and in the clinic, looking for factors associated with the suffering of these diseases and improving the diagnosis and therapeutic management in clinical practice.

Genetic factors related to the natural history and response to treatment in viral hepatitis and in the pathogenic, pathophysiologic, clinical, diagnostic and therapeutic aspects of liver disease.

The study of inflammatory bowel diseases (in collaboration with the Clinical Immunology Services and Radiodiagnosis: identification of susceptibility polymorphisms, epidemiology, use of radiological tests, implementation of enteroRm as a technique in the diagnosis and therapeutic management in Crohn's Disease and treatment response studies).

Motor activity of the digestive system: physiological studies, new methods and diagnostic techniques, genetics of diseases presenting with gastrointestinal motor disorders, assessment of therapeutic alternative techniques.

Scientific production

12

Nº of papers
(WoS)

8%⁽¹⁾

% Open
Access (Nº)

12

Nº of papers
JCR indexed

17%⁽²⁾

% Citable
Items (Nº)

50%⁽¹⁾

Q1 (citable items)

50%⁽¹⁾

D1 (citable items)

12.80

Cumulative IF

6.40

Average IF

Selected Publications

TAXONERA SAMSÓ, CARLOS, OLIVARES QUINTANAR, DAVID, Lopez-Garcia, Olga N. N., ALBA LÓPEZ, CRISTINA. Meta-analysis: Real-world effectiveness and safety of ustekinumab in patients with ulcerative colitis. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2023. 57 (6):610-619. DOI: 10.1111/apt.17386. IF: 7,6. (D1).

Montero-Calle, Ana, Garranzo-Asensio, María, Torrente-Rodriguez, Rebeca M., Montiel, Victor Ruiz-Valdepenas, POVES FRANCES, CARMEN, DZIAKOVA, JANA, Sanz, Rodrigo, DIAZ DEL ARCO, CRISTINA, PINGARRON CARRAZON, JOSE MANUEL, FERNANDEZ ACEÑERO, MARÍA JESUS, CAMPUZANO RUIZ, SUSANA, Barderas, Rodrigo. p53 and p63 Proteoforms Derived from Alternative Splicing Possess Differential Seroreactivity in Colorectal Cancer with Distinct Diagnostic Ability from the CaNonical Proteins. Cancers. 2023. 15 (7):- . DOI: 10.3390/cancers15072102. IF: 5,2. (Q2).

New Competitive Funding

ECL.22/361. ESTUDIO INTERNACIONAL, PROSPECTIVO Y OBSERVACIONAL DE PACIENTES CON ENFERMEDADES INFLAMATORIAS CRÓNICAS, PARA EVALUAR FACTORES DE PERSISTENCIA A 12 MESES DESPUÉS DE CAMBIAR A UN BIOSIMILAR DEL ADALIMUMAB, IDACIO®, EN UN ENTORNO REAL AN INTERNATIONAL, PROSPECTIVE, OBSERVATIONAL STUDY OF PATIENTS WITH CHRONIC INFLAMMATORY DISEASES, TO ASSESS 12-MONTHS PERSISTENCE DRIVERS AFTER SWITCHING TO AN ADALIMUMAB BIOSIMILAR, IDACIO®, IN A REAL WORLD SETTING THE IDEA STUDY: A BIOSIMILAR OF ADALIMUMAB, AN EUROPEAN EVALUATION. PI: TAXONERA SAMSÓ, CARLOS.

ECL.22/361. ESTUDIO INTERNACIONAL, PROSPECTIVO Y OBSERVACIONAL DE PACIENTES CON ENFERMEDADES INFLAMATORIAS CRÓNICAS, PARA EVALUAR FACTORES DE PERSISTENCIA A 12 MESES DESPUÉS DE CAMBIAR A UN BIOSIMILAR DEL ADALIMUMAB, IDACIO®, EN UN ENTORNO REAL AN INTERNATIONAL, PROSPECTIVE, OBSERVATIONAL STUDY OF PATIENTS WITH CHRONIC INFLAMMATORY DISEASES, TO ASSESS 12-MONTHS PERSISTENCE DRIVERS AFTER SWITCHING TO AN ADALIMUMAB BIOSIMILAR, IDACIO®, IN A REAL WORLD SETTING THE IDEA STUDY: A BIOSIMILAR OF ADALIMUMAB, AN EUROPEAN EVALUATION. PI: REY DÍAZ-RUBIO, ENRIQUE.

OGS.24

Hematology

Leading researcher

Celina Benavente Cuesta

Fernando Ataúlfo González Fernández

Members

Alejandro Manuel Bobes

Alexandra C. Pedraza

Dennisse Sharon Toral Ibarra

Eduardo Anguita Mandly

Eloy Del Potro Gómez

Erika Coria Ramírez

Estefanía Bolaños Calderon

Isabel Saez Serrano

Laura Huerta Pantoja

María Del Carmen Vicente Ayuso

María García Roa

María Paz Martín Hernández

Marta Mateo Morales

Marta Molina Pérez

Marta Polo Zarzuela

Miguel Gómez Álvarez

Milton Eduardo Salazar Hidalgo

Paloma Ropero Gradilla

Purificación Pérez Martínez

Rafael Benigno Martínez Martínez

Rafael López Del Amo

Roberto Trelles Martínez

Rosa María Tarradas Valero

Sara Ferrer Benito

Silvia Escribano Serrat

Sofía Álvarez Galeano



Overview

Our group has more than two decades of research in the field of hematology, two line paths have been developed:

- Oncohematologic molecular and cellular study.
- Erythropathology.

Basic studies of globin locus have also been conducted in the field of epigenetics, regulatory elements in cis with “knock-out” mice, and transcription factors.

Scientific production

19

Nº of papers
(WoS)

63% (12)

% Open
Access (Nº)

19

Nº of papers
JCR indexed

63% (12)

% Citable
Items (Nº)

33% (4)

Q1 (citable items)

8% (1)

D1 (citable items)

90.50

Cumulative IF

7.54

Average IF

Selected Publications

ROPERO GRADILLA, PALOMA, María Raya, Jose, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Rochas, Sara, FERRER BENITO, SARA, MARTÍNEZ NIETO, JORGE, Martin-Santos, Taida, Barrios, Marcelo, Errez-Murillo, Lorena Guti, Villegas, Ana, BENAVENTE CUESTA, CELINA. Hb Nivaria: A New Hemoglobin Variant with a Shortened a-Globin Chain [a139(HC1)LysfiStop;<i> c.418A>T]. Hemoglobin. 2023. DOI: 10.1080/03630269.2023.2172430. IF: 1. (Q4).

Abumayyaleh, Mohammad, NÚÑEZ GIL, IVÁN JAVIER, Viana-LLamas, María C., Roubin, Sergio Raposeiras, Romero, Rodolfo, Alfonso-Rodriguez, Emilio, Uribarri, Aitor, FELTES GUZMÁN, GISELA ILEANA, Becerra-Munoz, Victor Manuel, Santoro, Francesco, Pepe, Martino, Castro Mejia, Alex Fernando, Signes-Costa, Jaime, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Marin, Francisco, Lopez-Pais, Javier, Manzone, Edoardo, Cancela, Olalla Vazquez, Paeres, Carolina Espejo, Masjuan, Alvaro Lopez, Velicki, Lazar, Weiss, Christel, Chipayo, David, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, El-Battrawy, Ibrahim, Akin, Ibrahim, COVID-19 Investigators. Post-COVID-19 syndrome and diabetes mellitus: a propensity-matched analysis of the International HOPE-II COVID-19 Registry. *Frontiers in endocrinology*. 2023. 14 (-):-. DOI: 10.3389/fendo.2023.1167087. IF: 5,2. (Q1).

Burgos, Leire, Tamariz-Amador, Luis-Esteban, Puig, Noemi, Cedena, María-Teresa, Guerrero, Camila, Jelinek, Tomas, Johnson, Sarah, Milani, Paolo, Cordon, Lourdes J., Perez, Jose, Lasa, Marta, Termini, Rosalinda, Oriol, Albert, Hernandez, Miguel-Teodoro, Palomera, Luis, MARTINEZ MARTINEZ, RAFAEL BENIGNO, de la Rubia, Javier, de Arriba, Felipe, Rios, Rafael, Gonzalez, María-Esther, Gironella, Mercedes, Cabanas, Valentin, Casanova, María, Krsnik, Isabel, Perez-Montana, Albert, Gonzalez-Calle, Veronica, Rodriguez-Otero, Paula, Maisnar, Vladimir, Hajek, Roman, Van Rhee, Fritz, Jimenez-Zepeda, Victor, Palladini, Giovanni, Merlini, Giampaolo, Orfao, Alberto, de la Cruz, Javier, Martinez-Lopez, Joaquin, Lahuerta, Juan-Jose, Rosinol, Laura, Blade, Joan, Mateos, María-Victoria F., San-Miguel, Jesus, Paiva, Bruno, PETHEMA GEM Cooperative Grp. Definition and Clinical Significance of the Monoclonal Gammopathy of Undetermined Significance-Like Phenotype in Patients With Monoclonal Gammopathies. *JOURNAL OF CLINICAL ONCOLOGY*. 2023. 41 (16):3019-. DOI: 10.1200/JCO.22.01916. IF: 45,3. (D1).

New Competitive Funding

PMPTA22/00101. ALMA. Inteligencia Artificial para diagnóstico, tratamiento y pronóstico de enfermedades hematológicas. PI: BENAVENTE CUESTA, CELINA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

New Non Competitive Funding

ECL.23/476. ALMA: INTELIGENCIA ARTIFICIAL PARA DIAGNÓSTICO, TRATAMIENTO Y PRONÓSTICO DE ENFERMEDADES HEMATOLÓGICAS. PI: BENAVENTE CUESTA, CELINA.

ECL.20/087. CINETICA DE LA ACTIVIDAD DE ADAMTS13 DURANTE EL TRATAMIENTO Y EL SEGUIMIENTO DE PACIENTES CON PURPURA TROMBOTICA TROMBOCITOPENICA. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.22/219. EFICACIA Y SEGURIDAD DE M281 EN ADULTOS CON ANEMIA HEMOLÍTICA AUTOINMUNITARIA POR ANTICUERPOS CALIENTES: ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO CON UNA EXTENSIÓN DE LARGO PLAZO ABIERTA. PI: SAEZ SERRANO, ISABEL.

ECL.22/214. GEM21MENOS65. ENSAYO DE FASE III EN PACIENTES CON MMND CANDIDATOS A TACM PARA COMPARAR VRD EXTENDIDO HASTA 18 CICLOS MÁS INTERVENCIÓN TEMPRANA DE RESCATE VS. ISATUXIMAB-VRD VS. ISATUXIMAB-V-IBERDOMIDA-D GEM21MENOS65. A PHASE III TRIAL FOR NDMM PATIENTS WHO ARE CANDIDATES FOR ASCT COMPARING EXTENDED VRD PLUS EARLY RESCUE INTERVENTION VS ISATUXIMAB-VRD VS ISATUXIMAB-V-IBERDOMIDE-D. PI: BENAVENTE CUESTA, CELINA.

ECL.21/471. PRECONDICIONAMIENTO ISQUÉMICO REMOTO EN PACIENTES CON LINFOMA QUE RECIBEN ANTRACICLINAS. REMOTE ISCHEMIC CONDITIONING IN LYMPHOMA PATIENTS RECEIVING ANTHRACYCLINES. RESILIENCE RANDOMIZED CLINICAL TRIAL. PI: BENAVENTE CUESTA, CELINA.

Doctorate Theses

Doctoral candidate: Roberto Oswaldo Trelles Martínez. Thesis Title: MEDICINA DE PRECISION EN HEMATOLOGIA: INTELIGENCIA ARTIFICIAL PARA EL DIAGNOSTICO DIFERENCIAL DE ANEMIAS. Director(s): F. ATAÚLFO GONZÁLEZ FERNÁNDEZ. University: Universidad Complutense de Madrid.

OGS.25

Pathology of Emergency

Leading researcher

Francisco Javier Martín Sánchez

Members

Alejandra Ortega Duarte

Ana María Mañas Hernández

Antonio Trino Salto Ariza

Cesáreo Fernández Alonso

David Chaparro Pardo

Eduardo Solís Vaquero

Éric Jorge García Lamberechts

Esther Rodríguez Adrada

Francisco Javier Candel González

Irene García España

Jaime Antonio Abelaira Freire

Jose Antonio Bustamante Mandrión

José Luis Fernández Rueda

José María Leal Pozuelo

Juan Jorge González Armengol

Juan María González Del Castillo

Laura Galvan Herraiz

María De Los Ángeles Cuadrado Cenual

María Dolores Ortega De Heredia

María Reinales Sánchez

Miguel Ángel García Briñon

Pedro Villarroel González-Elipe

Victor Hernandez Martin-Romo

Overview

- Determining the epidemiology of the most prevalent diseases.
- Developing research on common diseases in emergencies.
- Growing up in the research dissemination.
- Training of doctors and nurses related to the field of emergency.
- Improving the management, safety and quality evaluation in the emergency department.
- Improving communication with patients.
- Enhancing collaboration with other medical and surgical services from HCSC, both in educational and research aspects
- Formalizing strategic alliances with other emergency services, both in and out of the hospital.

Scientific production

68

Nº of papers
(WoS)

57% (39)

% Open
Access (Nº)

65

Nº of papers
JCR indexed

78% (51)

% Citable
Items (Nº)

51% (26)

Q1 (citable items)

24% (12)

D1 (citable items)

185.60

Cumulative IF

3.71

Average IF

Selected Publications

Porta, Camilla, Houshmand, Hiran, Povero, Massimiliano, Pradelli, Lorenzo, Monterosso, Filippo, Pinciroli, Matteo, Schuetze, Tabea, Kirsch, Stefan, GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Benefits of MR-proADM-guided decision-making in the emergency department: clinical and economic evaluation in Italy, Germany, Spain, and the UK. *Journal of Medical Economics*. 2023. 26 (1):826-834. DOI: 10.1080/13696998.2023.2225354. IF: 2,9. (D1).

Miro, Oscar, Llorens, Pere, Gil, Victor, Lopez Diez, María Pilar, Jacob, Javier, Herrero, Pablo, Llauger, Lluís, Tost, Josep, Aguirre, Alfons, Bibiano, Carlos, Fuentes, Marta, Lopez Grima, María Luisa, Romero, Rodolfo, Martín Mojarro, Enrique, Alquezar Arbe, Aitor, Alonso, Hector, MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Decisions to admit vs. discharge patients with acute heart failure from the emergency department: consistency with a measure of severity of decompensation and the impact on prognosis. *EMERGENCIAS*. 2023. 35 (4):261-269. DOI: 10.55633/s3me/E041.2023. IF: 5,4. (D1).

Miro, Oscar, Gil-Rodrigo, Adriana, Garcia-Martinez, Ana, Aguilo, Sira, Alemany, Xavier, Nickel, Christian H., Jacob, Javier, Llorens, Pere, Herrero, Pablo, Torres-Machado, Victoria, Cenjor, Raquel, Coll-Vinent, Blanca, Martinez-Nadal, Gemma, LÁZARO DEL NOGAL, MONTSERRAT, Peacock, Frank, MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Sex differences in mortality of older adults with falls after emergency department consultation: FALL-ER registry. *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*. 2023. 71 (9):2715-2725. DOI: 10.1111/jgs.18401. IF: 4,3. (D1).

Clinical Practical Guidelines

Julian-Jimenez, Agustin, Antonio Gorordo-Delsol, Luis, Merinos-Sanchez, Graciela, Armando Santillan-Santos, Diego, Rosas Romero, Fabian Andres, Sanchez Arreola, Daniel, Lopez Tapia, Jesus Daniel, Vazquez Lima, Manuel Jose, Eduardo Garcia, Dario, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, Menendez, Edgardo, Pinera Salmeron, Pascual, CANDEL GONZÁLEZ, FRANCISCO JAVIER, Rubio Diaz, Rafael, Juarez Gonzalez, Ricardo. The Guadalajara Declaration on sepsis: emergency physicians' constructive comments on the Surviving Sepsis Campaign's 2021 updated guidelines. *Emergencias*. 2023. SANIDAD EDICIONES.

New Non Competitive Funding

ECL.22/615. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE GS-5245 EN EL TRATAMIENTO DE COVID-19 EN PARTICIPANTES CON ALTO RIESGO DE PROGRESION DE LA ENFERMEDAD. A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE EFFICACY AND SAFETY OF GS-5245 FOR THE TREATMENT OF COVID-19 IN PARTICIPANTS WITH HIGH-RISK FOR DISEASE PROGRESSION. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA.

OGS.27

The Interdisciplinary Study Group of Diabetic Foot

Leading researcher

José Luis Lázaro Martínez

Members

Aroa Tardáguila García

Carmen Blasco Fanlo

Elpidio Calvo Manuel

Esther Alicia García Morales

Francisco Javier Álvaro Afonso

Irene Sanz Corbalan

José Luis García Klepzig

Juan Vicente Beneit Montesinos Del Olmo

María Del Carmen García Carrión

Marta García-Madrid Martín De Almagro

Mateo López Moral

Raúl Juan Molines Barroso

Yolanda García Álvarez



Overview

Diabetic foot is one of the most prevalent complications associated with Diabetes Mellitus, approximately 15-25% of diabetics suffer some form of ulceration throughout their life, and can lead to 80% of Non-traumatic amputations in our hospital. In Europe, the cost of an amputation is about 24,000 € only in direct costs, and a foot ulcer, during a 12 month active process, represents an expenditure of approximately € 22,000 per patient.

On the other hand, the high rate of lesion recurrence (around 60% in our country), and the high mortality associated with these patients, makes the diabetic foot an important problem of the health community with an impact in health, society and economy. The goal is to attend these patients and reduce the existing ulceration and re-ulceration rates, associated with Diabetes Mellitus, and therefore the number of amputations related to diabetic foot. The Interdisciplinary Study Group of Diabetic Foot of the Universidad Complutense in Madrid, consists of interdisciplinary university professors that complement and increase the fruits of their research and innovation in the Diabetic Foot Unit, of the Podiatry University Clinic at UCM. Their main corporate objective is education, prevention and rehabilitation of patients with Diabetes Mellitus, designed to minimize the possible effects of this disease on the health of their feet. To this end, our group develops research lines around Diabetic Foot in the preventive, diagnostic, therapeutic and rehabilitation framework, contributing to the excellence and development of patients care.

Scientific production

21

Nº of papers (WoS)

76% (16)

% Open Access (Nº)

21

Nº of papers JCR indexed

95% (20)

% Citable Items (Nº)

30% (6)

Q1 (citable items)

5% (1)

D1 (citable items)

79.10

Cumulative IF

3.95

Average IF

Selected Publications

ÁLVARO AFONSO, FRANCISCO JAVIER, GARCÍA ÁLVAREZ, YOLANDA, TARDÁGUILA GARCÍA, AROA, Garcia-Madrid, Marta, Lopez-Moral, Mateo, LÁZARO MARTÍNEZ, JOSÉ LUIS. Bacterial Diversity and Antibiotic Resistance in Patients with Diabetic Foot Osteomyelitis. *ANTIBIOTICS-BASEL*. 2023. 12 (2):- DOI: 10.3390/antibiotics12020212. IF: 4,8. (Q1).

Navarro-Perez, David, TARDÁGUILA GARCÍA, AROA, Garcia-Oreja, Sara, LÓPEZ MORAL, MATEO, Garcia-Madrid, Marta, LÁZARO MARTÍNEZ, JOSÉ LUIS. Onychomycosis associated with diabetic foot syndrome: A systematic review. *Mycoses*. 2023. 66 (6):459-466. DOI: 10.1111/myc.13577. IF: 4,9. (Q1). Navarro-Perez, David, Garcia-Oreja, Sara, TARDÁGUILA GARCÍA, AROA, Leon-Herce, Diego, ÁLVARO AFONSO, FRANCISCO JAVIER, LÁZARO MARTÍNEZ, JOSÉ LUIS. Microbiological culture combined with PCR for the diagnosis of onychomycosis: Descriptive analysis of 121 patients. *Mycoses*. 2023. 66 (12):1045-1049. DOI: 10.1111/myc.13648. IF: 4,9. (Q1).

Garcia-Oreja, Sara, Javier Alvaro-Afonso, Francisco, GARCÍA-MADRID MARTÍN DE ALMAGRO, MARTA, LÓPEZ MORAL, MATEO, GARCÍA ÁLVAREZ, YOLANDA, LÁZARO MARTÍNEZ, JOSÉ LUIS. Cryotherapy versus topical nitric-zinc complex solution for the treatment of plantar warts: A randomized controlled trial. *JOURNAL OF MEDICAL VIROLOGY*. 2023. 95 (11):- DOI: 10.1002/jmv.29212. IF: 12,7. (D1).

Awards

Researcher aware: JOSÉ LUIS LÁZARO MARTÍNEZ. Award: 11TH ANNUAL PAUL BRAND MEMORIAL LECTURE. DESERT FOOT 2023. Winning work: "Multidisciplinary Wound Care, Surgical, and Limb Salvage Conference.

Researcher aware: JOSÉ LUIS LÁZARO MARTÍNEZ. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: ESTHER GARCÍA MORALES. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: YOLANDA GARCÍA ÁLVAREZ. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: FRANCISCO JAVIER ÁLVARO AFONSO. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: RAÚL JUAN MOLINES BARROSO. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: IRENE SANZ CORBALÁN. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: AROA TARDÁGUILA GARCÍA. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: MATEO LÓPEZ MORAL. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

Researcher aware: MARTA GARCIA-MADRID MARTÍN DE ALMAGRO. Award: MENCIÓN HONORÍFICA POR INVESTIGACIÓN, PUBLICACIONES Y ARTÍCULOS DE PODOLOGÍA ALTO IMPACTO.

New Non Competitive Funding

ECL.23/440. ESTUDIO DE FASE 3, MULTICÉNTRICO, ALEATORIZADO Y DOBLE CIEGO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE CONTEZOLID ACEFOSAMIL Y CONTEZOLID EN COMPARACIÓN CON LINEZOLID ADMINISTRADOS POR VÍA INTRAVENOSA Y ORAL A ADULTOS CON INFECCIONES MODERADAS O GRAVES DEL PIE DIABÉTICO. A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND STUDY TO EVALUATE THE SAFETY AND EFFICACY OF CONTEZOLID ACEFOSAMIL AND CONTEZOLID COMPARED TO LINEZOLID ADMINISTERED INTRAVENOUSLY AND ORALLY TO ADULTS WITH MODERATE OR SEVERE DIABETIC FOOT INFECTIONS. PI: GARCÍA KLEPZIG, JOSÉ LUIS.



Impact of Diabetes on the foot

OGS.29

Socioeconomic Health Determinants

Leading researcher

Enrique Regidor Poyatos (until dic/23)

José Pulido Manzanero

Members

Carolina Del Valle Giráldez García

Lucía Cea Soriano

Cruz Pascual Nobajas

María Elisa Calle Purón

David Martínez Hernández

Paloma Astasio Arbiza

Juana María Santos Sancho

Paloma Ortega Molina



Overview

The group's activities began at the end of last century's decade, and during the call for the creation of research groups at the Universidad Complutense de Madrid in 2006, it obtained the formal recognition by the Office of Research.

The overall objectives of the group are:

- 1) the study of the relationship of various factors of the social and economic environment with the emergence of health problems and prognosis of chronic diseases,
- 2) the study of the relationship of the birthplace with the emergence of health problems and prognosis of chronic diseases in the Spanish population,
- 3) the proposal and testing of hypotheses that explain these relationships and
- 4) the evaluation of health interventions aimed at reducing the burden of health problems in the whole population, and in different socioeconomic subgroups.

Factors related with health problems are under investigation with the socioeconomic status of individuals, the socioeconomic environment of the area of residence, and the immigrant versus local status. The evaluated interventions are those that seek to minimize the prevalence of risk behaviors to health.

Selected Publications

Perez-Romero, Cesar, Barrio, Gregorio, Hoyos, Juan, Belza, María J., REGIDOR POYATOS, ENRIQUE, Donat, Marta, Politi, Julieta, Guerras, Juan Miguel, Pulido, Jose. Abrupt peaks in perceived risk of occasional drug use after changing the question order in a repeated self-administered survey. *Frontiers In Public Health*. 2023. 11 (-):-. DOI: 10.3389/fpubh.2023.971239. IF: 5,2. (Q1).

Donat, Marta, REGIDOR POYATOS, ENRIQUE, Barrio, Gregorio, Ambrosio, Emilio, Sordo, Luis, Guerras, Juan Miguel, Politi, Julieta, Belza, María J.. Increase in educational inequalities in alcohol-related mortality in Spain during a period of economic growth. *Addiction*. 2023. 118 (10):1920-1931. DOI: 10.1111/add.16264. IF: 6. (D1).

Perez-Romero, Cesar, Barrio, Gregorio, Donat, Marta, Moreno, Almudena, Guerras, Juan-Miguel, Pulido, Jose, Belza, María-Jose, REGIDOR POYATOS, ENRIQUE. Heavy Drinking by Occupation in Spain: Differences Between Weekdays and the Weekend. *JOURNAL OF COMMUNITY HEALTH*. 2023. (-):-. DOI: 10.1007/s10900-023-01288-4. IF: 5,9. (D1).

Scientific production

3

Nº of papers (WoS)

33%⁽¹⁾

% Open Access (Nº)

3

Nº of papers JCR indexed

100%⁽³⁾

% Citable Items (Nº)

100%⁽³⁾

Q1 (citable items)

67%⁽²⁾

D1 (citable items)

17.10

Cumulative IF

5.70

Average IF

OGS.30

AFUSAN

Leading researcher

Juana Benedí Gonzalez

Members

Adrián Macho González

Alba Garcimartín Álvarez

Aránzazu Bocanegra De Juana

Elvira López-Oliva Muñoz

Francisco José Sánchez Muniz

Jorge Arturo Santos López

Miguel Vázquez Velasco

Paloma Celada Rodríguez

Sara Bastida Codina

Sofía Rodenas De La Rocha



Overview

The research group was created in 1992, responding to the UCM call for training and research groups in this scientific field. Members of the group teach various subjects in Bachelor Degrees and Degrees in Pharmacy, Human Nutrition and Dietetics, as well as in Science and Food Technology. The group is also involved in the postgraduate teaching of the PhD program in Nutrition, and in the Master program in Pharmaceutical Sciences, in subjects such as Nutrition, Cardiovascular Diseases and Functional Nutrition and nutrigenomics, and personalized nutrition.

Selected Publications

Redondo-Castillejo, Rocio, GARCIMARTÍN ÁLVAREZ, ALBA, Hernandez-Martin, Marina, LÓPEZ-OLIVA MUÑOZ, ELVIRA, BOCANEGRA DE JUANA, ARÁNZAZU, MACHO GONZALEZ, ADRIAN, BASTIDA CODINA, SARA, BENEDÍ GONZALEZ, JUANA, Sanchez-Muniz, Francisco J.. Proanthocyanidins: Impact on Gut Microbiota and Intestinal Action Mechanisms in the Prevention and Treatment of Metabolic Syndrome. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2023. 24 (6). DOI: 10.3390/ijms24065369. IF: 5,6. (Q1).

Garcia-Diez, Esther, LÓPEZ-OLIVA MUÑOZ, ELVIRA, Perez-Vizcaino, Francisco, Perez-Jimenez, Jara, Ramos, Sonia, Martín, María Angeles. Dietary Supplementation with a Cocoa-Carob Blend Modulates Gut Microbiota and Prevents Intestinal Oxidative Stress and Barrier Dysfunction in Zucker Diabetic Rats. ANTIOXIDANTS. 2023. 12 (8). DOI: 10.3390/antiox12081519. IF: 7. (D1).

Scientific production

3

Nº of papers
(WoS)

100%(3)

% Open
Access (Nº)

3

Nº of papers
JCR indexed

100%(3)

% Citable
Items (Nº)

67%(2)

Q1 (citable items)

33%(1)

D1 (citable items)

13.80

Cumulative IF

4.60

Average IF

OGS.33

Chronobiological Molecular Mechanisms

Leading researcher

María del Pilar Fernández Mateos

Vanessa Jiménez Ortega

Members

Ana Isabel Esquifino Parras

María Juliana Perez De Miguelsanz

Leire Virto

María Pilar Cano Barquilla

Red de
Mentoring
de España



Overview

The research group studies the chronobiological oscillations in different genetic, metabolic, neuronal, endocrine and immunological biomarkers. The study of circadian rhythms allows the application of basic science to health problems. These biological rhythms and the clock genes underlying them are modified under different situations, such as nutritional disorders, aging or inflammatory diseases, all of which act as a metabolic disruptor. In recent years, the research group has developed different experimental lines: 1) Histophysiology of adipose tissue as an endocrine organ and its functional alterations derived from the quality and quantity of the diet intake (Obesity, eating disorders). 2) Disruptive effect of alcohol abuse (Addictions). 3) Disruptive effect of the existence of inflammatory diseases with systemic effect (e.g. periodontal disease). Taking into account that chronomedicine uses circadian variations as part of the diagnosis and treatment of some pathologies, experimental models allow us to study the interaction between the circadian system and metabolism, in order to obtain useful information for the prevention of these disorders by using chronobiotic molecules to synchronize or by new approaches that include chrono nutrition or chronopharmacology as adjuvant strategies for the different treatments.

Scientific production

1

Nº of papers
(WoS)

100%⁽¹⁾

% Open
Access (Nº)

1

Nº of papers
JCR indexed

100%⁽¹⁾

% Citable
Items (Nº)

100%⁽¹⁾

Q1 (citable items)

5.60

Cumulative IF

5.60

Average IF

Selected Publications

FERNANDEZ MATEOS, MARÍA DEL PILAR, CANO BARQUILLA, MARÍA
 PILAR, JIMENEZ ORTEGA, VANESA, VIRTO, LEIRE, PEREZ DE MIGUEL-
 SANZ, MARÍA JULIANA, ESQUIFINO PARRAS, ANA ISABEL. Effect of
 Melatonin on Redox Enzymes Daily Gene Expression in Perirenal and
 Subcutaneous Adipose Tissue of a Diet Induced Obesity Model. IN-
 TERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2023. 24 (2). DOI:
 10.3390/ijms24020960. IF: 5,6. (Q1).

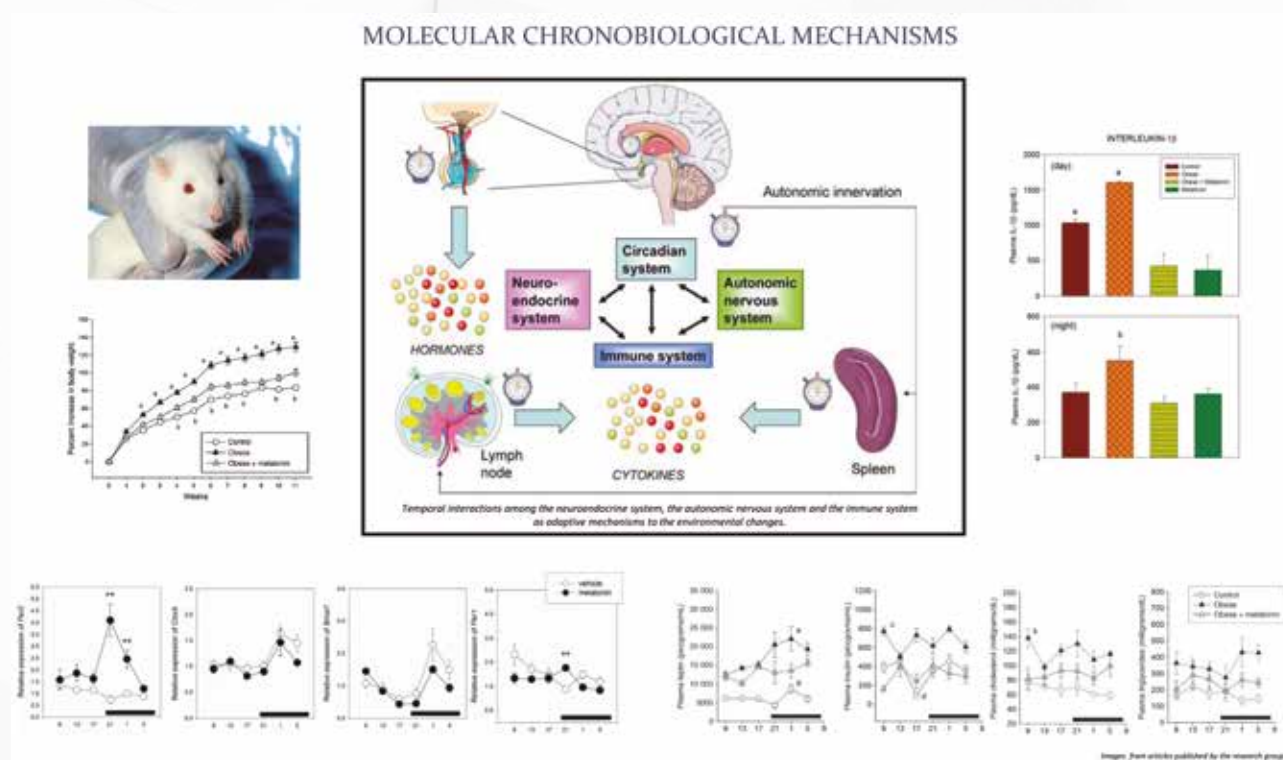
Doctorate Theses

Doctoral candidate: María Antonia Roig Muñoz.. Thesis Title: Efecto preventivo de la melatonina en un modelo de obesidad inducida por dieta alta en grasa: Implicación del tejido adiposo. Director(s): Pilar Cano Barquilla, Vanesa Jiménez Ortega, Pilar Fernández Mateos. University: Universidad Complutense de Madrid.

Doctoral candidate: Laura Minguella Enríquez. Thesis Title: Efecto preventivo de la melatonina en un modelo de obesidad inducida por dieta alta en grasa: Implicación del tejido adiposo. Director(s): Pilar Cano Barquilla, Vanesa Jiménez Ortega, Pilar Fernández Mateos. University: Universidad Complutense de Madrid.

Visiting Researcher

Visiting researcher: Adriana Nunes Wolfenbüttel. Country of origin: Brasil. Center: Group Researcher in Traditional, Complementary and Integrative Medicines applied to Public Health, of the Chair Brazilian Academic Consortium for Integrative Health, CABSIn, Brazil, Natural Products Committee. Project: Essential oils inhalation: Behavioral testing, plasma analysis, corticosterone, and melatonin levels evaluation. Return date: 01/06/2023. Date of departure: 15/06/2023.



OGS.35

Research in the critical patient

Leading researcher

Miguel Sánchez García

Members

Belén De La Hera Hernanz

Eva María Columna Cid

Fernando Martínez Sagasti

Gabriel Parra González

Juan Antonio Moya Canton

Juan Carlos Martín Benítez

Manuel Álvarez González

Mercedes Nieto Cabrera

Sandra Garcia Pintado

Overview

The research group has the following strategic objectives (1) to achieve the combination and compatibility of clinical research with quality care (2) to promote research projects that improve the safety of the critically ill patient and (3) to contribute to improving efficiency by improving clinical outcomes.

Scientific production

2

Nº of papers
(WoS)

20%⁽¹⁾

% Open
Access (Nº)

2

Nº of papers
JCR indexed

100%⁽²⁾

% Citable
Items (Nº)

20%⁽¹⁾

Q1 (citable items)

5.60

Cumulative IF

2.80

Average IF

Selected Publications

Moreno, G., Ruiz-Botella, M., Martin-Loeches, I., Gomez Alvarez, J., Jimenez Herrera, M., Bodi, M., Armestar, F., Marques Parra, A., Estella, A., Treffer, S., Jorge Garcia, R., Murcia Paya, J., Vidal Cortes, P., Diaz, E., Ferrer, R., Albaya-Moreno, A., Socias-Crespi, L., Bonell Goytisolo, J. M., Sancho Chinesta, S., Loza, A., Forcelledo Espina, L., Pozo Laderas, J. C., DeAlba-Aparicio, M., Sanchez Montori, L., Vallverdu Perapoch, I., Hidalgo, V., Fraile Gutierrez, V., Casamitjana Ortega, A. M., Martin Serrano, F., NIETO CABRERA, MERCEDES, Blasco Cortes, M., Marin-Corral, J., Sole-Violan, J., Rodriguez, A., COVID-19 SEMICYUC Working Grp. A differential therapeutic consideration for use of corticosteroids according to established COVID-19 clinical phenotypes in critically ill patients. MEDICINA INTENSIVA. 2023. 47 (1):23-33. DOI: 10.1016/j.medint.2021.10.002. IF: 2,7. (Q2).

Ocana, Juan, Pastor, Paula, Timoteo, Ander, Diez-Alonso, Manuel Maríano, de la Portilla, Fernando, Cagigas, Carmen, Labalde-Martinez, María, Espin, Eloy, Dujovne, Paula, NIETO CABRERA, MERCEDES, Gonzalez, Manuel, Sanz, Rodrigo, Pascual, Marta, Aguirre-Allende, Ignacio, Cervera, Jorge, Jimenez-Carneros, Virginia, Guadalajara, Hector, Garcia-Granero, Alvaro, Fernandez-Cebrian, Jose María, Die-Trill, Javier, RIALTCOT Study Collaborative Work. Risk factors for anastomotic leakage and postoperative outcomes after total and subtotal colectomy: A nationwide retrospective cohort study (RIALTCOT Study Collaborative Group). COLORECTAL DISEASE. 2023. 25 (3):420-430. DOI: 10.1111/codi.16384. IF: 2,9. (Q1).

New Competitive Funding

ECL.23/444. COMPARACIÓN DE LA PREVALENCIA DE ASINCRONÍAS DURANTE LA VENTILACIÓN MECÁNICA CON AJUSTE MANUAL DE LOS PARÁMETROS VENTILATORIOS Y CON EL AJUSTE AUTOMÁTICO MEDIANTE LA HERRAMIENTA INTELLISYNC® (RESPIRADORES HAMILTON). ESTUDIO CLÍNICO CONTROLADO. PI: GONZALEZ ARENAS, PALOMA.

ECL.23/416. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CAL02 ADMINISTRADO POR VÍA INTRAVENOSA CONJUNTAMENTE CON EL TRATAMIENTO ESTÁNDAR EN SUJETOS CON NEUMONÍA BACTERIANA GRAVE ADQUIRIDA EN LA COMUNIDAD (SCABP) A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED MULTI-CENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF CAL02 ADMINISTERED INTRAVENOUSLY IN ADDITION TO STANDARD OF CARE IN SUBJECTS WITH SEVERE COMMUNITY-ACQUIRED BACTERIAL PNEUMONIA (SCABP). PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.22/672. A RANDOMIZED, PLACEBO-CONTROLLED, DOUBLE-BLIND, MULTI-CENTER, PHASE III STUDY INVESTIGATING THE EFFICACY AND SAFETY OF TRIMODULIN (BT588) AS ADD-ON THERAPY TO STANDARD CARE IN ADULT SUBJECTS WITH SEVERE COMMUNITY-ACQUIRED PNEUMONIA (SCAP). ENSAYO EN FASE III ALEATORIZADO, COMPARADO CON PLACEBO, DOBLE CIEGO Y MULTICÉNTRICO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE LA TRIMODULINA (BT588) EN SUJETOS ADULTOS HOSPITALIZADOS CON NEUMONÍA GRAVE ADQUIRIDA EN LA COMUNIDAD (NGAC). PI: SÁNCHEZ GARCÍA, MIGUEL.

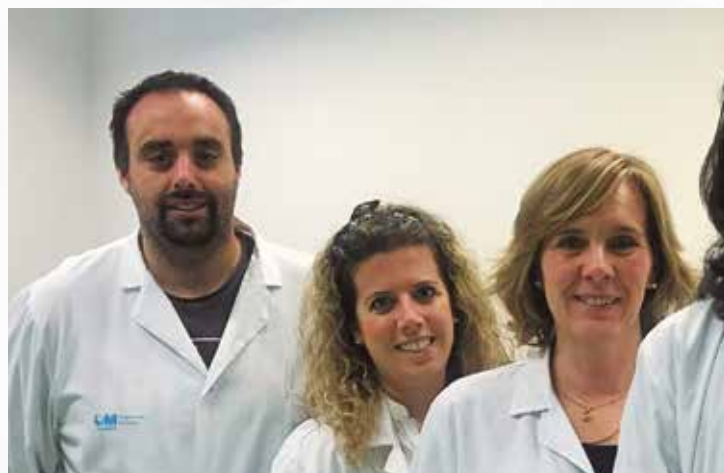
ECL.22/586. ANÁLISIS RETROSPECTIVO DEL USO EN LA PRÁCTICA REAL DE CEFIDEROCOL PARA EL TRATAMIENTO DE INFECCIONES POR GRAM-NEGATIVOS COMO PARTE DEL PROGRAMA DE ACCESO PRECOZ (ESTUDIO PERSEUS). PI: SÁNCHEZ GARCÍA, MIGUEL.

CORE FACILI TIES

CORE FACILITIES

UTS.1 UCIF

Flow Cytometry Unit



Coordinator	Dulcenombre Gómez Garre
Member	Adriana Ortega Hernández
Member	Javier Modrego Martín (CIBER)

Contact

mgomezgarre@salud.madrid.org
913303000 Ext. 482455

Location

Hospital Clínico San Carlos, 2ª planta, ala Norte

Services offered

- Sample processing and acquisition for cytometer analysis
- Cytometric data analysis
- At the request of the investigators, technical assistance will be provided for the study and observation of samples under the best possible conditions, for the design of analytical protocols, the selection of antibodies and the processing and acquisition of data, as well as their analysis.
- Conducting training courses for users

Activity register

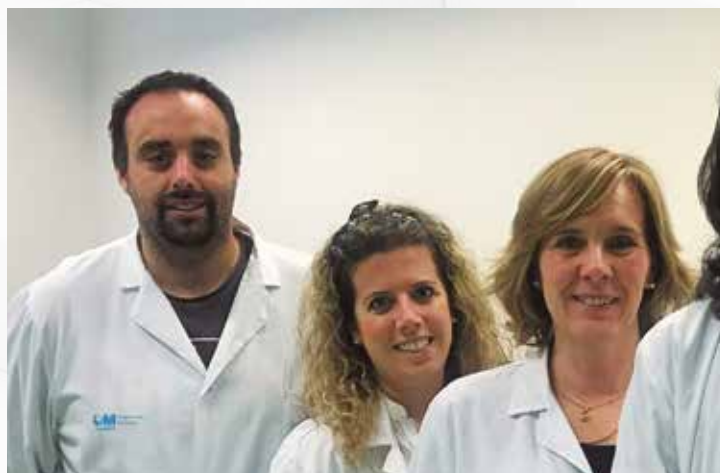


Other activity



UTS.2A LABMIC

Genomics Unit: Microbiota Laboratory



Coordinator	Dulcenombre Gómez Garre
Member	Adriana Ortega Hernández
Member	Javier Modrego Martín (CIBER)
Member	Silvia Sánchez González

Contact

mgomezgarre@salud.madrid.org
913303000 Ext. 482455

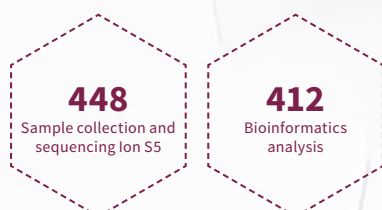
Location

Hospital Clínico San Carlos, 2ª planta, ala Norte

Services offered

- Bacterial DNA extraction DNA from various niches (faeces, intestine, air, etc).
- Sample preparation, library generation and 16S ribosomal gene sequencing (DNA and RNA) using massive sequencing equipment.
- Analysis and integration of bacterial sequence data by bioinformatics analysis. Quantification of bacterial products in blood and urine (SCFA, p-Cresol, TMAO, etc).
- Quantification of markers of inflammation (IL-1 β , IL-18, TNF α , etc.) and immune activation (CD4+/CD38+, CD8+/CD38+, CD8+/CD38+/HLADR+).
- Quantification of markers of intestinal barrier permeability (lactulose/mannitol ratio) and bacterial translocation (LPS, CD14s).

Activity register

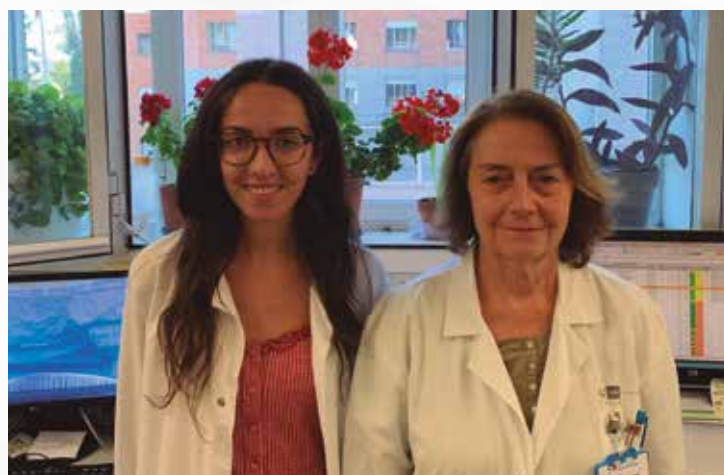


Other activity



UTS.2B LABGEN

Genomics Unit: Genomics and Microarrays Laboratory



Coordinator Beatriz Pérez-Villamil Salgado

Member Ana Conde Yáñez

Contact

bperezvillamil.hcsc@salud.madrid.org
913303000 Ext. 484823

Location

Hospital Clínico San Carlos, Planta baja, ala Sur.

Services offered

- RNA quality analysis through Bioanalyzer
- Transcriptomic analysis (mRNA). GE (Gene Expression) Microarrays
- CNV analysis (Copy-Number-Variation) / Array-CGH microarrays (Comparative Genomic Hybridization) and SNP-CGH
- MicroRNA expression analysis. miRNA microarrays
- DNA methylation analysis. "CpG-island" and methylation microarrays
- Chromatin immunoprecipitation analysis. ChIP-on-chip microarrays
- "Custom Microarrays" through e-array

Activity register

Activity	Clients	Description
Análisis de resultados de transcriptómica (NGS y microarrays)	S. Oncología Médica	Uso de la plataforma GeneSpring y el paquete lima/Deseq2 (R-Bioconductor) para el estudio de expresión diferencial
Análisis de resultados de la secuenciación NGS de 140 genes de la vía del TGF- β	Merck y S. Oncología Médica	Filtrado de datos y selección de muestras de buena calidad
Realización de Tissue Microarrays (TMAS)	Colaboración con Biobanco y con S. Anatomía Patológica	Selección de anticuerpos apropiados para la realización de Inmunohistoquímicas principalmete de Activina
Interacción de datos nuestros de NGS con datos de COLONOMICs	S. Oncología Médica	Análisis de datos de NGS y de transcriptómica, filtración de datos de muestras normales y validación con datos de COLONOMICs

UTS.2C LABONC

Genomics Unit: Oncology Laboratory



Coordinator	Guillermo Velasco Díez
Member	Inmaculada Bando Polaino
Member	Ines Bartolomé Asensio
Member	Paula Diaque García
Member	Ada Esteban-Sánchez
Member	Pilar Garre Rubio
Member	Vanesa García Barberán
Member	Alicia Gómez Sanz
Member	Miguel De La Hoya Mantecón
Member	Víctor Lorca Castellanos
Member	Lobna Ramadane

Contact

gvd@bbm1.ucm.es
913303000 Ext. 484822

Location

Hospital Clínico San Carlos, 2ª planta, ala Norte

Services offered

- Study of mutations and large genomic rearrangements in BRCA1, BRCA2, MLH1, MSH2 and MSH6.
- Study of mutations in P53, MYH, RAD51C, NUDT1, OGG1, XRCC1, PI3K, KRAS and NRAS, BRAF.
- Microsatellite study, sequencing, HRM, fragments.
- Purification of DNA, RNA, cDNA from blood, tissues, and paraffin-embedded tumour tissues.
- Digital PCR, NGS Detection of circulating tumour cells.

Activity register

Activity	Clients	Description
Estudio de mutaciones germinales y grandes reordenamientos en genes de susceptibilidad al cáncer	Complejo Hospitalario Universitario Insular Materno-Infantil de Gran Canaria (N=627)	Cáncer Familiar
Estudio de mutaciones BRCA1 y BRCA2 (centro de referencia ID.BRCA)	ASTRA ZENECA (N=274)	NGS HRD (cáncer de ovario)
Estudio de mutaciones en KRAS, NRAS y BRAF (centro de referencia PrecisaRas)	MERCK KRAS (N=606) NRAS, BRAF (M=309)	Cáncer Colorrectal (CRC)
Estudio de mutaciones en KRAS (centro de referencia NK-RAS)	AMGEN KRAS (N=296) NRAS, BRAF (N=155)	Cáncer Colorrectal (CRC)
Estudio de mutaciones BRAF en tejido	NOVARTIS N=22	Melanoma, Tiroides, Endometrio, Metástasis Pulmonar
Estudio de mutaciones BRAF en biopsia líquida	HCSC N=7	Melanoma
Estudio de mutaciones PIK3CA en biopsia líquida	HCSC N=3	Cáncer de Mama

UTS.2D LABINMUNO

Genomics Unit: Immunogenetics and Sequencing Laboratory

Coordinator	Miguel Fernández Arquero
Member	Raquel Gil Laborda



Services offered

- Genome Sequencing
- Fragment analysis
- Microsatellite genetic studies
- Genetic marker studies through real-time PCR
- Gene expression studies
- Other genomic studies

Contact

mfarquero@salud.madrid.org / 913303000 Ext, 484695/484699

Location

Hospital Clínico San Carlos, Planta baja, ala Sur.

Activity register

Activity	Clients	Description
Servicio tecnológico		
Estudio genético de muestras ADN		
Estudio genético de muestras Secuenciación	Investigadores del Hospital Clínico San Carlos	Técnicas de vanguardia en los estudios genéticos
Estudio genético de muestras MLPA		
Estudio genético de muestras Fragmentos		
Estudio genético de muestras PCR Real time		

Other activity

Activity	Description
PNTs	Desarrollo de la calidad de los estudios Realizados
Acción formativa	enfocado al personal de uso continuado del equipamiento
Congresos	Relacionados con las diferentes especialidades del uso de los equipos

UTS.3 UMECE

Experimental Surgery and Medicine Unit
(Animal facilities, Laboratories and Operating rooms)



Responsible	Pablo Antonio González López
Coordinator	María Cruz Rodríguez-Bobada González del Campo
Member	Patricia Quesada Manzano
Member	Paloma Peón Ruiz
Member	Gemma Martín Trillo

Contact

mrbadagonzalezcampo@salud.madrid.org
91 3303000 Ext. 484313

Location

Hospital Clínico San Carlos, Sótano, ala Sur.

Services offered

- Service of anaesthesia and analgesia in experimental animals.
- Washing and sterilisation of surgical and research laboratory equipment.
- In vivo imaging service in mice to detect fluorescent or luminescent cells.
- Surgical facilities and animal house.

Activity register



Other activity

Activity
Prácticas de manejo y realización de procedimientos para manipular animales con fines científicos y obtención de capacitación en las funciones a,b,c para el diseño de proyectos y procedimientos con animales de experimentación.
Evaluación de proyectos y procedimientos en los que son utilizados animales utilizados con fines científicos o de experimentación.
Jaulas de repuesto para ratas y jaulas de repuesto para los rack autoventilados.
Actualización de las normas para la utilización de los laboratorios, animalario y quirófanos.
Control sanitario de todos los animales del animalario de la UMECE dos veces al año.
Diseño de los protocolos normalizados de trabajo de la unidad para realizar los diferentes procedimientos con animales.

UTS.4 UAMI

Methodological Support Unit



Coordinator	Carmen de Burgos Lunar
Member	Irene Serrano García
Member	Rafael Sánchez del Hoyo
Member	Mateo Paz Cabezas
Member	Karina Davila Merizalbe

Contact

uami.hcsc@salud.madrid.org
913303000 Ext. 484296-484297

Location

Hospital Clínico San Carlos, 3ª planta, ala Norte-Sur.

Services offered

- Methodological advice:
 - Advice on the design and methodological aspects of research protocols.
 - Advice in the elaboration of scientific communications.
 - Advice in the critical reading of scientific articles.
 - Advice in the design, creation and management of databases.
- Statistical consultancy: Statistical exploitation of epidemiological studies databases.
- Training: Activities in research methodology and statistical analysis.
- Bioinformatics:
 - Transcriptomic analysis: Microarrays, RNAseq, scRNAseq.
 - Alignment and Variant Calling in DNAseq.
 - Functional analysis of genomic data: GSEA Data collection from genomic repositories.
 - Mutation screening and visualisation (SNP).

Activity register



Other activity



UTS.5 BIOBANCO

Biobank



Hospital Clínico San Carlos
BIOBANCO



PLATAFORMA ISCIII
BIOBANCOS Y
BIOMODELOS



Coordinator	Luis Ortega Medina
Member	Elena Molina Roldán
Member	Alberto Arias Vázquez
Member	Sara Centeno Alonso
Member	Luis González Valle
Member	Marina García Toribio
Member	Carmen Ramos Sanchez

Contact

biobanco.hcsc@salud.madrid.org
913303000 Ext. 484054; 484055; 484058

Location

Hospital Clínico San Carlos, Sótano, ala Norte.

Services offered

- Recruitment of donors and samples and data associated to samples. Sample processing and sample storage. Two types of activities would be developed:
 - Targeted to a prospective project
 - Biobank basic collection
- Transfer of samples with research purposes
- 3Security, Certification process quality for ISO 9001:2015

Activity register



UTS.6 UI

Innovation Support Unit



Coordinator María Luaces Méndez

Member Julio Mayol Martínez

Member Macarena Torrego

Member Laura Llorente Sanz

Member Jorge Nieto de Vicente Arche

Member Joan Chafer Vilaplana

Member Enrique Caso Onzain

Member Milagros Merino Fernández

Contact

innova.clinico@gmail.com
91 3303000 Ext. 482474

Location

Hospital Clínico San Carlos, 4ª planta, ala sur.

Services offered

- Smart Health Data (Advanced Data Analysis, BIG Data, AI and model development for decision-making support CDSS)
- New organizational models
- Technological innovation (Technological model application and usability: Augmented, virtual reality, 3D printing, app., and application and usability of integrated telemedicine)
- Innovation HUB (including dissemination and training)
- Innovation consultancy (support, consulting, assistance and/or health innovation guidance)

Activity register



Other activity



UTS.7 UACE

Support Unit for Research Ethics Committees and Clinical Trial Coordination



Hospital Clínico San Carlos
UNIDAD DE APOYO A COMITÉS ÉTICOS
DE INVESTIGACIÓN Y DE COORDINACIÓN
DE ENSAYOS CLÍNICOS

Coordinator	M ^a Mar García Arenillas
Member	Elena Sánchez García
Member	Berta Orellana Suárez
Member	Lourdes Cabrera García
Member	M ^a Ángeles Torres Mora

Contact

ceic.hcsc@salud.madrid.org
913303000 Ext. 484159-484160

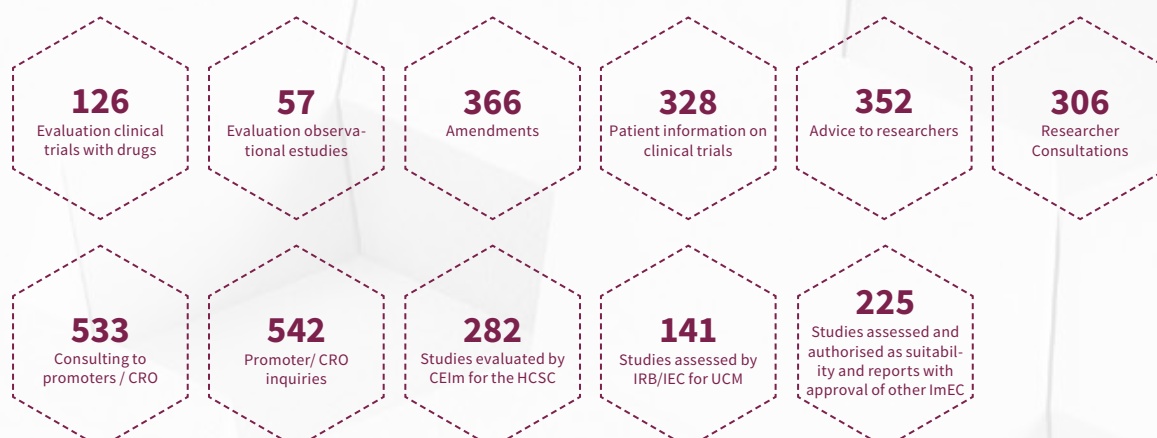
Location

Hospital Clínico San Carlos, 4^a planta, ala norte.

Services offered

- Information to patients on their participation in clinical trials.
- Counselling to IdISSC researchers on consultations carried out and for the drafting, execution, and implementation of research protocols.
- Counselling and consultancy for sponsors and start-up units external to IdISSC on consultations carried out and for the drafting, execution, and implementation of research protocols.
- Processing of entry, validation and administrative management of research projects carried out at the HOSPITAL CLÍNICO SAN CARLOS and outside the HOSPITAL CLÍNICO SAN CARLOS that are submitted for evaluation by the Ethics Committee for Research involving medicinal products.
- Processing of modifications to previously authorised research projects.
- Monitoring of research projects.
- Processing of entry, validation and administrative management of research projects carried out at the HOSPITAL CLÍNICO SAN CARLOS that are submitted for evaluation by the ETHICS COMMITTEE ON ANIMAL EXPERIMENTATION.
- Administrative support to the Authorised Body of the Ethics Committee on Animal Experimentation.

Activity register



UTS.8 UICEC

Clinical Research and Clinical Trial Unit



Coordinator	Antonio Portolés Pérez
Member	Ana Belén Rivas Paterna
Member	Natalia Pérez Macías
Member	Alexandra Domingo Fernández
Member	Cristina Cuesta Mínguez
Member	Leticia Cebrián Reviejo
Member	Arancha Rodríguez Sanz
Member	Carmen Sanz Nieto
Member	Ana Ascaso del Rio
Member	Emilio Vargas Castrillón
Member	Carla Pérez Ingidúa
Member	Leonor Laredo Velasco
Member	Lourdes Cabrera García
Member	Rosario Salas Butrón
Member	Cristina del Hoyo Navalon

Contact

fibucicec.hcsc@salud.madrid.org
913303000 Ext. 482459-482462

Location

Hospital Clínico San Carlos, 4ª planta, ala norte.

Services offered

- Design
- Regulatory
- Monitoring
- Project management
- Pharmacovigilance services

Activity register



Other activity



UTS.9 UFAR

Pharmacy Support Unit: Research Drug Management



Hospital Clínico San Carlos
UNIDAD DE APOYO A FARMACIA:
GESTIÓN DE MEDICACIÓN
DE INVESTIGACIÓN



Coordinator	María Teresa Benítez Giménez
Member	Adoración de la Santísima Trinidad Maqueda
Member	Cristián Gabriel Luengo Molero
Member	Cristina González Pérez
Member	Gonzalo Hernando Llorente
Member	José Julio Gómez Castillo

Contact

ensayosclnicosf.hcsc@salud.madrid.org
91 330 32 98

Location

Hospital Clínico San Carlos, planta baja, ala norte.

Services offered

- Masking, reception, custody and correct storage of the drugs in the conditions required by the sponsor.
- Preparation of the medication in laminar flow safety cabinets for those drugs that require it, guaranteeing the correct management and traceability of the research samples throughout the process.

Activity register



UTS.10 CLEAN ROOM

Cell therapy Unit. Clean room



Coordinator Pilar Tornero Esteban
Member Beatriz Rodera Meléndez

Contact

upcelular.hcsc@salud.madrid.org
913303000 Ext. 482466

Location

Hospital Clínico San Carlos, 6ª planta, ala norte.

Services offered

- Procurement of GMP-quality mesenchymal stem cells from different tissues.
- Allogeneic biobank of mesenchymal stem cells for potential use in certain diseases.
- Research on vehicles and transporters of mesenchymal stem cells in tissues.

Activity register

Activity

Manufacture of mesenchymal stem cells.

Scientific support for the evaluation of the results on the Therapeutic Use of different drugs.

Introduction of new cellular products under development.

Application in calls for proposals: Application as a member of a State Network Consortium for the development of Advanced Therapy Medicines.

Application in calls for proposals: Independent Clinical Investigator (ICI) project in collaboration with the Experimental Cancer Therapy Unit and the HNJ.

Participation in Advanced Therapy Networks.

Training programme for students of the UPM and UCM universities.

Training in Advanced Therapies.

UTS.12 UFARCLI

Phase I and Clinical Pharmacology Studies Unit



Hospital Clínico San Carlos
UNIDAD DE FASE I Y ESTUDIOS
DE FARMACOLOGÍA CLÍNICA



Coordinator	Antonio Portolés Pérez
Member	Emilio Vargas Castrillón
Member	Ana Ascaso del Río
Member	Carla Pérez Ingidua
Member	Leonor Laredo Velasco
Member	Natalia Rodríguez Galán
Member	Sonia Domínguez Muñoz
Member	Susana García Ramos
Member	Miriam Castro Castro
Member	María del Rosario Salas Butrón
Member	Teresa Iglesias Hernangómez

Contact

ufase1fc.hcsc@salud.madrid.org
913303000 Ext. 484145/484146

Location

Hospital Clínico San Carlos, 1ª planta, ala norte.

Services offered

- Design and execution of phase I clinical trials and clinical pharmacology studies.
- Pharmacokinetic analysis.
- Healthy volunteers screening.
- Biological sample management.
- Pharmaco-economic analysis.
- Drafting of Protocols and final reports.

Activity register

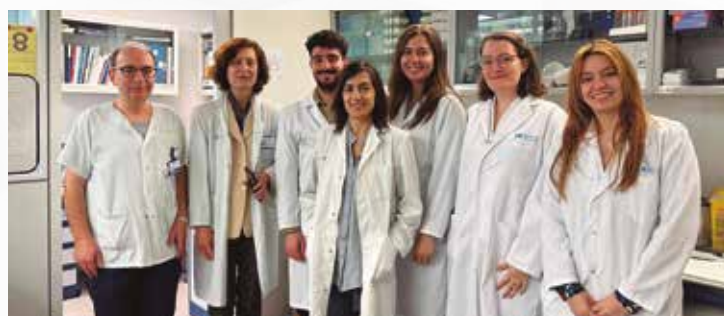


Other activity

Activity
Carrying out assessment of additional costs incurred in clinical studies.
Maintenance and re-accreditation of GCPs
Maintenance and renewal of ISO 9001:2015
Dissemination of knowledge generated in clinical research
Support for the development of COVID trials with human resources from the Clinical Pharmacology group.
Generation of knowledge.

UTS.13 URECEL

Cellular Response and Function Unit



Coordinator	Elena Urcelay García
Coordinator	Eduardo Anguita Mandly
Member	M ^a Concepción Núñez Pardo de Vera
Member	Laura Espino Paisán
Member	Andrea Raposo López-Pastor
Member	Irene Gómez Delgado
Member	Adela González Jiménez
Member	Sara Gómez Aguililla
Member	Jorge Infante Menéndez

Contact

elena.urchay@salud.madrid.org
 eduardo.anguita@salud.madrid.org
 913303000 Ext. 482452/482453

Location

Hospital Clínico San Carlos, planta baja, ala sur.

Services offered

- Preparation of biological samples for research projects (serum extraction, isolation, PBMCs and DNA, platelet-rich plasma – PRPs...).
- Pharmacogenetic research studies.
- Determination for research projects of: ApoE risk genetics, intraepithelial lymphogram (from duodenal biopsy), T CD8+ lymphocytes activated in peripheral blood directed to the intestine.
- Quantification of soluble proteins from various sources: serum, plasma, urine, tears, CSF, etc., for research projects, using Olink Signature Q100 technology and ELISA; and protein expression levels by Western blot.
- Messenger RNA expression levels by quantitative real-time PCR for research purposes.
- Research studies on mitochondrial activity using Agilent Seahorse technology.

Activity register



Other activity



UTS15.UICPI

Cancer and Immune-Mediated Pathologies

Immunomonitoring Unit

Coordinator	Kissy Guevara-Hoyer
Member	Alberto Ocaña
Member	Eduardo de la Fuente
Member	Miguel Fernández Arquero
Member	Pedro Pérez Segura
Member	Silvia Sánchez-Ramón
Member	Alejandro Pereiro
Member	Daniel Tovar Manzano

Contact

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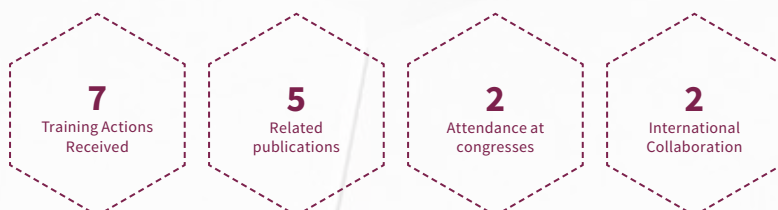
Location

Hospital Clínico San Carlos, 1ª planta, ala sur.

Services offered

- Immunophenotyping and functional study of antigen-specific subpopulations: activation, proliferation, production of cytokines, Th1/Th2/Th17, among others.
- Phenotypic and phosphoflow analysis (flow cytometry).
- Study of TRECs in screening for secondary immunodeficiencies.
- Cytokine and chemokine profile studies after antigen-specific stimulation.
- Inflammation vs immunoregulation (Luminex).
- Studies of secondary and primary immunodeficiencies associated with malignancy.
- Typing of the pathological immunophenotype and prediction of risk associated with immunodeficiency and monitoring of response to treatment.
- Specific immunological response against target antigens.
- Lymphoproliferative and antigen-specific cellular stimulation studies.
- Antigen-specific cytotoxicity studies.
- Tetramer or pentamer assays for specific response with HLA restriction.
- Study of specific cell populations for the development of vaccines or tolerogenic treatments.
- Humoral response to drugs: Determination of specific anti-drug antibodies by ELISA or immunoluminescence (in real time).
- Centralisation of results and support in data analysis: multidimensional analysis, phenograms, meta-clustering of lymphocyte subpopulations.

Other activity



UTS16.UTEC

Experimental Cancer Therapies Unit



Coordinator Alberto Ocaña Fernández

Member Cristina Nieto Jiménez

Member Lucía Paniagua Herranz

Member Adrián Sanvicente García

Member Cristina Díaz-Tejero Rodríguez

Member Pablo Rodríguez Olmedo

Contact

alberto.ocana@salud.madrid.org
913303000 Ext. 484808

Location

Hospital Clínico San Carlos, 1ª planta, ala sur.

Services offered

- Extraction, isolation and expansion of tumor infiltrating lymphocytes TILs.
- Identification of therapeutic targets by “in silico” genomic analysis in specific pathological conditions.
- Identification of biomarkers of activity or response.
- Antigen design and antibody development (outsourced service).
- Preclinical evaluation of non-clinical pharmacology compounds (TILs).
- Cell culture techniques with cell lines and primary tissue.
- Genomic studies: DNA and RNA extraction from cell lines, siRNA silencing, quantitative PCR quantification.
- Proteomic studies: Protein extraction from cell lines basally and after treatments with different compounds. Protein quantification using BCA, and subsequent absorbance reading in spectrophotometer. Evaluation by Western Blot.

Activity register



Please, click here for more information on support units

<https://www.idissc.org/espacios-de-apoyo-a-la-investigacion/>

Appendix I - OGS.28

Clinical research associate

Members

Adrian Macho Gonzalez	Francisco Vicente Martín
Adrián Rodríguez Manzanedo	Gloria Mato Chain
Alba Garcimartín Álvarez	Gustavo Adolfo Gomez Bustamante
Alba Soilán Enríquez	Gustavo López Alonso
Alberto García Sáez	Isabel Cuellar Flores
Alicia Gómez Sanz	Isabel Diges Artesero
Alonso Mateos Rodriguez	Javier Pedraz Muñoz
Ana Fernández Ruiz-Morón	Javier Pereiro De Lamo
Ana Garcia Alvarez	Jesús Enrique Flores Soler
Ana Isabel Alguacil Pau	Jesús Gimeno Hernández
Ana María Lopez Parra	Joaquín Calatayud Gastardi
Ana Patricia Moya Rueda	Jorge Arturo Santos López
Andrea Díez Navarro	Jorge Martínez Nieto
Andres Camilo Vargas Jimenez	José Ángel Delgado Martín
Antonia Rodríguez De La Peña	José Antonio Valle Cruz
Arantzazu Álvarez De Arcaya Vicente	José Javier Ariño Irujo
Aránzazu Bocanegra De Juana	José Miguel Esteban López-Jamar
Bárbara Romero Gómez	Juan Antonio Moya Canton
Carla Peinado Escobar	Juan Miguel Ruiz Albusac
Carlos Fernández Galván	Juana Benedí Gonzalez
Carmen Hernández Pérez	Julián Hernández Montero
César López Matayoshi	Laura García Pérez
Christian Bengoa Terrero	Luis Sante Serna
Clara Elizabeth Gavira O'Neill	Lydia María Suárez Lara
Clara Marcuello Foncillas	Mª Ángeles Navas Hernández
Claudia Lopes Gomes	Mª Carmen Cotarelo Pérez
Claudia Renata Ilas	Mª Jesús Gómez Nebreda
Cristina Del Hoyo Navalón	Mª Luz Capote Toledo
Débora Gutiérrez Lloret	Mª Teresa De Miguel Del Hoyo
Eduardo Arroyo Pardo	Manuela Roldán Pallares
Eduardo López Bran	María Del Carmen Sanz Miguel
Eduardo Martínez Gómez	María Del Mar Fenollar Cortés
Elena Hernández Álvarez	María Del Pino Alcántara Carrio
Elvira López-Oliva Muñoz	María José Jiménez Martín
Enrique Blázquez Fernández	María Jose Vilchez Lara
Esther Velázquez Sánchez	María Martín Calvo
Eulogio García Fernández	María Montserrat González Estecha
Fernando Rodríguez Gómez	María Teresa Reina Gutiérrez
Francisca Arranz García	María Teresa Sanz Casla
Francisco Javier Carricondo Orejana	María Victoria Gómez Raso
Francisco José Del Río Gallegos	Miguel Vázquez Velasco
Francisco José Sánchez Muniz	Mónica Antoñanzas Basa

Scientific production

65

Nº of papers
(WoS)

58%

OA

61

Nº of papers
JCR indexed

74%

% AR&RE

45

Nº AR&RE

33%

% Q1 (AR&RE)

15

Nº Q1 (AR&RE)

Mónica Pérez Serrano
Noelia Sanmamed Salgado
Oscar Ángel Vedia Cruz
Pablo Pérez Alonso
Pablo Talavera Eguizabal
Paloma Celada Rodríguez
Patricia Vázquez Pérez
Pedro Espino Hurtado
Pedro Sáez Rodríguez
Rafael Martín -Granizo López

Rafael Otero Fernández
Raquel Merino Cañizal
Rosalía Navarro Pérez
Sara Bastida Codina
Sara Palomo Díez
Sofía Rodenas De La Rocha
Verónica Hurtado Carneiro
Víctor Manuel Maojo García
Victoria Isabel Del Santo O'Neill

Scientific production

4%

%D1 (AR&RE)

2

Nº D1 (AR&RE)

193.30

IF

4.30

AVERAGE IF

Appendix II - Scientific Production

CV.1

Article

MEJÍA RENTERÍA, HERNÁN DAVID, TRAVIESO, ALEJANDRO, MATÍAS-GUÍU ANTEM, JORDI, YUS FUERTES, MIGUEL, Espejo-Paeres, Carolina, Finocchiario, Francesca, Fernandez, Sara, Ignacio Gomez-Escalonilla, Carlos, RENESÉS PRIETO, BLANCA, Dulcenombre Gomez-Garre, Maria, DELGADO ÁLVAREZ, ALFONSO, BUSTOS GARCIA DE CASTRO, ANA, PÉREZ DE ISLA, LEOPOLDO, Gomez de Diego, Jose Juan, Modrego-Martin, Javier, ORTEGA HERNÁNDEZ, ADRIANA, PAPADOPOULOS, PETROS, Arrazola-Garcia, Juan, MATÍAS-GUÍU GUIA, JORGE, ESCANED BARBOSA, JAVIER. Coronary microvascular dysfunction is associated with impaired cognitive function: the cerebral-coronary connection study (C3 study). *EUROPEAN HEART JOURNAL*. 2023. 44 (2):113-125. DOI: 10.1093/eurheartj/ehac521. IF: 37,6. (D1).

Roleder-Dylewska, Magda, Gasior, Pawel, Hommels, Tobias M., Roleder, Tomasz, Berta, Balasz, Ang, Hui Ying, Ng, Jaryl Chen Koon, Hermanides, Renicus S., Fabris, Enrico, IJsselmuiden, Alexander J. J., Kauer, Floris, ALFONSO MANTEROLA, FERNANDO, von Birgelen, Clemens, ESCANED BARBOSA, JAVIER, Camaro, Cyril, Kennedy, Mark W., Pereira, Bruno, Magro, Michael, Nef, Holger, Reith, Sebastian, Malinowski, Krzysztof, De Luca, Giuseppe, Garcia, Hector M. Garcia, Granada, Juan F., Wojakowski, Wojciech, Kedhi, Elvin. Morphological characteristics of lesions with thin cap fibroatheroma: a substudy from the COMBINE (OCT-FFR) trial. *EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING*. 2023. 24 (5):687-693. DOI: 10.1093/ehjci/jeac218. IF: 6,7. (D1).

Galli, Mattia, Benenati, Stefano, Zito, Andrea, Capodanno, Davide, Zoccai, Giuseppe Biondi, Ortega-Paz, Luis, Iaconelli, Antonio, D'Amario, Domenico, Porto, Italo, Burzotta, Francesco, Trani, Carlo, De Caterina, Raffaele, Gaudino, Mario, ESCANED BARBOSA, JAVIER, ANGIOLILLO DOMINICK, JOSEPH, Crea, Filippo. Revascularization strategies versus optimal medical therapy in chronic coronary syndrome: A network meta-analysis. *INTERNATIONAL JOURNAL OF CARDIOLOGY*. 2023. 370:58-64. DOI: 10.1016/j.ijcard.2022.10.023. IF: 3,2. (Q2).

Salamanca, Jorge, Garcia-Guimaraes, Marcos, SABATE TENAS, MANEL, Sanz-Ruiz, Ricardo, MACAYA TEN, FERNANDO, Roura, Gerard, Jimenez-Kockar, Marcelo, Nogales, Juan Manuel, Tizon-Marcos, Helena, Velazquez-Martin, Maite, Veiga, Gabriela, Camacho-Freire, Santiago, Perez-Guerrero, Ainhoa, Flores-Rios, Xacobe, Alvarado, Teresa, Diez-Villanueva, Pablo, Del Val, David, Bastante, Teresa, ALFONSO MANTEROLA, FERNANDO. Multivessel spontaneous coronary artery dissection: Clinical features, angiographic findings, management, and outcomes. *INTERNATIONAL JOURNAL OF CARDIOLOGY*. 2023. 370 ():65-71. DOI: 10.1016/j.ijcard.2022.11.011. IF: 3,2. (Q2).

Boerhout, Coen K. M., de Waard, Guus A., Lee, Joo Myung, MEJÍA RENTERÍA, HERNÁN DAVID, Lee, Seung Hun, Jung, Ji-Hyun, Hoshino, Masahiro, ECHAVARRÍA PINTO, MAURO, Meuwissen, Martijn, Matsuo, Hitoshi, Madera-Camero, Maribel, Eftekhari, Ashkan, Effat, Mohamed A., Murai, Tadashi, Marques, Koen, Doh, Joon-Hyung, Christiansen, Evald H., Banerjee, Rupak, Nam, Chang-Wook, Niccoli, Giampaolo, Nakayama, Masafumi, Tanaka, Nobuhiro, Shin, Eun-Seok, Chamuleau, Steven A. J., van Royen, Niels, Knaapen, Paul, ESCANED BARBOSA, JAVIER, Kakuta, Tsunekazu, Koo, Bon Kwon, Piek, Jan J., van de Hoef, Tim P. Combined use of hyperemic and Non-hyperemic pressure ratios for revascularization decision-making: From the ILIAS registry. *INTERNATIONAL JOURNAL OF CARDIOLOGY*. 2023. 370 ():105-111. DOI: 10.1016/j.ijcard.2022.11.015. IF: 3,2. (Q2).

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CV.4

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Editorial Material

NIETO BARBERO, MARÍA ASUNCIÓN, Sanchez-Pernaute, Olga, VADILLO FONT, CRISTINA, Rodriguez-Nieto, Maria Jesus, Romero-Bueno, Fredeswinda, Lopez-Muniz, Belen, Cebrian, Laura, Rio-Ramirez, Maria Teresa, Laporta, Rosalia, Bonilla, Gema, Cobo, Tatiana, LEÓN MATEOS, LETICIA, ABÁ

Letter

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M Molero - Senosiain, Prof Benitez del Castillo. Manual de Oftalmología para Latino e Hispanoamérica.

Correction

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Editorial Material

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Book/Chapter

Peláez Ros, B., Pareres Doutón, A y Mariano Lázaro JA. Reprocesado de dispositivos médicos. Principios generales y normas de aplicación. Reprocesado de productos de un solo uso. La Medicina Preventiva y Salud Pública en la Práctica Clínica. Publicación que, actualmente, se encuentra en fase de edición y maquetación, y que será editado por la Fundación MAPFRE, a través de sus Ayudas a la investigación de Ignacio H. de Larramendi. .

M. Gracia Segovia y P. J. Coronado Martín. SECCIÓN 6. Otras vías de abordaje en cirugía mínimamente invasiva: Capítulo 34. Cirugía robótica. Páginas 365-376. En E. Cabezas / E. Moratalla /J. Lázaro-Carrasco; Cirugía Mínimamente Invasiva en Ginecología - 1ª ed.; Madrid; Editorial Médica Panamericana; 2023; Cartoné; 660 págs.; 21 x 28 cm.; Depósito Legal: M-357-2023; ISBN: 9788491109532 (Versión impresa + Versión digital) ISBN: 9788491109549 (Versión digital).

Meeting Abstract

FREUNDT SERPA, NATALIA PATRICIA, GONZALO FERNÁNDEZ, ALEJANDRO, VERA BERRIOS, ROSALIZIRA NATASHA, VÁZQUEZ CORTÉS, SONIA, Delgado Gonzalez, A., Cerecedo, I., Cimarra, M., Jaqueti-Moreno, P., GONZÁLEZ GUTIÉRREZ, MARIA LUISA, SANCHEZ MORILLAS, LETICIA, Herrero-Esteban, M. P., Dominguez-Izquierdo, M. B., Fernandez-Lopez, I., Martin-Acicoya, E. M., MARCHAN PINEDO, NEREA, ROBLEDO ECHARREN, TERESA, SAN JULIÁN ESTEBAN, MARÍA MAR, Sanchez-Martin, A., Sanz-Merino, A. M., SERRANO GARCÍA, IRENE, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Persistent milk and egg allergies: Different impact on quality of life in patients and caregivers. *Allergy*. 2023. 78. 15-16. IF: 12,6. (D1).

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Editorial Material

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OGS.29

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OGS.30

Review

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OGS.32

Article

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Appendix III: Activity

CV.1

Assessment of Diagnostic and Therapeutic Technologies in Coronary Arteriosclerosis

Competitive Funding

PI21/01481. Diagnóstico y manejo clínico de la disfunción microcirculatoria en pacientes con síndrome COVID crónico con dolor torácico de nueva aparición. PI: ESCANED BARBOSA, JAVIER; MEJÍA RENTERÍA, HERNÁN DAVID. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.14/360. EVALUACIÓN DEL ESTRÉS DE CIZALLAMIENTO PARIETAL Y DE LA REPARACIÓN NEOINTIMAL TRAS LA INTERVENCIÓN CORONARIA PERCUTÁNEA DE VASOS ANGULOSOS MEDIANTE EL USO DEL STENT RESOLUTE (STENT CORONARIO INTEGRAL LIBERADOR DE ZOTAROLIMUS) COMPARADO CON EL STENT XIENCE XPEDITION (STENT CORONARIO LIBERADOR DE EVEROLIMUS). PI: ESCANED BARBOSA, JAVIER.

ECL.17/189. Registro multicéntrico de REVascularización SECundaria. REGISTRO REVASEC. PI: SALINAS SANGUINO, PABLO.

ECL.2018/058. ILUMIEN IV: ICP OPTIMA. comparación entre la tomografía de coherencia óptica (TCO) y la angiografía como métodos de implante de un stent coronario: investigación clínica multicéntrica aleatorizada en una ICP. PI: GONZALO LÓPEZ, MARÍA NIEVES.

ECL.19/349. DCR4 Contrast trial: Dynamic Coronary Roadmap for Contrast reduction. Protocolo del estudio clínico posterior a la comercialización. Estudio basado en pruebas clínicas DCR4 Contrast. PI: ESCANED BARBOSA, JAVIER.

ECL.19/105. Estudio aleatorizado comparativo, en pacientes ancianos (...75 años) con infarto agudo de miocardio, con o sin elevación del segmento ST (IAMEST y IAMSEST), con enfermedad coronaria multivaso, sobre la eficacia de una estrategia de revascularización completa funcional en respecto a la revascularización de la sola lesión culpable del infarto. Estudio FIRE. PI: ESCANED BARBOSA, JAVIER.

ECL.19/532. BIOTRONIK – Seguridad y rendimiento clínico del sistema de scaffold coronario de magnesio liberador de sirolimus reabsorbible (DREAMS 3G) para el tratamiento de pacientes con lesiones de novo en arterias coronarias nativas: BIOMAG-I. PI: ESCANED BARBOSA, JAVIER.”

ECL.20/119. Study title: OPTimizaTion of Left MAin PCI with IntravascuLar Ultrasound. The OPTIMAL Randomized Controlled Trial. Estudio de investigación clínica, controlado y aleatorizado OPTIMAL: optimización de la ICP en la arteria coronaria principal izquierda con. PI: ESCANED BARBOSA, JAVIER.

ECL.19/275. REDUCER-I: An Observational Study of the Neovasc Reducer™ System. REDUCER-I: estudio observacional del sistema Reducer™ de Neovasc. PI: ESCANED BARBOSA, JAVIER.

ECL.20/517. REGISTRO PROSPECTIVO, DE BRAZO UNICO, MULTICENTRICO, OBSERVACIONAL DE LITOTRIZIA CORONARIA PARA EL TRATAMIENTO DE LESIONES CALCIFICADAS EN ESPAÑA. PI: GONZALO LÓPEZ, MARÍA NIEVES.

ECL.21/445. ESTUDIO ECOLÓGICO PARA DESCRIBIR EL MANEJO DEL PACIENTE CON ASMA Y EPOC EN LOS SERVICIOS DE NEUMOLOGÍA Y EL IMPACTO DE LA SITUACIÓN PANDEMICA. PI: MACAYA TEN, FERNANDO.

ECL.21/455. RANDOMIZED CLINICAL TRIAL ASSESSING THE VALUE OF BETA-BLOCKERS AND ANTIPLATELET AGENTS IN PATIENTS WITH SPONTANEOUS CORONARY ARTERY DISSECTION. PI: MACAYA TEN, FERNANDO.

ECL.21/660. REGISTRO IMPACT-TIMING-GO: IMPACT OF TIME OF INTERVENTION IN PATIENTS WITH MYOCARDIAL INFARCTION WITH Non-ST SEGMENT ELEVATION. MANAGEMENT AND OUTCOMES. PI: SALINAS SANGUINO, PABLO.

ECL.21/389. DIAGNÓSTICO Y MANEJO CLÍNICO DE LA DISFUNCIÓN MICRO-CIRCULATORIA EN PACIENTES CON SÍNDROME COVID CRÓNICO CON DOLOR TORÁCICO DE NUEVA APARICIÓN. PI: ESCANED BARBOSA, JAVIER.”

ECL.21/602. DISTAL EVALUATION OF FUNCTIONAL PERFORMANCE WITH INTRAVASCULAR SENSORS TO ASSESS THE NARROWING EFFECT: GUIDED PHYSIOLOGIC STENTING. PI: ESCANED BARBOSA, JAVIER.”

ISQUEMIA CTO. Ensayo aleatorizado en el contexto nórdico y español sobre los efectos del tratamiento médico óptimo o revascularización de las oclusiones coronarias totales crónicas con isquemia miocárdica. Clinical Trials. gov NCT03563417. PI: ESCANED BARBOSA, JAVIER.

EC. BIOTRONIK-Safety and clinical performance of the drug eluting absorbable metal scaffold (dreams 2nd generation) in the treatment of subjects with the novo lesions in native coronary arteries: Biosolve II. PI: GONZALO LÓPEZ, MARÍA NIEVES.

EC. The primary objectives of trial are: In patients at high –risk for restenosis, to assess Non inferiority pf everolimus-eluting bioresorbable scaffold (BRS) to the everolimus eluting cobalt chromium metallic stent (EES) in target lesion failure (TLF) at 1 year. To assess superiority of the BRS To the EES in TLF between 1 and 5 years. PI: ESCANED BARBOSA, JAVIER.

ECL.15/373. TlcaGrEloR and ABSORB Bioresorbable Vascular Scaffold implantation for recovery of vascular function after successful Chronic Total Occlusion recanalization. PI: ESCANED BARBOSA, JAVIER.

MAGSTEMI. MAGnesium-based bioresorbable scaffold and vasomotor function in patients with acute ST segment Elevation Myocardial Infarction: MAGSTEMI Trial . PI: SALINAS SANGUINO, PABLO.

PEBSI II. Balón liberador de Paclitaxel tras stent convencional vs stent liberador de fármaco en el infarto agudo con elevación de st. . PI: GONZALO LÓPEZ, MARÍA NIEVES.

EC. Registro de DISección COronaria espontánea (DISCO) . PI: ESCANED BARBOSA, JAVIER.

EC. Registro de DISección COronaria espontánea (DISCO) . PI: MACAYA TEN, FERNANDO.

TROMPA. Registro de TROMboembolia de Pulmón de moderado-Alto riesgo . PI: SALINAS SANGUINO, PABLO.

I-LITRO. Estudio Observacional de concordancia entre FFR e IFR para la valoración de lesiones intermedias en el tronco común izquierdo. Aplicación prospectiva de un valor de iFR predefinido para la valoración de lesiones intermedias en el tronco común izquierdo. PI: ESCANED BARBOSA, JAVIER.

I MODERN. Instantaneous wave free ratio guide Multi-vessel revascularization during percutaneous coronary intervention for acute myocardial infarction . PI: ESCANED BARBOSA, JAVIER.

MARVEL PILOT. Microcirculatory Status After Intravascular Lithotripsy. PI: ESCANED BARBOSA, JAVIER.

EC. Estudio LUDICO “Eficacia y seguridad del uso de laser coronario en lesiones “incruzables” o “indilatables”. PI: ESCANED BARBOSA, JAVIER.

EC. Advance Invasive Diagnosis (AID) strategy for patients with stable coronary syndromes undergoing coronary ANGIOgraphy (AID-ANGIO). PI: ESCANED BARBOSA, JAVIER.

CRATER. Coronary Rotational Atherectomy Elective Renal.Arterioctomía Rotacional electiva vs de rescate en pacientes con lesiones coronarias calcificadas graves e insuficiencia renal crónica. PI: SALINAS SANGUINO, PABLO.

SUGAR. Estudio prospectivo, multicéntrico y aleatorizado (stent sin polímero liberador de Sirolimus vs stent con polímero liberador de Zotarolimus) en el tratamiento percutáneo de pacientes diabéticos con enfermedad coronaria. PI: SALINAS SANGUINO, PABLO.

PPG global Registry: Prospective multicenter evaluation of the PPG index. PI: ESCANED BARBOSA, JAVIER.

FAVOR III. Ensayo Clínico aleatorizado internacional iniciado por investigadores, que compara la revascularización coronaria guiada por QFR con revascularización coronaria guiada por FFR en pacientes con enfermedad arterial coronaria estable con estenosis intermedias. PI: MEJÍA RENTERÍA, HERNÁN DAVID.

CV.2

Cardiovascular Imaging

Non Competitive Funding

ECL.21/554. ENSAYO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO QUE EVALÚA EL IMPACTO DE INCLISIRÁN EN LOS ACONTECIMIENTOS CARDIOVASCULARES ADVERSOS MAYORES EN PARTICIPANTES CON ENFERMEDAD CARDIOVASCULAR ESTABLECIDA (VICTORION-2 PREVENT). PI: PÉREZ DE ISLA, LEOPOLDO.

ECL.22/187. ESTUDIO DE FASE IIIB, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE GRUPOS PARALELOS QUE EVALÚA EL EFECTO DE INCLISIRÁN EN LA PROGRESIÓN DE LA PLACA ATHEROSCLERÓTICA EVALUADA MEDIANTE ANGIOGRAFÍA CORONARIA POR TOMOGRAFÍA COMPUTARIZADA EN PARTICIPANTES CON UN DIAGNÓSTICO DE ENFERMEDAD ARTERIAL CORONARIA NO OBSTRUCTIVA SIN ACONTECIMIENTOS CARDIOVASCULARES PREVIOS (VICTORION-PLAQUE). PI: PÉREZ DE ISLA, LEOPOLDO.

ECL.22/378. ESTUDIO MULTICÉNTRICO Y TRANSVERSAL PARA CARACTERIZAR LA DISTRIBUCIÓN DE LOS NIVELES DE LIPOPROTEÍNA(A) ENTRE PACIENTES CON ANTECEDENTES DOCUMENTADOS DE ENFERMEDAD CARDIOVASCULAR ATHEROSCLERÓTICA (ECVA). PI: PÉREZ DE ISLA, LEOPOLDO.

ECL.20/519(A). Tratamiento de pacientes dislipémicos con alto riesgo y muy alto riesgo para la prevención de eventos cardiovasculares en Europa - Estudio Multinacional Observacional (SANTORINI). PI: PÉREZ DE ISLA, LEOPOLDO.

CV.4

Arrhythmia

Non Competitive Funding

ECL.15/398. APIXABÁN PARA LA REDUCCIÓN DE TROMBOEMBOLISMO EN PACIENTES CON FIBRILACIÓN AURICULAR SUBCLÍNICA DETECTADA POR UN DISPOSITIVO. PI: PÉREZ CASTELLANO, NICASIO.

ECL.21/641. BoStOn SCientific Rhythm MAnagement REgiStry (SOCRATES). PI: PÉREZ CASTELLANO, NICASIO.

ECL.17/507. Crioablación de venas pulmonares vs fármacos antiarrítmicos vs fibrilación auricular persistente (CRAFT). PI: PÉREZ CASTELLANO, NICASIO.

ECL.21/570. ESTUDIO CLÍNICO FUNDAMENTAL DE FASE 3, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL ESTIMULADOR DE LA GCS VERICIGUAT/MK-1242 EN ADULTOS CON INSUFICIENCIA CARDÍACA CRÓNICA CON FRACCIÓN DE EYECCIÓN REDUCIDA. PI: GOIRIGOLZARRI ARTAZA, JOSEBE.

ECL.20/470. High radiofrequency POWER for FASTER and Safer pulmonary veins ablation Trial (POWER FAST III). Aplicaciones de radiofrecuencia de alta potencia para ablación de venas pulmonares más rápida y segura – ensayo POWER FAST II. PI: PÉREZ CASTELLANO, NICASIO.

ECL.22/043. INTELIGENCIA ARTIFICIAL APLICADA AL PACING. (IA-pacing). PI: PÉREZ CASTELLANO, NICASIO.

ECL.2016/015. Non-vitamin K antagonist Oral anticoagulants in patients with Atrial High rate episodes. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

ECL.21/450. SEGURIDAD Y RENDIMIENTO DE LAS SONDAS DF4 VENTRICULARES INVICTA CON FIJACIÓN ACTIVA. PI: PÉREZ CASTELLANO, NICASIO; PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN.

CV.6

Group on Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases

Non Competitive Funding

ECL.20/667. Estudio de fase 3, aleatorizado, doble ciego y controlado con placebo para evaluar la eficacia, la seguridad y la tolerabilidad de brenscatib administrado una vez al día durante 52 semanas en sujetos con bronquiectasias sin fibrosis quística: estudio ASPEN. PI: RODRIGUEZ HERMOSA, JUAN LUIS."

ECL.22/276. A PHASE IIa, RANDOMIZED, DOUBLE BLIND, PLACEBO CONTROLLED STUDY TO ASSESS THE EFFECT OF PBF-680 IN PATIENTS WITH MODERATE TO SEVERE COPD ON TOP OF THE STANDARD MEDICATION. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

ECL.20/182. A Randomized, Double-blind, Placebo-controlled, Parallel-group, 52-week Pivotal Study to Assess the Efficacy, Safety, and Tolerability of Dupilumab in Patients with Moderate-to-severe Chronic Obstructive Pulmonary Disease (COPD) with Type 2 inflammation//. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

ECL.22/507. ESTUDIO DE 52 SEMANAS ALEATORIZADO, CON DOBLE CIEGO Y CON DOBLE SIMULACIÓN, CONTROLADO CON PLACEBO Y TRATAMIENTO ACTIVO (ROFLUMILAST, DALIRESP® 500 µg) Y DE GRUPOS PARALELOS PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE DOS DOSIS DE CHF6001 ADMINISTRADAS CON INHALADOR DE POLVO SECO (DPI) COMO COMPLEMENTO A UN TRATAMIENTO TRIPLE DE MANTENIMIENTO EN PACIENTES CON ENFERMEDAD PULMONAR OBSTRUCTIVA CRÓNICA (EPOC) Y BRONQUITIS CRÓNICA. PI: RODRIGUEZ HERMOSA, JUAN LUIS."

ECL.22/508. ESTUDIO DE 52 SEMANAS, ALEATORIZADO, CON ENMASCARAMIENTO DOBLE, CONTROLADO CON PLACEBO, CON GRUPOS PARALELOS, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE DOS DOSIS DE CHF6001

ADMINISTRADAS CON INHALADOR DE POLVO SECO (DPI) COMO COMPLEMENTO A UN TRATAMIENTO TRIPLE DE MANTENIMIENTO DE SUJETOS CON ENFERMEDAD PULMONAR OBSTRUCTIVA CRÓNICA (EPOC) Y BRONQUITIS. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

ECL.21/682. ESTUDIO DE FASE IIB, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ASTEGOLIMAB EN PACIENTES CON ENFERMEDAD PULMONAR OBSTRUCTIVA CRÓNICA. PI: CALLE RUBIO, MYRIAM.

ECL.19/128. Fabricación de prototipos para formación clínica mediante tecnología de impresión 3D. PRINT-BONE. PI: IGLESIAS MORENO, Mª CRUZ.

ECL.13/144. GREAT GLOBAL REGISTRY ENDOVASCULAR AORTA TREATMENT. PI: SERRANO HERNANDO, FRANCISCO JAVIER.

IIR-ES-00005. Spike protein subunits of SARS-CoV-2 alters mitochondrial metabolism in human pulmonary microvascular endothelial cells. Involvement of Factor Xa. PI: JOSE JAVIER ZAMORANO LEÓN.

20/615-E. ESTUDIO SOBRE LA CARGA QUE SUPONE PARA EL SISTEMA SANITARIO Y LOS PACIENTES LA TOS CRÓNICA REFRACTARIA O INEXPLICADA. PI: RODRIGUEZ HERMOSA, JUAN LUIS.

C.I. 21/544-E. IMPACTO CLÍNICO DE LA PRESENCIA DE INFECCIÓN BRONQUIAL CRÓNICA EN PACIENTES CON EPOC. ESTUDIO PROSPECTIVO MULTICÉNTRICO. PI: RODRIGUEZ HERMOSA JUAN LUIS.

C.I. 22/299-E. ANÁLISIS DEL ASMA QUE HOSPITALIZA. PI: RODRIGUEZ HERMOSA JUAN LUIS.

327

CV.7

Valvular Pathology and Large Vessels

Non Competitive Funding

ECL.21/211. PRIMER ESTUDIO CLÍNICO EN HUMANOS PARA EL TRATAMIENTO DE LA INSUFICIENCIA MITRAL GRAVE CON EL SISTEMA TRANSCATETERIZADO DE VÁLVULA MITRAL EPYON™ - (MINERVA FII). PI: MAROTO CASTELLANOS, LUIS CARLOS.

ECL.21/534. REGISTRO OBSERVACIONAL MULTICÉNTRICO POSVENTA DEL SISTEMA DE IMPLANTACIÓN DE CUERDAS ARTIFICIALES NEOCHORD. PI: MAROTO CASTELLANOS, LUIS CARLOS.

ECL.18/148. Registro universal de implantación de prótesis de válvula aórtica de Sorin- SURE_AVR. PI: MAROTO CASTELLANOS, LUIS CARLOS.

ECL.19/491. Terapia antibiótica corta comparada con el tratamiento antibiótico convencional en pacientes con endocarditis infecciosa por cocos gram positivos: ensayo clínico aleatorizado. PI: OLMOS BLANCO, CARMEN.

CV.8

Translational Research in Acute Myocardial Syndromes (INTEGRA)

Competitive Funding

AFO.MICINN.21. Clinical trial to evaluate the administration of ApTOLL in Acute Myocardial Infarction. APSTEMI. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

REFORM. A Prospective, Randomized, Non-Inferiority Trial to Determine the Safety and Efficacy of the Biolimus A9TM Drug Coated Balloon for the Treatment of In-Stent Restenosis: First-in-Man Trial. PI: FERNANDEZ ORTIZ ANTONIO IGNACIO.

KISS. Keep Bifurcation Single Stenting Simple. PI: FERNANDEZ ORTIZ ANTONIO IGNACIO.

A phase III, double-blind, randomized placebo-controlled study to evaluate the effects of dalcetrapib on cardiovascular (CV) risk in a genetically defined

population with a recent Acute Coronary Syndrome (ACS). PI: FERNANDEZ ORTIZ ANTONIO IGNACIO.

Tako-Tsubo-Brain Project. Estudio para identificar los mecanismos psicológicos, neuropsicológicos del SD de Tako-Subo. PI: NUÑEZ GIL; IVÁN JAVIER.

SOS AMI. Estudio multicéntrico, doble ciego, aleatorizado, controlado por placebo y con grupos paralelos para evaluar la eficacia y la seguridad de selatogrel subcutáneo, autoadministrado para la prevención de la mortalidad total y el tratamiento del infarto agudo de miocardio. PI: FERNANDEZ ORTIZ ANTONIO IGNACIO. Funding organisation: IDORSIA.

Non Competitive Funding

ECL.22/305. CATALYST: INVESTIGACIÓN CLÍNICA EN PACIENTES CON FIBRILACIÓN AURICULAR QUE COMPARA EL TRATAMIENTO DE OCLUSIÓN DE LA OREJUELA AURICULAR IZQUIERDA CON EL TRATAMIENTO CON ANTICOAGULANTES ORALES NO ANTAGONISTAS DE LA VITAMINA K. PI: VIVAS BALCONES, LUIS DAVID.

ECL.18/259. Estudio de fase 3, multicéntrico, doble ciego, aleatorizado, controlado con placebo y de grupos paralelos para investigar la eficacia y seguridad de CSL112 en pacientes con síndrome coronario agudo. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.22/347. ESTUDIO DE FASE II, MULTICÉNTRICO, ALEATORIZADO, PARALELO, DE TRES GRUPOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CDR132L EN PACIENTES CON FRACCIÓN DE YECCION VENTRICULAR IZQUIERDA REDUCIDA ($\approx 45\%$) DESPUÉS DE UN INFARTO DE MIOCARDIO (HF-REVERT). PI: VIVAS BALCONES, LUIS DAVID.

ECL.20/692. ESTUDIO DE FASE III MULTICÉNTRICO, ABIERTO Y DE UN SOLO GRUPO DE PB2452 EN PACIENTES TRATADOS CON TICAGRELOR CON HEMORRAGIA MAYOR O POTENCIALMENTE MORTAL NO CONTROLADA O QUE REQUIERAN UNA INTERVENCIÓN QUIRÚRGICA O UN PROCEDIMIENTO INVASIVO URGENTES. PI: VIVAS BALCONES, LUIS DAVID.

ECL.2016/029. Estudio de fase III, aleatorizado, doble ciego y controlado con placebo para evaluar los efectos de dalcetrapib sobre el riesgo cardiovascular (CV) en una población definida genéticamente con síndrome coronario agudo reciente (SCA): el ensayo dal-GenE. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.20/724. ESTUDIO EN FASE IIB, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE GRUPOS PARALELOS PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE MEDI6570 EN PARTICIPANTES CON UN INFARTO DE MIOCARDIO PREVIO, INFLAMACIÓN PERSISTENTE Y NIVELES ELEVADOS

DE PROHORMONA N-TERMINAL DEL PÉPTIDO NATRIURÉTICO CEREBRAL. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.21/454. Estudio multicéntrico, doble ciego, aleatorizado, controlado con placebo y con grupos paralelos para evaluar la eficacia y la seguridad de selatogrel subcutáneo autoadministrado para la prevención de la mortalidad total y el tratamiento del infarto agudo de miocardio en sujetos con antecedentes recientes de infarto agudo de miocardio. PI: FERNÁNDEZ ORTIZ, ANTONIO IGNACIO.

ECL.19/093. Registro Global SYMPPLICITY. PI: NÚÑEZ GIL, IVÁN JAVIER.

REBBOTT. TREATment with Beta-blockers after myOcardial infarction with-Out reduced ejection fracTion (tratamiento con betabloqueantes tras infarto de miocardio sin fracción de eyección reducida). PI: FERNANDEZ ORTIZ ANTONIO IGNACIO.

REGISTRO RANSOM. Denervación renal en disautonomía. REGISTRO RANSOM (Renal Arterial deNervation in Sympathetic dysautonOMia). PI: NUÑEZ GIL; IVÁN JAVIER.

GRS DEFINE Registry. Estudio Observacional. Registro de producto sanitario. PI: NUÑEZ GIL; IVÁN JAVIER.

HOPE-COVID19. HOPE-COVID19:Anticoagulation Therapy in Patients With Coronavirus Disease 2019: Results From a Multicenter International Prospective Registry (Health Outcome Predictive Evaluation for Corona Virus Disease 2019 [HOPE-COVID19]). PI: NÚÑEZ GIL, IVÁN JAVIER.

ECL.21/764. REGISTRO DE LA PROFILAXIS CARDIOEMBÓLICA DE LOS PACIENTES CON CÁNCER EN TRATAMIENTO ONCOESPECÍFICO. PI: VIVAS BALCONES, LUIS DAVID.

CV.10

Myocardial regeneration therapy and structural pathology

Competitive Funding

CM21/00091. Contrato Río Hortega: Gabriela Tirado. PI: NOMBELA FRANCO, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181297. Utilidad de la amiodarona en la prevención de la fibrilación auricular de nueva aparición después del implante de una válvula aórtica transcaterter: ensayo clínico aleatorizado. PI: NOMBELA FRANCO, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.20/492. Comparison of Anticoagulation with Left Atrial Appendage Closure after AF Ablation (OPTION). PI: NOMBELA FRANCO, LUIS.

ECL.21/032. DAPAGLIFLOZINA DESPUÉS DEL IMPLANTE DE PRÓTESIS VALVULAR AÓRTICA PERCUTÁNEA (DAPATAVI). PI: NOMBELA FRANCO, LUIS.

ECL.20/576. Discontinuation of AntiThrombotic Treatment Following Patent Foramen Ovale Closure in Young Patients with Cryptogenic Stroke. The HALTI trial. PI: NOMBELA FRANCO, LUIS.

ECL.20/723. PROTECTED TAVR: PROTECCIÓN FRENTE A ACCIDENTES Cerebrovasculares con SENTINEL DURANTE LA SUSTITUCIÓN DE LA VÁLVULA AÓRTICA TRANSCATÉTER (PROTECTED TAVR, POR SUS SIGLAS EN INGLÉS) (STROKE PROTECTION WITH SENTINEL DURING TRANSCATHETER AORTIC VALVE REPLACEMENT). PI: NOMBELA FRANCO, LUIS.

ECL.14/024. MONITORIZACIÓN ELECTROCARDIOGRÁFICA AMBULATORIA PARA LA DETECCIÓN DE BLOQUEO AURÍCULO-VENTRICULAR DE ALTO GRADO EN PACIENTES QUE DESARROLLAN UN BLOQUEO DE RAMA IZQUIERDA PERSISTENTE TRAS EL REEMPLAZO DE LA VÁLVULA AÓRTICA POR VÍA PERCUTÁNEA. ESTUDIO MARE. PI: NOMBELA FRANCO, LUIS.

ECL.21/658. ESTABLECIMIENTO DE UNA REFERENCIA PARA LA UTILIZACIÓN DE RECURSOS Y LA CALIDAD DE ASISTENCIA EN PACIENTES SOMETIDOS A LA IMPLANTACIÓN TRANSCATÉTER DE UNA VÁLVULA AÓRTICA EN EUROPA. PI: NOMBELA FRANCO, LUIS."

ECL.18/217. Reducción de los síntomas de congestión pulmonar utilizando la derivación V-wave en la insuficiencia cardíaca avanzada. PI: NOMBELA FRANCO, LUIS.

ECL.21/685. PRIMERA INVESTIGACIÓN CLÍNICA EN HUMANOS DEL CATÉTER PARA ANGIOPLASTIA CORONARIA TRANSLUMINAL PERCUTÁNEA RECUBIERTO DE EVEROLIMUS DE CHANSU VASCULAR TECHNOLOGIES: EVALUACIÓN CLÍNICA EN EL TRATAMIENTO DE SUJETOS CON REESTENOSIS INTRASTENT DE LESIONES DE ARTERIAS CORONARIAS TRATADAS PREVIAMENTE. PI: JIMÉNEZ QUEVEDO, PILAR.

ECL.22/477. SAVVYWIRE™ EFICACIA Y SEGURIDAD EN LOS PROCEDIMIENTOS DE IMPLANTACIÓN TRANSCATÉTER DE VÁLVULAS AÓRTICAS. PI: NOMBELA FRANCO, LUIS."

ECL.22/479. SINGLE ANTIPLATELET THERAPY WITH TICAGRELOR VS ASPIRIN AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION: MULTICENTER RANDOMIZED CLINICAL TRIAL. PI: NOMBELA FRANCO, LUIS.

ECL.18/328. Tiara. Transcatheter Mitral Valve Replacement Study (TIARA-II). PI: NOMBELA FRANCO, LUIS.

ECL.22/319. TRICUS REGISTRY - SEGUIMIENTO CLÍNICO RETROSPECTIVO, PROSPECTIVO Y MULTICÉNTRICO DE PACIENTES CON REGURGITACIÓN TRICÚSPIDEA SEVERA TRAS TRATAMIENTO CON EL SISTEMA DE VÁLVULAS BICAVALES TRANSCATÉTER TRICVALVE®. PI: NOMBELA FRANCO, LUIS.

ECL.22/132. VALIDACIÓN CLÍNICA Y EVALUACIÓN PRONÓSTICA DEL ALINEAMIENTO COMISURAL PRECISO DURANTE EL IMPLANTE DE PRÓTESIS AÓRTICA TRANSCATÉTER (ACA). PI: NOMBELA FRANCO, LUIS."

ECL.19/147. Utilidad de la amiodarona en la prevención de la fibrilación auricular de nueva aparición después del implante de una válvula aórtica transcatheter: Ensayo clínico aleatorizado. PI: NOMBELA FRANCO, LUIS.

CV.11

Cardiovascular Risk

Competitive Funding

P2018/EMT-4329. AIRTEC-CM: EVALUACIÓN INTEGRAL DE LA CALIDAD DEL AIRE URBANO Y CAMBIO CLIMÁTICO. PI: GÓMEZ GARRE, DULCENOMBRE. Funding organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PI21/00838. Comunicación huésped-microbiota intestinal a través de vesículas extracelulares en el desarrollo y progresión de la insuficiencia cardíaca. Búsqueda de nuevos biomarcadores. PI: GÓMEZ GARRE, DULCENOMBRE. Funding organisation: INSTITUTO DE SALUD CARLOS III.

MMB.C01FEMI19. Estratificación pronóstica y terapéutica mediante la escala PROFUND en pacientes pluripatológicos con Insuficiencia Cardíaca. Registro PROFUND-IC. PI: MENDEZ BAILON, MANUEL. Funding organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA SEMI.

Non Competitive Funding

ECL.16/557. Estudio no intervencionista sobre el tratamiento con edoxabán en la práctica clínica habitual para pacientes con fibrilación auricular no valvular. PI: MENDEZ BAILON, MANUEL.

ECL.19/093. Registro Global SYMPPLICITY. PI: GARCIA DONAIRE, JOSE ANTONIO.

ECL.21/565. TRATAMIENTO CARDIOVASCULAR Y RENAL EN PACIENTES CON INSUFICIENCIA CARDÍACA CON HIPERTENSIÓN O CON ALTO RIESGO DE HIPERTENSIÓN. PI: MENDEZ BAILON, MANUEL.

20/512-E_COVID. Alteración de la respuesta inmune mediada por el zinc en pacientes con infección aguda por SARS-CoV-2. PI: CORBATÓN ANCHUELO, ARTURO.

ECL.20/519(B). Tratamiento de pacientes dislipémicos con alto riesgo y muy alto riesgo para la prevención de eventos cardiovasculares en Europa - Estudio Multinacional Observacional (SANTORINI). PI: MENDEZ BAILON, MANUEL.

ACA.C01FEMI19. ESTUDIO PILOTO EN TRES CENTROS DE LA PROVINCIA DE SEGOVIA DE UNA COHORTE EN SEGUIMIENTO. ESTUDIO DE SÍNDROME METABÓLICO, DIETA Y CARACTERIZACIÓN DE LA MICROBIOTA INTESTINAL. PI: CORBATÓN ANCHUELO, ARTURO. Funding organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA SEMI.

IIIA.1

Allergy

Competitive Funding

CM21/00080. Contrato Rio Hortega: Natalia Freundt. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191095. Gravedad de las reacciones alérgicas: del fenotipo al endotipo. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI19/01095. Gravedad de las reacciones alérgicas: del fenotipo al endotipo. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI19/00044. Patología alérgica grave: validación de biomarcadores y nuevas estrategias de intervención. PI: SANCHEZ MORILLAS, LETICIA; MARCHAN PINEDO, NEREA (colaboradoras). Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI19/01273. Estudio de la alteración de la barrera mucosa en las enfermedades alérgicas. PI: SANCHEZ MORILLAS, LETICIA (colaboradora). Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.22/159. ENSAYO CLÍNICO FASE III MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO, EN GRUPOS PARALELOS, QUE EVALÚA LA EFICACIA CLÍNICA Y SEGURIDAD DE LA INMUNOTERAPIA CON EL ALÉRGENO MAYOR PURIFICADO CUP A 1, EN PACIENTES CON RINOCONJUNTIVITIS ALÉRGICA MODERADA/ GRAVE CON O SIN ASMA CONTROLADO, SENSIBILIZADOS A CUPRESÁCEAS. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT.

ECL.17/491. ESTUDIO MULTICÉNTRICO, ABIERTO, DE SEGURIDAD A LARGO PLAZO DE LA INMUNOTERAPIA CARACTERIZADA POR LA DESENSIBILIZACIÓN ORAL DE AR101 EN LOS SUJETOS QUE PARTICIPARON EN UN ESTUDIO ANTERIOR SOBRE AR101. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT.

ECL.21/551. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO DE 52 SEMANAS DE DURACIÓN PARA EVALUAR LA EFICACIA CLÍNICA Y LA SEGURIDAD DE LIGELIZUMAB (QGE031) EN

LA DISMINUCIÓN DE LA SENSIBILIDAD A LOS CACAHUETES EN PACIENTES CON ALERGIAS AL CACAHUETE. PI: FERNÁNDEZ RIVAS, MARÍA MONTSERRAT.

CONV21/036. NDA en relación Estudio multicéntrico, abierto, controlado, aleatorizado, para evaluar la eficacia de la aplicación OITcontrol en la monitorización de los pacientes en ITO con alimentos". PI: VÁZQUEZ CORTÉS, SONIA.

22/502-E. Co-sensibilización a Pru p 3 y Pru p 7 y asociación a gravedad. PI: VERA BERRIOS; ROSALZIRA NATASHA (colaboradora).

21/225-EC_P. ESTUDIO MULTICÉNTRICO, ABIERTO, CONTROLADO, ALEATORIZADO, PARA EVALUAR LA EFICACIA DE LA APLICACIÓN OITCONTROL EN LA MONITORIZACIÓN DE LOS PACIENTES EN ITO CON ALIMENTOS. PI: VÁZQUEZ CORTÉS, SONIA.

IIIA.2

Genetics and molecular bases of complex diseases

Competitive Funding

CNP.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CNP.ACSG.21. Caracterización de la enfermedad celíaca no HLA-DQ2.5. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding organisation: ASOCIACIÓN DE CELÍACOS Y SENSIBLES AL GLUTEN.

ICI21/00022. Eficacia y seguridad del Cromoglicato en como nuevo tratamiento sintomático en pacientes con Esclerosis Múltiple: ESTUDIO CAMINA. PI: OREJA GUEVARA, CELIA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.180989. Enfermedad celíaca seronegativa: caracterización y búsqueda de biomarcadores. Aplicación al estudio de enfermedad inflamatoria intestinal. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00271. Enfoque multifactorial frente al diagnóstico del amplio espec-

tro de la enfermedad celíaca. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

CNP.FACE.22. Estudio prospectivo en enfermedad celíaca potencial: búsqueda de biomarcadores de evolución a atrofia vellositaria y respuesta a dieta sin gluten. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN. Funding organisation: FEDERACIÓN DE ASOCIACIONES DE CELÍACOS DE ESPAÑA (FACE).

PI20/01634. Explorando los orígenes del daño en Esclerosis Múltiple. PI: URCELAY GARCÍA, ELENA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI20/01634. Explorando los orígenes del daño en Esclerosis Múltiple. PI: ESPINO PAISÁN, LAURA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FPU20/03387. FPU Adela González Jiménez. PI: URCELAY GARCÍA, ELENA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACIÓN.

IFEQ21/00014. Terapia Celular en Oncología (TERCELO). PI: URCELAY GARCÍA, ELENA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.20/668. A 2-year extension study to evaluate long-term effectiveness of Mavenclad® in participants who have completed Trial MS700568_0022 (MAGNIFY MS). Estudio de extensión de 2 años para evaluar la eficacia a largo plazo de Mavenclad® en participantes del ensayo MS700568_0022 (MAGNIFY MS). PI: OREJA GUEVARA, CELIA.

CONV17/006. Acuerdo colaboración. Se autoriza uso parte protocolo proyecto Dra. Nuñez Pardo, quien actuará como co-IP del Proyecto Mutua Terrassa. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN.

ECL.2017/043. Ensayo de fase III, abierto, aleatorizado, multicéntrico y controlado para evaluar la farmacocinética y farmacodinámica de edoxabán y comparar la eficacia y seguridad de edoxabán con un tratamiento estándar anticoagulante en SUJETOS pediátricos desde el nacimiento hasta antes de los 18 años con tromboembolismo.

SAR442168 -Estudio de eficacia y seguridad de fase 3, aleatorizado y doble ciego que compara SAR442168 con placebo en participantes con esclerosis múltiple secundaria progresiva no recidivante / Phase 3, randomized, double-blind, efficacy and safety study comparing SAR442168 to placebo in participants with Nonrelapsing secondary progressive multiple sclerosis (HERCULES). PI: OREJA GUEVARA, CELIA.

ECL.21/033. ESTUDIO ABIERTO, ALEATORIZADO, CON EVALUADOR CIEGO, MULTICÉNTRICO, DE BRAZOS PARALELOS, CON COMPARADOR ACTIVO PARA EVALUAR LA EFICACIA Y TOLERABILIDAD DE OFATUMUMAB 20 MG S.C. ADMINISTRADO MENSUALMENTE VS. TME DE PRIMERA LÍNEA A ELECCIÓN DEL MÉDICO EN EL TRATAMIENTO DE PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENTE (EMR) DE RECIENTE DIAGNÓSTICO (STHENOS). PI: OREJA GUEVARA, CELIA.

ECL.20/627. ESTUDIO ABIERTO, MULTICÉNTRICO Y DE UN SOLO GRUPO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA A LARGO PLAZO DE SATRALIZUMAB (SA237) EN PACIENTES CON UN TRASTORNO DEL ESPECTRO DE LA NEUROMIELITIS ÓPTICA (TENMO) A MULTICENTER, SINGLE ARM, OPEN-LABEL STUDY TO EVALUATE THE LONG-TERM SAFETY AND EFFICACY OF SATRALIZUMAB IN PATIENTS WITH NEUROMYELITIS OPTICA SPECTRUM DISORDER (NMOSD). PI: OREJA GUEVARA, CELIA.

ECL.21/740. ESTUDIO ALEATORIZADO, DOBLE CIEGO CON DOBLE ENMASCARAMIENTO Y GRUPOS PARALELOS EN EL QUE SE COMPARA LA EFICACIA Y SEGURIDAD DE REMIBRUTINIB FRENTE A TERIFLUNOMIDA EN PARTICIPANTES CON ESCLEROSIS MÚLTIPLE RECURRENTE, SEGUIDO DE UNA EXTENSIÓN ABIERTA DEL TRATAMIENTO CON REMIBRUTINIB. PI: OREJA GUEVARA, CELIA.

ECL.21/395. ESTUDIO CLÍNICO EN FASE IV, MULTICÉNTRICO Y ABIERTO, PARA EVALUAR LA CONCENTRACIÓN DE LINFOCITOS B EN NIÑOS POTENCIALMENTE EXPUESTOS AL OCRELIZUMAB DURANTE EL EMBARAZO; ESTUDIO MINORE. PI: OREJA GUEVARA, CELIA.

ECL.2018/114. Estudio de extensión abierto, de brazo único y multicéntrico, para evaluar la seguridad, tolerabilidad y eficacia a largo plazo de ofatumumab, en pacientes con esclerosis múltiple que cursa con brotes. PI: OREJA GUEVARA, CELIA.

ECL.10/291. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DE GRUPOS PARALELOS, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE OCRELIZUMAB EN ADULTOS CON ESCLEROSIS MÚLTIPLE PROGRESIVA PRIMARIA. PI: OREJA GUEVARA, CELIA.

ECL.21/589. ESTUDIO DE FASE III, PROSPECTIVO, MULTICÉNTRICO, RANDOMIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE 96 SEMANAS PARA COMPARAR LA EFICACIA Y SEGURIDAD DEL AJUSTE DE DOSIS DE MASITINIB A 4,5 MG/KG/DÍA FRENTE A PLACEBO EN EL TRATAMIENTO DE PACIENTES CON ESCLEROSIS MÚLTIPLE PRIMARIA PROGRESIVA O SECUNDARIA PROGRESIVA SIN RECIDIVAS. PI: OREJA GUEVARA, CELIA."

ECL.21/388. ESTUDIO DE FASE IV, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA CONCENTRACIÓN DE LINFOCITOS B EN LACTANTES DE MUJERES EN PERÍODO DE LACTANCIA AFECTADAS DE SCA O EM QUE RECIBEN OCRELIZUMAB (ESTUDIO SOPRANINO). PI: OREJA GUEVARA, CELIA.

ECL.22/107. ESTUDIO DE PROLONGACIÓN MULTICÉNTRICO, DE UN SOLO GRUPO, ABIERTO Y DE EXTENSIÓN PARA EVALUAR LA SEGURIDAD Y LA EFICACIA A LARGO PLAZO DE OCRELIZUMAB EN PACIENTES CON ESCLEROSIS MÚLTIPLE. PI: OREJA GUEVARA, CELIA."

ECL.20/430. Estudio en fase 3, aleatorizado, doble ciego para evaluar la eficacia y seguridad del tratamiento con SAR442168 frente a teriflunomida (Aubagio®) en pacientes con esclerosis múltiple recidivante (GEMINI 2). PI: OREJA GUEVARA, CELIA.

ECL.20/018. Estudio multicéntrico, abierto, controlado con placebo externo y de fase III para evaluar la eficacia y la seguridad de ravulizumab en pacientes adultos con trastorno del espectro de neuromielitis óptica (NMOSD). PI: OREJA GUEVARA, CELIA.

ECL.20/210. ESTUDIO MULTICÉNTRICO, ABIERTO, PROSPECTIVO Y DE BRAZO ÚNICO PARA EVALUAR LA EFECTIVIDAD DEL TRATAMIENTO CON OFATUMUMAB Y LOS RESULTADOS COMUNICADOS POR EL PACIENTE, EN PACIENTES CON ESCLEROSIS MÚLTIPLE RECURRENTE (EMR) QUE PASAN DE TERAPIAS APROBADAS PARA LA EMR BASADAS EN FUMARATO O FINGOLIMOD A OFATUMUMAB. PI: OREJA GUEVARA, CELIA."

ECL.15/291. ESTUDIO POSTAUTORIZACIÓN DE SEGURIDAD, ROSPECTIVO, MULTICÉNTRICO Y OBSERVACIONAL PARA EVALUAR EL PERFIL DE SEGURIDAD A LARGO PLAZO DEL TRATAMIENTO CON LEMTRADA® (ALEMTUZUMAB) EN PACIENTES CON FORMAS RECIDIVANTES DE ESCLEROSIS MÚLTIPLE. PI: OREJA GUEVARA, CELIA.

ECL.20/740. EXPLORANDO LA DISFUNCIÓN MITOCONDRIAL: ¿EL ORIGEN DE LA ESCLEROSIS MÚLTIPLE?. PI: URCELAY GARCÍA, ELENA.

ECL.22/474. OBSERVATIONAL RETROSPECTIVE STUDY TO ASSESS THE USE OF SIPONIMOD (MAYZENT) ON PATIENTS WITH SECONDARY PROGRESSIVE MULTIPLE SCLEROSIS IN CLINICAL PRACTICE IN SPAIN - RESYZE STUDY. PI: OREJA GUEVARA, CELIA."

ECL.16/066. Registro español de pacientes tratados con acetato de glatiramer (Copaxone®) 40 mg/ml. PI: OREJA GUEVARA, CELIA.

ECL.21/774. CARACTERIZACIÓN DE LA ENFERMEDAD CELÍACA NO HLA-DQ2.5. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN.

ECL.21/277. Enfoque multifactorial frente al diagnóstico del amplio espectro de la enfermedad celíaca (Comprehensive approach facing the diagnostic challenge of the broad spectrum of celiac disease). PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN.

ECL.22/001. ESTUDIO PROSPECTIVO DE PACIENTES CON ENFERMEDAD CELÍACA POTENCIAL. PI: NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN.

COG.M01NOV. Evaluación de la utilidad de la resonancia magnética (RM) y tomografía de coherencia óptica (OCT) en la identificación precoz de daño axonal y neurodegeneración en pacientes con esclerosis múltiple remitente recurrente (EMRR). PI: OREJA GUEVARA, CELIA.

IIIA.3

Musculoskeletal Pathology

Competitive Funding

FIS.180026. Exploración y validación de nuevas dianas terapéuticas de la vía Wnt/ β -catenina para modular el potencial regenerativo de Células Madre Mesenquimales en la artrosis. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ICI19/00020. Eficacia, seguridad y coste-efectividad del metotrexato, adalimumab, o su combinación en uveítis no anterior no infecciosa: un estudio multicéntrico, aleatorizado, paralelo de 3 brazos, con control activo, de fase 3, abierto, con evaluador cegado: Co-THEIA (CombinationTherapy with mEthotrexate and adalimumAb for uveitis) -- Efficacy, safety and cost-effectiveness of methotrexate, adalimumab, or their combination in Non infectious Non anterior uveitis: a multicenter, randomized, parallel 3 arm, active-controlled, phase 3 open label with blinded outcome assessment study. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

LRR.SORCOM.20. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding organisation: SOCIEDAD DE REUMATOLOGÍA DE LA COMUNIDAD DE MADRID SORCOM.

PI20/01221. Estudio de la evolución y factores asociados a la Calidad de Vida relacionada con la visión y con la salud en sujetos con uveítis no infecciosa: un análisis longitudinal. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00781. Evaluación de aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro 'tissue in a chip' e in vivo. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

CEE.13/1-II. ESTUDIO DE LA REPARACIÓN DE LAS LESIONES DEL MAN-GUITO ROTADOR MEDIANTE COMPUESTOS TRANSPORTADOR-RH-BMP-CELULAS. PI: MARCO MARTÍNEZ, FERNANDO.

ECL.18/118. A Post-Market Domestic (US) and International Data Collection to Assess the Optetrak® Knee System" (Recogida de datos global post comercialización para valorar el sistema de rodilla Optetrak" de fecha 10 de Octubre de 2012. PI: MARCO MARTÍNEZ, FERNANDO.

ECL.19/120. GALACTIC-1 - Estudio de fase IIb, aleatorizado, doble ciego, multicéntrico, con grupos paralelos, controlado con placebo en pacientes con fibrosis pulmonar idiopática (FPI) para investigar la eficacia y la seguridad de TD139, un inhibidor de la galectina-3 inhalado administrado mediante un inhalador de polvo seco durante 52 semanas. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.20/137. CARACTERIZACIÓN Y CUSO CLÍNICO DE PACIENTES CON ENFERMEDAD PULMONAR INTERSTICIAL DIFUSA (EPID) DE ORIGEN AUTOINMUNE EN LA PRÁCTICA CLÍNICA DIARIA. DATOS DEL REGISTRO MULTICÉNTRICO NEREA. PI: ABÁSULO ALCAZAR, LYDIA.

ECL.20/254. Zephyrus II: Estudio de fase III3, aleatorizado, doble ciego, controlado con placebo, de eficacia y seguridad de pamrevlumab en sujetos con fibrosis pulmonar idiopática (FPI)β. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.20/448. Estudio observacional de la persistencia del tratamiento en la artritis psoriásica (Psoriatic Arthritis Observational Study of Persistence of Treatment) (Estudio PRO-SPIRIT). PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.20/510. Eficacia, seguridad y coste-efectividad del metotrexato, adalimumab, o su combinación en uveítis no anterior no infecciosa: un estudio multicéntrico, aleatorizado, paralelo de 3 brazos, con control activo, de fase 3, abierto, con evaluador cegado: Co-THEIA (CombinationTherapy with mEto-trexate and adallmumAb for uveitis). PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.20/686. ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PRM-151 EN PACIENTES CON FIBROSIS PULMONAR IDIOPÁTICA. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.20/687. ESTUDIO DE EXTENSIÓN EN ABIERTO DE FASE III PARA EVALUAR LA EFICACIA Y LA SEGURIDAD A LARGO PLAZO DE PRM-151 EN PACIENTES CON FIBROSIS PULMONAR IDIOPÁTICA (FPI). PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.20/733. COVID-X: COVID eXponential Programme. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

PI21/00781. Evaluación de aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro 'tissue in a chip' e in vivo. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00858. Regeneración del Cartílago articular mediante terapia celular basada en hidrogeles termosensibles. PI: LOPIZ MORALES, YAIZA, MARCO MARTÍNEZ, FERNANDO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ECL.20/739. ESTUDIO DE LA EVOLUCIÓN Y FACTORES ASOCIADOS A LA CALIDAD DE VIDA RELACIONADA CON LA VISIÓN Y CON LA SALUD EN SUJETOS CON UVEÍTIS NO INFECCIOSA: UN ANÁLISIS LONGITUDINAL. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

ECL.2019/008. Estudio multicéntrico, aleatorizado, doble ciego y controlado con placebo para evaluar la seguridad y la eficacia de upadacitinib en sujetos con arteritis de células gigantes." - "Giant Cell Arteritis: Phase 3 Safety and Efficacy Study of Upadacitinib in Subjects with Giant Cell Arteritis. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.21/008. VERSIÓN ESPAÑOLA DE LA ESCALA DE CONSTANT: VALIDACIÓN Y ADAPTACIÓN TRANSCULTURAL. ESTABLECIMIENTO DE LOS VALORES DE REFERENCIA PARA LA POBLACIÓN ESPAÑOLA. PI: LOPIZ MORALES, YAIZA.

ECL.21/192. ESTUDIO FASE 2 MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO DE LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE BMS-986278 EN PACIENTES CON FIBROSIS PULMONAR. PI: NIETO BARBERO, MARÍA ASUNCIÓN.

ECL.21/370. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, COMPARATIVO CON PLACEBO Y DE DOSIS MÚLTIPLES PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD, LA FARMACOCINÉTICA, LA FARMACODINAMIA Y LA EFICACIA DE JNJ-67484703 EN PACIENTES CON ARTRITIS REUMATOIDE ACTIVA. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.21/407. ESTUDIO FASE 2, RANDOMIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE RANGO DE DOSIS PARA EVALUAR LA SEGURIDAD Y EFICACIA DE ABBV-154 EN PACIENTES CON POLIMIALGIA REUMÁTICA (PMR) DEPENDIENTES DEL TRATAMIENTO CON GLUCOCORTICOIDES.

A RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED STUDY TO EVALUATE THE SAFETY AND EFFICACY OF AN INVESTIGATIONAL PRODUCT IN SUBJECTS WITH POLYMYALGIA RHEUMATICA (PMR) DEPENDENT ON GLUCOCORTICOID TREATMENT. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN."

ECL.21/603. ENSAYO CLÍNICO ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE MONTELUKAST EN PACIENTES CON ARTROSIS EROSIVA/INFLAMATORIA DE MANOS. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

ECL.20/673. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveítis no infecciosa. PI: RODRÍGUEZ RODRÍGUEZ, LUIS.

IIIA.7

Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

Non Competitive Funding

ECL.22/318. EVALUACIÓN DE LA CONTRIBUCIÓN RELATIVA DE LOS DIFERENTES MECANISMOS DE RESISTENCIA A LA CARGA CLÍNICA Y ECONÓMICA GLOBAL ENTRE LOS PACIENTES ADULTOS CON INFECCIONES RESISTENTES A CARBAPENEM (ESPAÑA). PI: DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO.

ECL.21/193. RESPUESTA INMUNOLÓGICA A LA VACUNA DE AstraZeneca. ESTUDIO COMPARATIVO CON LA VACUNA DE Pfizer. PI: CULEBRAS LÓPEZ, ESTHER.

ECL.21/071. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer DEL PERSONAL SANITARIO: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: DELGADO-IRIBARREN GARCIA-CAMPERO, ALBERTO.

ECL.21/104. RESPUESTA INMUNOLÓGICA A LA VACUNA DE Pfizer EN POBLACIÓN GERIÁTRICA INSTITUCIONALIZADA: DIFERENCIAS ENTRE INDIVIDUOS QUE HAN PASADO COVID Y AQUELLOS QUE NUNCA HAN SUFRIDO LA INFECCIÓN. PI: CULEBRAS LÓPEZ, ESTHER.

ECL.21/580. FOUR-YEAR EFFECTIVENESS OF COVID-19 VACCINES AGAINST SEVERE DISEASE AND ASYMPTOMATIC INFECTION: THE COVIDVAC@SPAIN STUDY. PI: GONZÁLEZ ROMO, FERNANDO.

ECL.22/335. ESTUDIO DE FIABILIDAD DE LA TÉCNICA SCOVAM PARA LA DETECCIÓN DE AC FRENTE A SARS-CoV-2 EN EL ÁMBITO HOSPITALARIO. PI: MERINO AMADOR, PALOMA.

IIIA.8

Kidney Diseases and Renal Function Replacement Therapy (Dialysis and Transplantation)

Competitive Funding

ASF.FMM.21. EFICACIA DE LA VACUNACION FRENTE A SARS-COV-2 EN UNA COHORTE DE TRASPLANTADOS RENALES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding organisation: FUNDACION MUTUA MADRILEÑA.

IPF.SMT.21. Impacto de los Inhibidores del Cotransportador Sodio-Glucosa 2 en la función mitocondrial en receptores de trasplante renal con Diabetes Mellitus tipo 2. PI: PÉREZ FLORES, ISABEL; SÁNCHEZ FRUCTUOSO, ANA ISABEL. Funding organisation: SOCIEDAD MADRILEÑA DE TRASPLANTES.

Non Competitive Funding

ECL.16/019. ESTUDIO OBSERVACIONAL, NO INTERVENCIONISTA, MULTICÉNTRICO Y MULTINACIONAL DE PACIENTES CON SÍNDROME HEMOLÍTICO URÉMICO ATÍPICO (REGISTRO DE SHUa). PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.20/821. ESTUDIO DE FASE II, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RAVULIZUMAB EN PARTICIPANTES ADULTOS CON NEFRITIS LÚPICA (NL) PROLIFERATIVA O NEFROPATÍA POR INMUNOGLOBULINA A (NIGA). PI: RODRÍGUEZ MORENO, ANTONIA.

ECL.21/095. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RAVULIZUMAB EN PARTICIPANTES ADULTOS CON MICROANGIOPATÍA TROMBÓTICA ASOCIADA A UN DESENCADENANTE. PI: SANCHEZ DE LA NIETA GARCIA, MARIA DOLORES.

ECL.21/144. DESARROLLO Y VALIDACIÓN DE LA ESCALA NEURO-SCORE FOR TRANSPLANTED PATIENTS PARA LA DETECCIÓN DEL DETERIORO COGNITIVO EN PACIENTES CON TRASPLANTE RENAL O HEPÁTICO TRATADOS CON INMUNOSUPRESORES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.21/269. RESPUESTA INMUNE Y SEGURIDAD DE LA VACUNACIÓN COVID-19 EN PACIENTES CON ERC AVANZADA, EN DIÁLISIS Y TRASPLANTADOS RENALES. CÓDIGO DEL ESTUDIO: SENCovac. PI: LÓPEZ DE LA MANZANERA PÉREZ, VIRGINIA.

ECL.21/659. ESTUDIO OBSERVACIONAL LONGITUDINAL PARA DETERMINAR LA ASOCIACIÓN ENTRE LA RESPUESTA FARMACODINÁMICA DEL PACIENTE AL TRATAMIENTO INMUNOSUPRESOR MEDIDA IN VITRO CON INMUNOBIOTRÓFICO Y LA PRESENCIA DE SIGNOS DE RECHAZO INMUNOLÓGICO

EN BIOPSIAS DEL INJERTO EN PACIENTES CON TRASPLANTE RENAL. PI: MORENO DE LA HIGUERA DIAZ, MARIA ANGELES.

ECL.21/674. PREVALENCIA DE FRAGILIDAD EN PACIENTES CON ENFERMEDAD RENAL CRÓNICA EN LISTA DE ESPERA DE TRASPLANTE RENAL EN ESPAÑA: UN ESTUDIO MULTICÉNTRICO (Estudio FRAILIST). PI: CALVO AREVALO, MARTA.

ECL.21/780. ENSAYO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE CLAZAKIZUMAB PARA EL TRATAMIENTO DEL RECHAZO CRÓNICO ACTIVO MEDIADO POR ANTICUERPOS EN RECEPTORES DE TRASPLANTE DE RIÑÓN. PI: CALVO ROMERO, NATIVIDAD; SÁNCHEZ FRUCTUOSO, ANA ISABEL.

ECL.22/108. ESTUDIO MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE NEMOLIZUMAB EN SUJETOS CON ENFERMEDAD RENAL CRÓNICA CON PRURITO INTENSO ASOCIADO. PI: HERRERO CALVO, JOSÉ ANTONIO.

ECL.22/441. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, DE GRUPOS PARALELOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD, LA FARMACOCINÉTICA Y LA FARMACODINÁMICA DE BI 764198 ADMINISTRADO POR VÍA ORAL UNA VEZ AL DÍA DURANTE 12 SEMANAS EN PACIENTES CON GLOMERULOESCLEROSIS FOCAL SEGMENTARIA. PI: GARCÍA CARRO, CLARA."

ECL.21/200. EFICACIA DE LA VACUNACION FRENTE A SARS-COV-2 EN UNA COHORTE DE TRASPLANTADOS RENALES. PI: SÁNCHEZ FRUCTUOSO, ANA ISABEL.

IIIA.9

Infectious Diseases/HIV

Non Competitive Funding

ECL.21/253. A descriptive, prospective, multi-country, multicentre study to assess performance of genital Herpes Simplex Virus-2 (HSV-2) related disease endpoints based on patient-reported health outcomes, self-swabbing collected via decentralised approach in patients ≥ 18 years of age in the United States and Europe. Estudio descriptivo, prospectivo, multinacional y multicéntrico para evaluar las variables relacionadas con la enfermedad genital causada por el virus herpes simple tipo 2 (VHS-2) según los resultados obtenidos a partir de cuestionarios de salud y muestras anogenitales realizados por pacientes ≥ 18 años de edad en Estados Unidos y Europa mediante un proceso descentralizado. PI: VERA GARCÍA, M^a DEL MAR.

ECL.2019/082. A Multi-center, Randomized, Double-blind, Placebo-controlled Phase 3 Efficacy Study of a Heterologous Vaccine Regimen of Ad26. Mos4.HIV and Adjuvanted Clade C gp140 and Mosaic gp140 to Prevent HIV-1 Infection Among Cis-gender Men and Transgender Individuals who Have Sex with Cis-gender Men and/or Transgender Individuals. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/629. ACUTE/RECENT INFECTIONS AND REINFECTIONS BY HCV IN MEN HAVING SEX WITH MEN WITH AND WITHOUT HIV. ATHENS STUDY. PI: ORVIZ GARCÍA, EVA."

ECL.21/629. ACUTE/RECENT INFECTIONS AND REINFECTIONS BY HCV IN MEN HAVING SEX WITH MEN WITH AND WITHOUT HIV. ATHENS STUDY. PI: VERGAS GARCÍA, JORGE."

ECL.21/629. ACUTE/RECENT INFECTIONS AND REINFECTIONS BY HCV IN MEN HAVING SEX WITH MEN WITH AND WITHOUT HIV. ATHENS STUDY. PI: AYERDI AGUIRREBENGOA, OSKAR."

ECL.21/629. ACUTE/RECENT INFECTIONS AND REINFECTIONS BY HCV IN MEN HAVING SEX WITH MEN WITH AND WITHOUT HIV. ATHENS STUDY. PI: VERA GARCÍA, M^a DEL MAR."

ECL.22/510. AN OPERATIONALLY SEAMLESS PHASE 2/3 RANDOMIZED, OPEN-LABEL, MULTICENTER, ACTIVE-CONTROLLED STUDY TO EVALUATE THE SAFETY AND EFFICACY OF BICTEGRAVIR/LENACAPAVIR VERSUS STABLE BASELINE REGIMEN IN VIROLOGICALLY SUPPRESSED PEOPLE WITH HIV-1 ON STABLE COMPLEX TREATMENT REGIMENS. PI: ESTRADA PÉREZ, VICENTE."

ECL.21/236. BICTEGRAVIR/FTC/TAF PARA EL TRATAMIENTO DE LA INFECCIÓN PRIMARIA POR HIV (BIC-PHI TRIAL). PI: DEL ROMERO GUERRERO, JORGE.

ECL.22/556. CLÍNICA Y EPIDEMIOLOGÍA DEL BROTE DE INFECCIÓN POR MONKEYPOX EN ESPAÑA EN EL AÑO 2022. PI: ORVIZ GARCÍA, EVA.

ECL.18/018. COHORTE ESPAÑOLA DE PACIENTES CON INFECCIÓN POR VIH MAYORES DE 50 AÑOS PARA EL ESTUDIO DE LA FRAGILIDAD Y LA FUNCIÓN FÍSICA. ESTUDIO VIH-FUNCFRIL. PI: CABELLO CLOTET, NOEMI.

ECL.18/018. COHORTE ESPAÑOLA DE PACIENTES CON INFECCIÓN POR VIH MAYORES DE 50 AÑOS PARA EL ESTUDIO DE LA FRAGILIDAD Y LA FUNCIÓN FÍSICA. ESTUDIO VIH-FUNCFRIL. PI: VERGAS GARCÍA, JORGE.

VEP.C06VIIV. Contrato para financiar la contratación de personal técnico para el apoyo a la Investigación Clínica en VIH y Enfermedades Infecciosas (HDEI)". PI: ESTRADA PÉREZ, VICENTE.

ECL.22/155. ENSAYO CLÍNICO DOBLE-CIEGO, CONTROLADO CON PLACEBO, ALEATORIZADO, FASE IB, DE APTOLL PARA EL TRATAMIENTO DE COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/188. ENSAYO CLÍNICO FASE IV, ALEATORIZADO, MULTICÉNTRICO Y DOBLE CIEGO DISEÑADO PARA EVALUAR LA SEGURIDAD Y LA CONVENIENCIA DEL CAMBIO DE DTG/3TC POR BIC/FTC/TAF EN PERSONAS CON VIH, BUEN CONTROL VIROLÓGICO Y VULNERABILIDADES NEUROPSIQUIÁTRICAS: ESTUDIO MIND. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/554. Ensayo clínico piloto para evaluar la eficacia, seguridad y tolerabilidad del cambio a un tratamiento con Bictegravir/FTC/TAF (Bictarvy®) más darunavir/cobicistat en pacientes infectados por VIH-1 altamente tratados. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/426. ENSAYO DE FASE III ALEATORIZADO, COMPARATIVO CON PLACEBO, DOBLE CIEGO Y MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE LA TRIMODULINA (BT588) EN PARTICIPANTES ADULTOS HOSPITALIZADOS CON COVID-19 MODERADA O GRAVE. PI: ESTRADA PÉREZ, VICENTE."

ECL.20/564. Ensayo multicéntrico, adaptativo, randomizado, controlado y ciego de seguridad y eficacia de terapias en investigación para pacientes hospitalizados con COVID-19. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/713. ESTUDIO ABIERTO DE AUMENTO GRADUAL DE LA DOSIS PARA EVALUAR LA SEGURIDAD, LA FARMACOCINÉTICA Y LA ACTIVIDAD ANTIVÍRICA DE IMC-M113V EN SUJETOS CON HLA-A*02:01 POSITIVO CON UNA INFECCIÓN CRÓNICA POR EL VIRUS DE LA INMUNODEFICIENCIA HUMANA (VIH) CON SUPRESIÓN VÍRICA. PI: ESTRADA PÉREZ, VICENTE.

ECL.2018/108. Estudio en fase III para evaluar el efecto de la pitavastatina para prevenir los acontecimientos cardiovasculares en personas con infección por VIH-1. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/256. ESTUDIO FASE I/II OBSERVADOR CIEGO, ALEATORIZADO, INTERNACIONAL Y CONTROLADO CON PLACEBO PARA EVALUAR LA REACTOGENICIDAD, SEGURIDAD, RESPUESTA INMUNE Y EFICACIA DE UNA INMUNOTERAPIA DIRIGIDA FRENTE AL VIRUS HERPES SIMPLEX (VHS) EN SUJETOS SANOS DE 18 A 40 AÑOS, O EN PARTICIPANTES DE 18 A 60 AÑOS CON HERPES GENITAL RECURRENTE. PI: VERA GARCÍA, M^a DEL MAR."

ECL.22/256. ESTUDIO FASE I/II OBSERVADOR CIEGO, ALEATORIZADO, INTERNACIONAL Y CONTROLADO CON PLACEBO PARA EVALUAR LA REACTOGENICIDAD, SEGURIDAD, RESPUESTA INMUNE Y EFICACIA DE UNA INMUNOTERAPIA DIRIGIDA FRENTE AL VIRUS HERPES SIMPLEX (VHS) EN SUJETOS SANOS DE 18 A 40 AÑOS, O EN PARTICIPANTES DE 18 A 60 AÑOS CON HERPES GENITAL RECURRENTE. PI: AYERDI AGUIRREBENGOA, OSKAR."

ECL.20/522. Estudio Fase IIb, aleatorizado, con grupo control activo, parcialmente cegado, de búsqueda de dosis de GSK3640254 en comparación con un brazo control de dolutegravir, cada uno en combinación con inhibidores de la transcriptasa inversa nucleosídeos de nucleósidos, en adultos infectados con VIH-1 que no han recibido tratamiento antirretroviral previo. PI: ESTRADA PÉREZ, VICENTE.

ECL.20/534. Estudio Fase IIb, aleatorizado, multicéntrico, con grupo control activo, de grupo paralelo, no inferioridad, abierto, que evalúa la eficacia, seguridad y tolerabilidad del cambio a Cabotegravir de acción prolongada junto con Rilpivirina de acción prolongada administrado cada dos meses desde un régimen de comprimido único de bictegravir / emtricitabina / tenofovir alafenamida en adultos infectados por VIH-1 virológicamente suprimidos. PI: ESTRADA PÉREZ, VICENTE.

ECL.22/084. ESTUDIO MUNDIAL AMBULATORIO SOBRE INFECCIONES RESPIRATORIAS AGUDAS. PI: ESTRADA PÉREZ, VICENTE.

ECL.2019/062. Estudio de fase IV, multicéntrico, abierto y aleatorizado, para evaluar el impacto del cambio de tratamiento antirretroviral de terapia dual a terapia triple sobre la inflamación en pacientes con infección por VIH tipo 1. Estudio InSTINCT. PI: ESTRADA PÉREZ, VICENTE.

ECL.21/529. ESTUDIO PROSPECTIVO, MULTICÉNTRICO Y DE UN SOLO GRUPO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DEL TRATAMIENTO CON GLE/PIB DURANTE 8 SEMANAS EN ADULTOS Y ADOLESCENTES CON INFECCIÓN AGUDA POR EL VIRUS DE LA HEPATITIS C (VHC). PI: PUERTA LÓPEZ, MARIA TERESA.

ECL.21/529. ESTUDIO PROSPECTIVO, MULTICÉNTRICO Y DE UN SOLO GRUPO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DEL TRATAMIENTO CON GLE/PIB DURANTE 8 SEMANAS EN ADULTOS Y ADOLESCENTES CON INFECCIÓN AGUDA POR EL VIRUS DE LA HEPATITIS C (VHC). PI: DEL ROMERO GUERRERO, JORGE.

ECL.22/395. PROTOCOLO MAESTRO PARA ENSAYOS CLÍNICOS DIRIGIDO A MACROTROMBOSIS, MICROINMUNOTROMBOSIS, HIPERINFLAMACIÓN VASCULAR E HIPERCOAGULABILIDAD Y EL SISTEMA RENINA-ANGIOTENSINA-ALDOSTERONA (SRAA) EN PACIENTES HOSPITALIZADOS CON COVID-19. PI: ESTRADA PÉREZ, VICENTE."

ECL.21/487. REAL LIFE STUDY OF BICTEGRAVIR, EMTRICITABINE, AND TENOFOVIR ALAFENAMIDE IN HIV-1 INFECTED TREATMENT-NAIVE PATIENTS USING TEST AND TREAT STRATEGY. (BIC-NOW). PI: CABELLO CLOTET, NOEMI.

ECL.22/176. PREVALENCIA DE LA SOLEDAD/AISLAMIENTO SOCIAL EN PERSONAS INFECTADAS POR VIH MAYORES DE 50 AÑOS. ESTUDIO "NADIE SOLO". PI: CABELLO CLOTET, NOEMI.

21/538-EC_M. ESTUDIO DE FASE II/III, ALEATORIZADO, DOBLE CIEGO, CON DOBLE SIMULACIÓN Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, EFICACIA Y TOLERABILIDAD DE 2 PAUTAS DE PF-07321332/RITONAVIR ADMINISTRADOS ORALMENTE PARA PREVENIR LOS SÍNTOMAS DE LA INFECCIÓN POR SARS-COV-2 EN ADULTOS QUE HAYAN TENIDO CONTACTO DOMÉSTICO CON PERSONAS INFECTADAS POR SARS-COV-2. PI: ESTRADA PÉREZ, VICENTE.

IIIA.10

Research on INA Infectious Disease

Competitive Funding

JRA.SEIP.22. RESPUESTA INMUNOLÓGICA TRAS VACUNACIÓN FRENTE SARS-COV-2 EN NIÑOS MENORES DE 12 AÑOS: COMPARACIÓN ENTRE PACIENTES CON INFECCIÓN VIH Y NIÑOS INMUNOCOMPETENTES. PI: RAMOS AMADOR, JOSE TOMAS. Funding organisation: SOCIEDAD ESPAÑOLA DE INFECTOLOGÍA PEDIÁTRICA.

Non Competitive Funding

AGR.M01EISAI. Colaboración para la realización del estudio de seguimiento prospectivo denominado: "Seguridad neurocognitiva de perampanel como terapia añadida en epilepsia refractaria en la infancia y su relación con el sueño" código "CSC-PER-2019-01". PI: GARCIA RON, ADRIAN.

AGR.C01EIS. Colaboración para la realización del Proyecto "Seguridad neurocognitiva del perampanel como terapia añadida en epilepsia refractaria en la infancia y su relación con el sueño". PI: GARCIA RON, ADRIAN.

JRA.C01ALO. El objeto del Convenio es establecer una colaboración en lo relativo al Proyecto de investigación titulado "Inmunogeneidad y efectividad de vacuna tetravalente frente a meningococo en niños y adolescentes con VIH". PI: ILLAN RAMOS, MARTA.

JRA.C01ALO. El objeto del Convenio es establecer una colaboración en lo relativo al Proyecto de investigación titulado "Inmunogeneidad y efectividad de vacuna tetravalente frente a meningococo en niños y adolescentes con VIH". PI: RAMOS AMADOR, JOSE TOMAS.

ECL.20/556. Ensayo clínico de fase IIb para evaluar la seguridad, la tolerabilidad, y la inmunogenicidad de MenABCWY en lactantes sanos de 2 y 6 meses. PI: RAMOS AMADOR, JOSE TOMAS.

CONV16/139. Establecimiento de las bases y definición del marco adecuado para la creación de la "Red Española de Ensayos Clínicos Pediátricos (RECLIP)" con la misión de promover la investigación pediátrica traslacional en España y facilitar y fomentar el desarrollo de consorcios y proyectos nacionales y/o europeos que persigan los mismos objetivos. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.2019/025. Estudio aleatorizado, doble ciego, de grupos paralelos, controlado con placebo, para evaluar la eficacia y seguridad de IBP-9414 en bebés prematuros de 500 - 1500 g de peso al nacer en la prevención de la enterocolitis necrosante - El estudio Connection. PI: CRIADO VEGA, ENRIQUE.

ECL.21/117. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE 2 PARTES, PARA EVALUAR PAUTAS DE TRATAMIENTO DE EDP-938 EN PACIENTES DE 28 DÍAS A 36 MESES DE EDAD CON INFECCIÓN POR EL VIRUS RESPIRATORIO SINCITAL (VRS). PI: BERZOSA SANCHEZ, ARANTXA."

ECL.21/117. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE 2 PARTES, PARA EVALUAR PAUTAS DE TRATAMIENTO DE EDP-938 EN PACIENTES DE 28 DÍAS A 36 MESES DE EDAD CON INFECCIÓN POR EL VIRUS RESPIRATORIO SINCITAL (VRS). PI: RAMOS AMADOR, JOSE TOMAS."

ECL.20/743. Estudio de fase IV, con enmascaramiento único, aleatorizado, controlado y de varios países para evaluar la inmunogenicidad y seguridad de Infanrix hexa (DTPa-HBV-IPV/Hib) de GSK frente a Vaxelis (DTaP5-HBV-IPV-Hib) de β CM Vaccine BV, cuando se administra por vía intramuscular según un calendario de 2, 4 y 12 meses en bebés y niños pequeños sanos. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.18/382. Estudio fase 3 aleatorizado, abierto, para evaluar la Eficacia, Seguridad y Farmacocinética del tratamiento de Golimumab, un anticuerpo humano monoclonal anti-TNF β , administrado por vía subcutánea en pacientes pediátricos con Colitis Ulcerosa activa de moderada a severa. PI: BODAS PINEDO, ANDRÉS."

ECL.21/514. ESTUDIO FASE II, ALEATORIZADO Y PARCIALMENTE CIEGO, PARA EVALUAR LA SEGURIDAD, REACTOGENICIDAD E INMUNOGENICIDAD DE LA VACUNA ANTIMENINGOCÓCICA COMBINADA ABCWY TRAS SU ADMINISTRACIÓN A LACTANTES SANOS. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.22/154. ESTUDIO PARA EVALUAR LA ACEPTABILIDAD DEL COMPRIMIDO DE COMBINACIÓN EN DOSIS FIJA (CDF) DE DARUNAVIR/COBICISTAT (DRV/COBI) EN NIÑOS INFECTADOS POR EL VIRUS DE LA INMUNODEFICIENCIA HUMANA DE TIPO 1 (VIH-1) DE ≥ 3 AÑOS DE EDAD Y CON UN PESO ENTRE ≥ 15 KG Y <25 KG. PI: RAMOS AMADOR, JOSE TOMAS.

CONV22/109. NDA BeiGene with title: BGB-A317-A1217-301: Phase 3, Randomized, Open-Label Study to Compare Ociperlimab (BGB-A. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.2017/085. Seguimiento a largo plazo del estudio 64041575RSV2004 para evaluar el impacto de la lumicitabina (JNJ.64041575) en la incidencia de asma o sibilancias en bebés y niños con antecedentes de infección por el virus respiratorio sincitial. PI: RAMOS AMADOR, JOSE TOMAS.

ECL.22/166. RESPUESTA INMUNOLÓGICA TRAS VACUNACIÓN FRENTE SARS-COV-2 EN NIÑOS MENORES DE 12 AÑOS: COMPARACIÓN ENTRE PACIENTES CON INFECCIÓN VIH Y NIÑOS INMUNOCOMPETENTES. PI: RAMOS AMADOR, JOSE TOMAS.

IIIA.12

Immunology

Competitive Funding

FI20/00246. CONTRATO PFIS: SUBHI-ISSA MARIN, NABIL ALBERTO. PI: SÁNCHEZ RAMÓN, SILVIA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191450. Desarrollo de medicina de precisión en el fallo gestacional recurrente de causa inflamatoria. PI: SÁNCHEZ RAMÓN, SILVIA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

CM20/00098. RRHH RIO HORTEGA: Kissy Guevara- Hoyer. PI: SÁNCHEZ RAMÓN, SILVIA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

CONV20/125. CONFIDENTIAL AGREEMENT BENEVOLENTAI - IMMUNOLOGY AREA. PI: SÁNCHEZ RAMÓN, SILVIA.

ECL.21/392. ESTUDIO MULTICÉNTRICO NACIONAL DE INMUNODEFICIENCIA SECUNDARIA SOBRE LA PRODUCCIÓN DE ANTICUERPOS FRENTE A LA VACUNA DE SALMONELLA TYPHI (SIMPATY-2). PI: SÁNCHEZ RAMÓN, SILVIA.

ECL.19/478. ADVANCING ON PRECISION MEDICINE IN THE RECURRENT GESTATIONAL FAILURE OF INFLAMMATORY CAUSE. AVANCES EN MEDICINA DE PRECISIÓN EN FALLO GESTACIONAL RECURRENTE DE ORIGEN INFLAMATORIO. PI: SÁNCHEZ RAMÓN, SILVIA

NEC.1

Clinical and Neurobiological Research in Psychiatry and Mental Health

Competitive Funding

INT21/00048. Contratos para la intensificación de la actividad investigadora del SNS: David Fraguas Herráez. PI: FRAGUAS HERRAEZ, DAVID. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI20/00216. Estudio longitudinal de una cohorte representativa: superando la heterogeneidad clínica y biológica en primeros episodios psicóticos. PI: FRAGUAS HERRAEZ, DAVID. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.21/116. ENSAYO ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO DE TRORILUZOL COMO TRATAMIENTO COMPLEMENTARIO EN EL TRASTORNO OBSESIVO-COMPULSIVO. PI: RENESES PRIETO, BLANCA."

ECL.20/706. ESTUDIO LONGITUDINAL DE UNA COHORTE DE PRIMEROS EPISODIOS PSICÓTICOS (COHORTE COPEP-CIBERSAM). PI: FRAGUAS HERRAEZ, DAVID.

ECL.20/586. INDICA-MED: INformation Discovery and Categorization based on language processing for the MEDical domain (Descubrimiento de Información y Categorización basada en Procesamiento del Lenguaje para el dominio Médico). PI: SEVILLA LLEWELLYN-JONES, JULIA.

ECL.21/081. "DEPSTAGE" CÓMO SE AJUSTA EL TRATAMIENTO DE LA DEPRESIÓN EN LA PRÁCTICA DE RUTINA A UNA GUÍA DE PRÁCTICA CLÍNICA BASADA EN UN MODELO DE ESTADIAJE. PI: RENESES PRIETO, BLANCA.

NEC.2

Advanced Research in Personality Disorders, Aggression and Impulse Control

Competitive Funding

MDM.F01FAK21. Eficacia de un programa de intervención para reducir la conducta suicida en adolescentes con trastornos psiquiátricos: Un estudio controlado aleatorizado (SAM-PSYC). PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding organisation: FUNDACION ALICIA KOPLOWITZ.

PI20/01471. Investigación de la asociación fenotípica y endofenotípica del trastorno límite de la personalidad y los trastornos del espectro autista. PI: CARRASCO PERERA, JOSÉ LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191256. Prevención e Intervención en Suicidio (SURVIVE): estudio cohorte y ensayos clínicos-controlados anidados de programas de prevención secundaria para intentos de suicidio. PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.20/095. ESTUDIO DE LA ASOCIACIÓN FENOTÍPICA Y ENDOFENOTÍPICA DEL TRASTORNO LÍMITE DE LA PERSONALIDAD CON LOS TRASTORNOS DEL ESPECTRO AUTISTA. PI: CARRASCO PERERA, JOSÉ LUIS.

ECL.21/315. EFICACIA DE UN PROGRAMA DE INTERVENCIÓN PARA REDUCIR LA CONDUCTA SUICIDA EN ADOLESCENTES CON TRASTORNOS PSIQUIÁTRICOS: UN ESTUDIO CONTROLADO ALEATORIZADO (SAM-PSYC). PI: DÍAZ MARSÁ, MARINA FRANCISCA.

ECL.19/394. Suicide PreVeention and InterVeention (SURVIVE): cohort study and nested randomized controlled clinical studies of secondary prevention programs for suicide attempts. Prevención e Intervención en Suicidio (SURVIVE): estudio de cohorte y ensayos clínicos controlados anidados de programas de prevención secundaria para intentos de suicidio. PI: DÍAZ MARSÁ, MARINA FRANCISCA.

NEC.3

Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

Competitive Funding

HORIZON-INFRA-2021-TECH-01 101058516. EBrain-Health: Actionable Multilevel Health Data . PI: FERNANDO MAESTU / PETRA RITTER. Funding organisation: Unión Europea.

National Institute of Health-1RF1A G079324-01. Digital Biomarkers for Vascular Cognitive Decline in Patients with Minor Stroke. PI: FERNANDO MAESTU / ELISABETH MARSH. Funding organisation: NIH.

National Institute of Health PAR-19-070-R01. Digital Technology for Early Detection of Alzheimer's Disease and Related Dementias. PI: FERNANDO MAESTU / JOHN MOSHER. Funding organisation: NIH.

Collaborative Research in Computational Neuroscience (CRCNS) . Interpreting MEG Biomarkers of Alzheimer's Progression with Human Neocortical Neurosolver. PI: FERNANDO MAESTU / STEPHANIE JONES. Funding organisation: European Union – National Science Foundation (USA) (NIH).

PID2021-122979OB-C21. Eficacia de la intervención combinada en cognición y neuromodulación en familiares de EA y ancianos con QSC (CogNe). PI: FERNANDO MAESTU. Funding organisation: Ministerio de ciencia.

337

NEC.6

Neurological Diseases

Competitive Funding

PI21/00242. Administración Intranasal de Biohíbridos de Hidrogeles con Células como Estrategia para Promover la Remielinización en Modelos Experimentales de Esclerosis Múltiple. Enfoque Preclínico. PI: GÓMEZ PINEDO, ULISES ALFONSO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ICI20/00074. AMANTADINA Y ESTIMULACIÓN MAGNÉTICA TRANSCRANEAL PARA FATIGA EN LA ESCLEROSIS MÚLTIPLE: ENSAYO FASE III, CONTROLADO, RANDOMIZADO, CRUZADO Y DOBLE CIEGO. PI: MATÍAS-GUIU GUIA, JORGE. Funding organisation: INSTITUTO DE SALUD CARLOS III.

JMG.YEI.21. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: MATÍAS-GUIU GUIA, JORGE. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

F120/00145. CONTRATOS PFIS: MARIA VALLES SALGADO. PI: MATÍAS-GUIU ANTEM, JORDI. Funding organisation: INSTITUTO DE SALUD CARLOS III.

SEP.MICINN.21. Desarrollo de tecnologías para farmacocinética no invasiva en medicina nuclear. PI: CABRERA MARTIN, MARIA NIEVES. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

Non Competitive Funding

ECL.20/333. A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Assess the Efficacy and Safety of JNJ-63733657, an Anti-tau Monoclonal Antibody, in Participants with Early Alzheimer's Disease. PI: MATÍAS-GUIU GUIA, JORGE.

SCS.MICINN.20. Descifrando el papel causal del metabolismo lipídico en la aparición de las alteraciones clínicas en el espectro de enfermedades ELA y DFT. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

FIS.191260. EVALUACIÓN NEUROPSICOLÓGICA TRANSCULTURAL. PI: MATÍAS-GUIU ANTEM, JORDI. Funding organisation: INSTITUTO DE SALUD CARLOS III.

SCS.TALENTO.18. IDENTIFYING BMI-ASSOCIATED PATHWAYS THAT CONFER PROTECTION IN ALS. PI: CORROCHANO SÁNCHEZ, SILVIA. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PI21/01614. PET para el estudio de la mielina en la esclerosis múltiple. PI: CABRERA MARTIN, MARIA NIEVES. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ECL.21/794. AMANTADINA Y ESTIMULACIÓN MAGNÉTICA TRANSCRANEAL PARA FATIGA EN LA ESCLEROSIS MÚLTIPLE: ENSAYO FASE III, CONTROLADO, RANDOMIZADO, CRUZADO Y DOBLE CIEGO. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.19/524. DECIPHERING THE CAUSAL ROLE OF LIPID METABOLIC ALTERATIONS IN FRONTOTEMPORAL DEMENTIA AND AMYOTROPHIC LATERAL SCLEROSIS SPECTRUM DISORDERS. PI: CORROCHANO SÁNCHEZ, SILVIA.

ECL.21/050. DISEASE. ESTUDIO EN FASE IIB, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, COMPARATIVO CON PLACEBO Y MULTICÉNTRICO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PRASINEZUMAB INTRAVENOSO EN PARTICIPANTES CON ENFERMEDAD DE PARKINSON INCIPIENTE. PI: ALONSO FRECH, FERNANDO."

CONV22/238. El objeto del presente convenio es regular la colaboración para la ejecución del Convenio "Amantadina y estimulación magnética transcraneal para fatiga en la esclerosis. PI: MATÍAS-GUIU GUIA, JORGE.

CONV22/239. El objeto del presente convenio es regular la colaboración para la ejecución del Convenio "Amantadina y estimulación magnética transcraneal para fatiga en la esclerosis. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.20/372. Ensayo clínico multicéntrico, aleatorizado, controlado con principio activo, doble ciego, con doble simulación, de grupos paralelos para evaluar la eficacia, seguridad y tolerabilidad de una infusión subcutánea continua de ND0612 en comparación con el tra. PI: ALONSO FRECH, FERNANDO.

ECL.21/507. ENSAYO FASE 2B, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE GRUPOS EN PARALELO, DE LA BÚSQUEDA DE DOSIS, SEGURIDAD, TOLERABILIDAD Y EFICACIA DE PQ912 EN SUJETOS CON DETERIORO COGNITIVO Y DEMENCIA LEVES DEBIDOS A LA ENFERMEDAD DE ALZHEIMER. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.21/584. EPIDEMIOLOGICAL STUDY IN FRONTOTEMPORAL DEMENTIA. ESTUDIO EPIDEMIOLÓGICO EN DEMENCIA FRONTOTEMPORA. PI: MATÍAS-GUIU ANTEM, JORDI."

ECL.20/217. Estudio aleatorizado, doble ciego, controlado con placebo, multicéntrico, para evaluar la seguridad, la tolerabilidad y la eficacia del XEN1101 como tratamiento adyuvante en la epilepsia de inicio focal, con una extensión abierta^β. PI: GARCÍA MORALES, IRENE.

ECL.22/532. ESTUDIO CLÍNICO DE FASE 2A/2B, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE MK-1942 COMO TRATAMIENTO COMPLEMENTARIO EN PARTICIPANTES CON DEMENCIA LEVE O MODERADA POR ENFERMEDAD DE ALZHEIMER. PI: MATÍAS-GUIU ANTEM, JORDI.

ECL.20/625. Estudio de extensión abierto, multicéntrico y con tratamiento activo de 57 semanas de CVL-865 como tratamiento complementario en adultos con crisis convulsivas de inicio focal resistentes a los fármacos. PI: GARCÍA MORALES, IRENE.

ECL.2019/148. Estudio de fase 2, aleatorizado y controlado con placebo para evaluar la seguridad, la tolerabilidad y la eficacia de TAK-079 en pacientes con miastenia grave generalizada. PI: GUERRERO SOLA, ANTONIO.

ECL.21/686. ESTUDIO DE FASE 2, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ALXN2050 EN PARTICIPANTES ADULTOS CON MIASTENIA GRAVE GENERALIZADA. PI: GUERRERO SOLA, ANTONIO.

ECL.22/503. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, PARALELO Y MULTICÉNTRICO PARA EVALUAR LA SEGURIDAD Y EFICACIA DE ALXN1720 EN ADULTOS CON MIASTENIA GRAVIS GENERALIZADA. PI: GUERRERO SOLA, ANTONIO."

ECL.21/524. ESTUDIO DE FASE 3, DE CARÁCTER PIVOTAL, ALEATORIZADO, EN DOBLE CIEGO, CONTROLADO CON PLACEBO Y MULTICÉNTRICO, CON UN PERÍODO DE EXTENSIÓN ABIERTA, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE ROZANOLIXIZUMAB EN PARTICIPANTES ADULTOS CON ENFERMEDAD ASOCIADA A ANTICUERPOS CONTRA LA GLUCOPROTEÍNA DE LA MIELINA DEL OLIGODENDROCITO (MOG). PI: MATÍAS-GUIU GUIA, JORGE.

ECL.20/347. Estudio de fase III multicéntrico, aleatorizado, doble ciego, controlado con placebo y de grupos paralelos para evaluar la eficacia, seguridad y tolerabilidad de atogepant por vía oral para la profilaxis de la migraña en participantes con migraña ocasional que no han respondido anteriormente a entre 2 y 4 clases de tratamientos profilácticos por vía oral (ELEVATE). PI: PORTA ETESSAM, JESÚS.

ECL.21/067. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA, LA SEGURIDAD Y LA TOLERABILIDAD DEL PXT3003 EN LA ENFERMEDAD DE CHARCOT-MARIE-TOOTH DE TIPO 1A (CMT1A). PI: HORGA HERNÁNDEZ, ALEJANDRO.

ECL.21/655. ESTUDIO DE SEGURIDAD PROSPECTIVO, NO INTERVENCIONISTA, A LARGO PLAZO, MULTINACIONAL DE COHORTES DE PACIENTES CON AMILOIDOSIS HEREDITARIA POR TRANSTIRETINA CON POLINEUROPATÍA (HATTR-PN). PI: GALÁN DÁVILA, LUCÍA.

ECL.22/233. ESTUDIO EN FASE 1B/2, MULTICÉNTRICO, ADAPTATIVO, CON DOBLE ENMASCARAMIENTO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD, LA INMUNOGENICIDAD Y LOS EFECTOS FARMACODINÁMICOS DE LA ACI-24.060 EN SUJETOS CON ENFERMEDAD DE ALZHEIMER EN FASE PRODRÓMICA Y EN ADULTOS CON SÍNDROME DE DOWN (ABATE). PI: MATÍAS-GUIU ANTEM, JORDI.

ECL.21/210. ESTUDIO EN FASE III, MULTICÉNTRICO, ALEATORIZADO, CON ENMASCARAMIENTO DOBLE Y COMPARADO CON PLACEBO DE EFICACIA, SEGURIDAD Y EFECTOS EN BIOMARCADORES DE ALZ-801 EN PACIENTES CON ENFERMEDAD DE ALZHEIMER PREMATURA Y GENOTIPO APOE4/4/. PI: MATÍAS-GUIU GUIA, JORGE."

ECL.15/225. Estudio multicéntrico, con tratamiento ciego y de fase IIIb para evaluar si el ajuste de la dosis al alza de Tecfidera® durante 6 semanas es eficaz para reducir la incidencia de acontecimientos adversos gastrointestinales en pacientes con esclerosis múltiple. PI: MATÍAS-GUIU GUIA, JORGE.

ECL.21/759. ESTUDIO OBSERVACIONAL, PROSPECTIVO Y A LARGO PLAZO PARA EVALUAR LA SEGURIDAD, INCLUIDA LA SEGURIDAD CARDIOVASCULAR, DE FREMANEZUMAB EN PACIENTES CON MIGRAÑA EN LA PRÁCTICA CLÍNICA HABITUAL. PI: PORTA ETESSAM, JESÚS.

ECL.2018/140. HELIOS-A: Estudio de fase 3, internacional, aleatorizado y abierto para evaluar la eficacia y la seguridad de ALN-TTRSC02 en pacientes con amiloidosis hereditaria por transtiretina (amiloidosis hATTR). PI: GALÁN DÁVILA, LUCÍA.

ECL.20/212. Open-label Extension of the ARGX-113-1802 Trial to Investigate the Long-term Safety, Tolerability, and Efficacy of Efgartigimod PH20 SC in Patients with Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) // Extensión abierta del ensayo ARGX-113-1802 para investigar la seguridad, la tolerabilidad y la eficacia a largo plazo de efgartigimod PH20 SC en pacientes con polineuropatía desmielinizante inflamatoria crónica (PDIC). PI: GUERRERO SOLA, ANTONIO.

ECL.20/649. Programa de vigilancia de embarazos con patisirán-NPL PSP. PI: GALÁN DÁVILA, LUCÍA.

ECL.20/007-II. PROYECTO TIPO II: "ESTUDIO DE SEGURIDAD Y EFICACIA PRELIMINAR DEL MEDICAMENTO HC045 (principio activo células HC016) EN UN MODELO EXPERIMENTAL DE INCONTINENCIA URINARIA". PI: GÓMEZ PINEDO, ULISES ALFONSO.

ECL.22/141. PROYECTO UNIÓN: MEJORA DE LA ATENCIÓN DEL PACIENTE CON EPILEPSIA. BUSINESS CASE. PI: GARCÍA MORALES, IRENE.

ECL.20/521. Randomised, double-blind, placebo-controlled, clinical study to evaluate the effect of opicapone 50 mg on Parkinson's disease patients with motor fluctuations and associated pain. PI: ALONSO FRECH, FERNANDO.

ECL.16/006. REGISTRO DE ECP VERCISE (A4010): REGISTRO DE ESTIMULACIÓN CEREBRAL PROFUNDA CON EL SISTEMA VERCISE. PI: ALONSO FRECH, FERNANDO.

ECL.21/398. REGISTRO EN ESPAÑA DEL USO DE LOS INHIBIDORES DE LA COMT EN EL MANEJO DE PACIENTES CON ENFERMEDAD DE PARKINSON QUE PRESENTAN FLUCTUACIONES MOTORAS TEMPRANAS. ESTUDIO REONPARK. PI: GARCÍA-RAMOS GARCÍA, ROCÍO.

ECL.23/020. ESTUDIO DE FASE III, ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD Y LA EFICACIA DE XEN1101 COMO TERAPIA COMPLEMENTARIA EN LAS CRISIS CONVULSIVAS TÓNICO-CLÓNICAS PRIMARIAS GENERALIZADAS. PI: GARCÍA MORALES, IRENE."

ECL.19/126. Evaluación neuropsicológica transcultural. Adaptación, normalización y validación de instrumentos neuropsicológicos transculturales para la evaluación del rendimiento cognitivo. PI: MATÍAS-GUIU ANTEM, JORDI.

ECL.22/120. MODULACIÓN CON TDCS PARA FATIGA ORIGINADA EN INFECCIÓN COVID. ESTIMULACIÓN DIRECTA TRANSCRANEAL (TDCS) PARA EL TRATAMIENTO DE LA FATIGA PERSISTENTE POST-COVID-19. PI: MATÍAS-GUÍU ANTEM, JORDI.

ECL.21/207. PET PARA EL ESTUDIO DE LA MIELINA EN LA ESCLEROSIS MÚLTIPLE. PI: CABRERA MARTIN, MARIA NIEVES.

ECL.19/015-III. PROYECTO TIPO III: "Administración Intranasal de Biohíbridos de Hidrogeles con Células como Estrategia para Promover la Remielinización en Modelos Experimentales de Esclerosis Múltiple. Enfoque Preclínico." PI: GÓMEZ PINEDO, ULISES ALFONSO.

NEC.7

Research group on environmental factors in degenerative diseases

Competitive Funding

RAL.MICINN.21. Factores ambientales y sistema inmune de los pacientes con esclerosis múltiple. Una aproximación global. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

EUR.3TR. Taxonomy, Treatment, Targets and Remission. Identification of the Molecular Mechanisms of Non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions. PI: ÁLVAREZ LAFUENTE, ROBERTO. Funding organisation: COMISIÓN EUROPEA.

Non Competitive Funding

ECL.21/268. 3TR - IDENTIFICACIÓN DE LOS MECANISMOS MOLECULARES DE LA AUSENCIA DE RESPUESTA A TRATAMIENTOS, BROTES Y REMISIÓN EN LA ESCLEROSIS MÚLTIPLE. PI: ÁLVAREZ LAFUENTE, ROBERTO.

RAG.F01MERCK. ANTICUERPOS NEUTRALIZANTES (AcN) EN PACIENTES CON ESCLEROSIS MÚLTIPLE TRATADOS CON INTERFERON BETA Y SU APLICACIÓN EN LA PRÁCTICA CLÍNICA DIARIA. PI: ÁLVAREZ LAFUENTE, ROBERTO.

RAL.C01SAN. Colaboración proyecto para mejorar el cuidado de la salud de los pacientes con EM mediante la detección del efecto de los tratamientos modificadores de la enfermedad en la disminución de la carga viral de EBV y HHV-6. IP Roberto Álvarez Lafuente. PI: ÁLVAREZ LAFUENTE, ROBERTO.

RAG.F02LAIR. MARCADORES PRONÓSTICOS EN PACIENTES CON SÍNDROME CLÍNICAMENTE AISLADO. CONVERSIÓN EN ESCLEROSIS MÚLTIPLE DEFINIDA Y EVOLUCIÓN DE LA ENFERMEDAD. PI: ÁLVAREZ LAFUENTE, ROBERTO.

ECL.22/306. PROYECTO PARA ANALIZAR LA CORRELACIÓN ENTRE LA VARIACIÓN DE LA CARGA VIRAL DE EBV Y HHV-6 Y LA VARIACIÓN DE LOS NIVELES DE NEUROFILAMENTOS EN SUERO EN PACIENTES CON EM TRATADOS CON FÁRMACOS MODIFICADORES DE LA ENFERMEDAD. PI: ÁLVAREZ LAFUENTE, ROBERTO.

ECL.21/232. PROYECTO PARA MEJORAR EL CUIDADO DE LA SALUD DE LOS PACIENTES CON EM MEDIANTE LA DETECCIÓN DEL EFECTO DE LOS TRATAMIENTOS MODIFICADORES DE LA ENFERMEDAD EN LA DISMINUCIÓN DE LA CARGA VIRAL DE EBV Y HHV-6. PI: ÁLVAREZ LAFUENTE, ROBERTO.

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NEC.9

Brain Mapping

Competitive Funding

CP21/00020. Contratos Miguel Servet: Pablo Bascuñana Almarcha. PI: BASCUÑANA ALMARCHA, PABLO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PID 2019-106968R. Implicación de la actividad glial en la epileptogénesis mediante estudios longitudinales de neuroimagen PET/MRI. PI: POZO GARCÍA, MIGUEL ÁNGEL. Funding organisation: Ministerio de Ciencia, Innovación y Universidades (RETOS).

NEC.18

Research in Glaucoma, Retina and Visual Pathways

Competitive Funding

FIS.191431. ANALISIS DE LAS BASES GENÉTICAS Y MOLECULARES DEL GLAUCOMA CONGENITO Y JUVENIL: IMPLICACIONES DIAGNÓSTICAS Y TERAPÉUTICAS. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Neuro-TIC. Diagnóstico digital: transformando la detección y manejo de pacientes en enfermedades neurovasculares (Neuro-TIC). PI: JULIAN GARCIA FEIJOO, JOSE IGNACIO FERNANDEZ-VIGO ESCRIBANO, ENRIQUE SANTOS BUESO.

SmartEye. Mejoras en el diagnóstico e investigación clínica mediante tecnologías inteligentes aplicadas a imagen oftalmológica (SmartEye) . PI: julian garcia feijoo, jose ignacio fernandez-vigo escribano, sara garcia caride, marcos ortega hortas.

Non Competitive Funding

15.573-P. A prospective, concurrent controlled, open label, multicenter clinical study to assess the long-term safety of the Preserflo MicroShunt in subjects with primary Open angle glaucoma who have completed participation in the INN-005 randomized controlled study. INNFOCUS EXT . PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.2019/139. A Randomized, Double-masked, Phase 3 Study of ABP 938 Efficacy and Safety Compared to Aflibercept (Eylea®) in Subjects with Neovascular Age-related Macular Degeneration. PI: LOPEZ GUAJARDO, LORENZO.

ECL.21/623. CARACTERIZACIÓN DE LOS PUNTOS HIPERREFLECTIVOS COMO BIOMARCADOR EN OCT EN PATOLOGÍAS RETINIANAS. ESTUDIO CLÍNICO Y EXPERIMENTAL (CON-OCT). PI: VALVERDE MEGIAS, ALICIA.

JGF.M01STAR. Colaboración para la realización de un manuscrito sobre los resultados de 6 meses del ensayo STAR-II para MINject (a un nivel científico adecuado y de calidad suficiente para permitir la publicación en una revista revisada por pares con un factor de impacto significativo), así como actividades de Investigación, capacitación y / o actividades en el campo de la oftalmología. PI: GARCÍA FEIJOÓ, JULIÁN.

JGF.C01CARL. Colaboración proyecto "Puesta en marcha del Proyecto Formación Virtual en Cirugía Oftalmología dentro del Smart Health Center del HCSC". PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.20/068. Eficacia, seguridad y farmacocinética (FC) de 3 dosis de colirio REC 0/0559 para el tratamiento de la queratitis neurotrófica (NQ) en estadios II (moderada) y III (grave) en pacientes adultos. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL.

20/068-R. Eficacia, seguridad y farmacocinética de 3 dosis de colirio REC 0/0559 para el tratamiento de la queratitis neurotrófica en estadio 2 (moderada) y 3 (grave) en pacientes adultos. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL.

22/675-E. Encuesta sobre sistemas alternativos de administración de fármacos y cirugía mínimamente invasiva en lugar del tratamiento con colirios para el glaucoma. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.21/522. ENSAYO CLÍNICO ALEATORIZADO PARALELO POSTCOMERCIALIZACIÓN, PARA DETERMINAR LA EFICACIA Y SEGURIDAD DE ATROPINA Y LENTES DIMS EN EL CONTROL DE LA MIOPIA EN POBLACIÓN PEDIÁTRICA. PI: GÜEMES VILLALBA, NOEMÍ.

ECL.22/405. ESTABILIDAD Y RESULTADOS VISUALES OBTENIDOS POR UNA NUEVA LENTE INTRAOCULAR TRIFOCAL TÓRICA, CLAREON PANOPTIX EN CIRUGÍA DE CATARATAS. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.20/493. Estudio básico de investigación en humanos de nuevas variables relacionadas con el glaucoma e identificación de poblaciones óptimas de pacientes para ensayos de neuroprotección. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.21/752. ESTUDIO CLÍNICO MULTICÉNTRICO PARA DETERMINAR LA SEGURIDAD Y LA EFICACIA DE UNA LENTE INTRAOCULAR (LIO) TRIFOCAL ACRÍLICA HIDROFÓBICA. PI: GARCIA BELLA, JAVIER.

22/089. Estudio clínico multicéntrico, aleatorizado y comparativo sobre la evaluación de la eficacia y seguridad de Neovis® Total Multi frente a Systane® Balance en el tratamiento de la sequedad ocular asociada a la disfunción de las glándulas de meibomio. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL.

ECL.21/098. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO Y CON CONTROL ACTIVO PARA COMPARAR LA EFICACIA Y SEGURIDAD DE HLX04-O ADMINISTRADO POR INYECCIÓN INTRAVÍTREA CON RANIBIZUMAB EN SUJETOS CON DEGENERACIÓN MACULAR HÚMEDA ASOCIADA A LA EDAD (WAMD). PI: DONATE LÓPEZ, JUAN."

ECL.21/306. ESTUDIO DE FASE II DE LA SEGURIDAD DE LAS CÉLULAS MADRE MESENQUIMALES MSV® (PEI: 15-007) EN INYECCIÓN INTRAVÍTREA PARA EL TRATAMIENTO DE PACIENTES CON NEUROPATÍA ÓPTICA ISQUÉMICA ANTERIOR NO ARTERIAL AGUDA. PI: SANTOS BUESO, ENRIQUE.

ECL.21/797. ESTUDIO DE FASE II, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO CONTROLADO CON TRATAMIENTO ACTIVO PARA INVESTIGAR LA EFICACIA, SEGURIDAD. PI: DONATE LÓPEZ, JUAN."

ECL.21/779. ESTUDIO DE FASE II, MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON TRATAMIENTO ACTIVO PARA INVESTIGAR LA EFICACIA, SEGURIDAD. PI: DONATE LÓPEZ, JUAN."

ECL.20/256. ESTUDIO DE FASE III MULTICÉNTRICO, ALEATORIZADO, ABIERTO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE ATEZOLIZUMAB ADMINISTRADO EN COMBINACIÓN CON CABOZANTINIB FRENTE A CABOZANTINIB.

ECL.19/102. Estudio de la progresión de la enfermedad en sujetos definidos genéticamente con atrofia geográfica secundaria a degeneración macular relacionada con la edad. PI: CALVO GONZÁLEZ, CRISTINA.

ECL.21/216. ESTUDIO DE LAS ALTERACIONES OCULARES EN LA ALOPECIA AREATA Y SUS CAMBIOS CON EL TRATAMIENTO. PI: BURGOS BLASCO, BARBARA.

ECL.19/411. Estudio de los niveles de citoquinas y resultado quirúrgico del implante PRESERFLO Microshunt en la cirugía de glaucoma. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.14/039-0. ESTUDIO DE VIGILANCIA A LARGO PLAZO DE LATANOPROST PARA CONTROLAR LOS CAMBIOS DE HIPERPIGMENTACIÓN OCULAR EN POBLACIONES PEDIÁTRICAS. PI: GARCÍA FEIJOÓ, JULIÁN.

ECL.21/305. ESTUDIO EN FASE III, ALEATORIZADO, CON DOBLE CIEGO Y MULTICÉNTRICO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE OPT-302 INTRAVÍTREO EN COMBINACIÓN CON RANIBIZUMAB, COMPARADO CON RANIBIZUMAB EN MONOTERAPIA, EN PARTICIPANTES CON DEGENERACIÓN MACULAR ASOCIADA A LA EDAD (DMAE) NEOVASCULAR. PI: DONATE LÓPEZ, JUAN.

ECL.20/691. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, CON ENMASCARAMIENTO DOBLE, EN 2 GRUPOS PARALELOS Y DE 52 SEMANAS DE DURACIÓN PARA COMPARAR LA EFICACIA, SEGURIDAD E INMUNOGENICIDAD DE SOK583A1 RESPECTO A EYLEA® ADMINISTRADO DE FORMA INTRAVÍTREA EN PACIENTES CON DEGENERACIÓN MACULAR NEOVASCULAR ASOCIADA A LA EDAD. PI: DONATE LÓPEZ, JUAN.

ECL.21/664. ESTUDIO PARA LA EVALUACIÓN DE RESULTADOS VISUALES Y SATISFACCIÓN DEL PACIENTE TRAS IMPLANTE DE LENTE INTRAOCULAR MONOFOCAL AVANZADA. PI: GARCIA BELLA, JAVIER.

ECL.22/285. ESTUDIO PROSPECTIVO OBSERVACIONAL DE LA EXPRESIÓN DE MOLÉCULAS RELACIONADAS CON LA INFLAMACIÓN Y EL DAÑO CELULAR COMO MARCADORES DIAGNÓSTICOS DE LA PRESENCIA Y PROGRESIÓN DE ECTASIAS CORNEALES. PI: CUIÑA SARDIÑA, RICARDO.

ECL.21/247. ESTUDIO RETROSPECTIVO DE LA EFICACIA Y SEGURIDAD DE PRESERFLO COMBINADO CON CATARATA. PI: MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA.

ECL.20/290. INVESTIGACIÓN CLÍNICA PARA VALORAR LA EFICACIA Y LA SEGURIDAD DEL GEL OFTÁLMICO VISUXL® ADMINISTRADO A PACIENTES AFECTADOS POR EL SÍNDROME DEL OJO SECO (SOS) MODERADO: UN ESTUDIO ALEATORIZADO, DOBLE CIEGO CRUZADO. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL."

ECL.20/030. Multicentric Post-Market Clinical Follow-up (PMCF) Investigation to Determine Safety and Efficacy of a Hydrophobic EDOF Intraocular Lens (IOL) in Comparison to a Monofocal IOL. PI: GARCIA BELLA, JAVIER.

ECL.22/089. MULTICENTRIC, RANDOMIZED, COMPARATIVE CLINICAL STUDY ON THE EVALUATION OF THE EFFICACY AND SAFETY OF NEOVIS® TOTAL MULTI VERSUS SYSTANE® BALANCE ON THE TREATMENT OF OCULAR DRYNESS ASSOCIATED WITH MEIBOMIAN GLAND DYSFUNCTION. PI: BENÍTEZ DEL CASTILLO SÁNCHEZ, JOSÉ MANUEL."

ECL.20/699. PERFECCIONAMIENTO, AMPLIACIÓN Y VALIDACIÓN DEL ALGORITMO "LAGUNA ONHe", PARA EVALUAR LA HEMOGLOBINA DEL NERVO ÓPTICO CON BIG DATA Y MACHINE LEARNING. PI: MÉNDEZ HERNÁNDEZ, CARMEN DORA.

ECL.22/303. PRIMER ESTUDIO EN HUMANOS PARA EVALUAR LA SEGURIDAD Y TOLERABILIDAD DEL AUMENTO DE DOSIS INTRAVÍTREAS ÚNICA (ABIERTO, NO ALEATORIZADO, NO CONTROLADO) Y ADEMÁS LA RESPUESTA BIOLÓGICA TEMPRANA DE DOSIS INTRAVÍTREAS MÚLTIPLES (DOBLE CIEGO, ALEATORIZADO, CONTROL SIMULADO) DE BI 765128 EN PACIENTES CON FOTOCOAGULACIÓN PARENTINAL PARA LA RETINOPATÍA DIABÉTICA (RD) CON ISQUEMIA MACULAR DIABÉTICA (IMD): ESTUDIO PARTRIDGE. PI: DONATE LÓPEZ, JUAN.

ECL.20/621. REGISTRO DE INFECCIONES CORNEALES ASOCIADAS AL USO DE LENTES DE CONTACTO. PI: ARRIOLA VILLALOBOS, PEDRO.

ECL.22/445. UN ENSAYO CLÍNICO PROSPECTIVO, ABIERTO Y MULTICÉNTRICO QUE EVALÚA LA EFICACIA Y SEGURIDAD DEL SISTEMA INTEGRADO MINIJET CS627 COMBINADO CON LA CIRUGÍA DE CATARATAS EN SUJETOS CON GLAUCOMA DE ÁNGULO ABIERTO NO CONTROLADO POR MEDICAMENTOS HIPOTENSORES TÓPICOS Y DIAGNÓSTICO DE CATARATAS OPERABLES RELACIONADAS CON LA EDAD. PI: GARCÍA FEIJOO, JULIÁN.

ECL.20/745. UN ENSAYO CLÍNICO PROSPECTIVO, ABIERTO, MULTICÉNTRICO QUE ANALIZA LA EFICACIA Y LA SEGURIDAD DEL MINIJET (MINI SO627) EN PACIENTES CON GLAUCOMA DE ÁNGULO ABIERTO NO CONTROLADO POR FÁRMACOS HIPOTENSORES TÓPICOS UTILIZANDO UN SISTEMA DE INSERCIÓN MODIFICADO DE UN SOLO OPERADOR. PI: GARCÍA FEIJOO, JULIÁN.

ECL.21/754. UN ESTUDIO PROSPECTIVO, ABIERTO Y MULTICÉNTRICO QUE ANALIZA LA SEGURIDAD A LARGO PLAZO DE LOS IMPLANTES DE MINIJET PARA GLAUCOMA EN PACIENTES CON GLAUCOMA DE ÁNGULO ABIERTO NO CONTROLADO CON MEDICAMENTOS HIPOTENSORES TÓPICOS – STAR-GLOBAL (ISM09). PI: GARCÍA FEIJOO, JULIÁN.

ECL.22/211. ENSAYO CLÍNICO ALEATORIZADO PARALELO PARA DETERMINAR LA EFICACIA Y SEGURIDAD DEL COLIRIO DE INSULINA EN EL TRATAMIENTO DEL OJO SECO EN PACIENTES CON OJO SECO. PI: BURGOS BLASCO, BARBARA.

NEC.20

Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

Competitive Funding

PR27/21-016. Disección del circuito hipocampal: excitabilidad neuronal y conectividad sináptica en el eje superficial-profundo. PI: Alberto Sánchez-Aguilera. Funding organisation: Comunidad de Madrid - UCM.

PID2021-122723OA100. Contribution of protein ectodomain shedding to autism spectrum disorders. PI: M^aDolores Martín de Saavedra. Funding organisation: Agencia Estatal de Investigación (Ministerio de Ciencia e Innovación).

PID2020-114030RB-I00. ESTRATEGIAS DE RESCATE DE LA PLASTICIDAD SINÁPTICA Y FUNCIÓN CEREBELAR EN UN RATON MODELO DEL SÍNDROME DEL X FRÁGIL. PI: Magdalena Torres y Ricardo Martín. Funding organisation:

Agencia Estatal de Investigación (Ministerio de Ciencia e Innovación).

OPTIMIZACIÓN DE MC903, UNA QUINOLINITRONA PARA LA TERAPIA COMBINADA DE LA ENFERMEDAD DE ALZHEIMER Y LA ISQUEMIA CEREBRAL. PI: María Jesús Oset-Gasque y José Luis Marco Contelles. Funding organisation: Universidad Camilo José Cela.

UCJC 2021-18. Optimization of contilisant: design, synthesis, and biological evaluation. PI: Francisco López Muñoz/José Luis Marco Contelles. Funding organisation: Universidad Camilo José Cela.

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NEC.22

Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

Competitive Funding

CSB.YEI.21. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: SOTO BEAUREGARD, CARMEN. Funding organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JMO.YEI.21. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: MARTÍNEZ ORGADO, JOSÉ. Funding organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JMO.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: MARTÍNEZ ORGADO, JOSÉ. Funding organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

Non Competitive Funding

ECL.21/136. DISFAGIA OROFARÍNGEA EN EL NIÑO PEQUEÑO. GRAVEDAD DE LA DISFAGIA Y ESTADO NUTRICIONAL AL DIAGNÓSTICO Y TRAS MANEJO POR UN EQUIPO MULTIDISCIPLINAR QUE INCLUYA UN LOGOPEDA PEDIÁTRICO. PI: VECINO LOPEZ, RAQUEL.

FIS.190927. LA UNIDAD NEUROVASCULAR COMO DIANA TERAPEUTICA PARA PREVENIR LAS SECUELAS DEL INFARTO ARTERIAL CEREBRAL ISQUEMICO NEONATAL EN UN MODELO EN RATA. PI: MARTÍNEZ ORGADO, JOSÉ. Funding organisation: INSTITUTO DE SALUD CARLOS III.

EUR.M01TREOCAPA. Prophylactic treatment of the ductus arteriosus in pre-term infants by acetaminophen. PI: CORREDERA SANCHEZ, ARACELI. Funding organisation: COMISIÓN EUROPEA.

CM20/00134. RRHH RIO HORTEGA: Niki Oikonomopoulou. PI: MARTÍNEZ ORGADO, JOSÉ. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ECL.2019/067. Estudio abierto con fase de extensión para evaluar la eficacia y la seguridad de perampanel administrado como tratamiento complementario en sujetos pediátricos (de 1 mes a menos de 18 años de edad) con epilepsia infantil. PI: DE SANTOS MORENO, TERESA.

ECL.22/220. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE RIMEGEPANT EN LA PREVENCIÓN DE LA MIGRAÑA EN NIÑOS Y ADOLESCENTES DE ≥ 6 A < 18 AÑOS DE EDAD. PI: DE SANTOS MORENO, TERESA.

ECL.20/558. Estudio multicéntrico, abierto, para evaluar la seguridad, la tolerabilidad y la eficacia a largo plazo de la administración subcutánea mensual de fremanezumab, como tratamiento preventivo de las migrañas crónicas y episódicas en niños de entre 6 y 17 años. PI: DE SANTOS MORENO, TERESA.

ECL.20/557. Estudio multicéntrico, aleatorizado, con enmascaramiento doble, controlado con placebo, de grupos paralelos para comparar la eficacia, la seguridad y la tolerabilidad de la administración subcutánea de fremanezumab, comparado con placebo como tratamiento preventivo de las migrañas episódicas en niños de entre 6 y 17 años. PI: DE SANTOS MORENO, TERESA.

ECL.20/550. Estudio multicéntrico, aleatorizado, con enmascaramiento doble, controlado con placebo, de grupos paralelos para comparar la eficacia, la seguridad y la tolerabilidad de la administración subcutánea de fremanezumab, comparado con placebo, como tratamiento preventivo de las migrañas crónicas en niños de entre 6 y 17 años. PI: DE SANTOS MORENO, TERESA.

ECL.20/249. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen. PI: CORREDERA SANCHEZ, ARACELI.

ECL.2019/096. Targeted Oxygenation in the Respiratory care of Premature Infants at Delivery: Effects on Outcome (TORPIDO 30/60). PI: ARRUZA GÓMEZ, LUIS.

ECL.17/319. UTILIDAD DE LA DIETA CETOGENICA DE INICIO PRECOZ EN CRISIS DE DIFÍCIL CONTROL EN PACIENTES PEDIÁTRICOS. PI: VECINO LOPEZ, RAQUEL.

ONC.1

Clinical and Translational Research in Oncology

Competitive Funding

PGR.YEI.21. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: GARRE RUBIO, PILAR. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

AOFYEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: OCAÑA FERNANDEZ, ALBERTO. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

MHM.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio cofinanciadas por el Fondo Social Europeo a través del Programa Operativo de Empleo Juvenil y la Iniciativa de Empleo Juvenil (YEI). PI: DE LA HOYA MANTECÓN, MIGUEL. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

F120/00186. CONTRATOS PFIS: ADRIÁN SANVICENTE GARCIA. PI: OCAÑA FERNANDEZ, ALBERTO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191366. Diagnóstico molecular avanzado de la poliposis adenomatosa tipo X: análisis de mosaicismo genético. PI: GARRE RUBIO, PILAR. Funding organisation: INSTITUTO DE SALUD CARLOS III.

JMS.C01FIU. Estilos de vida y nutrición asociados a la Hiperplasia Benigna de Próstata. Estudio caso control de base poblacional. PI: MORENO SIERRA, JESÚS. Funding organisation: FUNDACIÓN PARA LA INVESTIGACIÓN EN UROLOGÍA (FIU).

Non Competitive Funding

ECL.22/071. A MULTICENTER, RANDOMIZED, OPEN-LABEL, BLINDED END-POINT EVALUATION, PHASE 3 STUDY COMPARING THE EFFECT OF ABELACIMAB RELATIVE TO APIXABAN ON VENOUS THROMBOEMBOLISM (VTE) RECURRENCE AND BLEEDING IN PATIENTS WITH CANCER ASSOCIATED VTE (ASTER). PI: PÉREZ SEGURA, PEDRO.

ECL.2018/094. A Phase 3, Global, Multi-Center, Double-Blind, Randomized, Efficacy Study of Zolbetuximab (IMAB362) Plus CAPOX Compared with Placebo Plus CAPOX as First-line Treatment of Subjects with Claudin (CLDN) 18.2-Positive, HER2-Negative, Locally Advanced Unresectable or Metastatic Gastric or Gastroesophageal Junction (GEJ) Adenocarcinoma. PI: SASTRE VALERA, JAVIER.

ECL.2018/072. A phase III randomized, double-blinded trial of platinum-based chemotherapy with or without atezolizumab followed by niraparib maintenance with or without atezolizumab in patients with recurrent ovarian, tubal or peritoneal cancer and platinum treatment-free interval (TFI) > 6 months. PI: MARQUINA OSPINA, GLORIA.

CFO.F01AEACaP. FISSIOS® AND POSTOPERATIVE COMPLICATIONS (FPOC TRIAL). ENSAYO CLÍNICO MULTICÉNTRICO, ALEATORIZADO Y CONTROLADO COMPARANDO UN PROGRAMA PRESENCIAL DE FISIOTERAPIA RESPIRATORIA PERIOPERATORIA VERSUS EL USO DE FISSIOS APP® COMO COMPLEMENTO DE UN PROGRAMA DE FISIOTERAPIA RESPIRATORIA EN PACIENTES CON DIAGNÓSTICO DE CARCINOMA DE PULMÓN DE CÉLULAS NO PEQUEÑA SOMETIDOS A UNA CIRUGÍA DE RESECCIÓN PULMONAR. PI: FRAILE OLIVERO, CARLOS ALFREDO. Funding organisation: ASOCIACIÓN ESPAÑOLA DE AFECTADOS DE CÁNCER DE PULMÓN AEACAP.

FIS.190808. NUEVAS TERAPIAS CONTRA BROMODOMINIOS EN CANCER DE MAMA TRIPLE NEGATIVO Y HER2 POSITIVO. PI: OCAÑA FERNANDEZ, ALBERTO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181020. Papel de los exosomas como reguladores epigenéticos en el microambiente tumoral ¿Posibilidad de revertir el microambiente tumoral activo?. PI: GARCÍA BARBERÁN, VANESA. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI20/00110. Regulación del splicing en respuesta a daños en el DNA: implicaciones clínicas en cáncer de mama y ovario hereditario. PI: DE LA HOYA MANTECÓN, MIGUEL. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PPS.F01SEOM21. SEROCONVERSIÓN E IMPACTO INMUNOLÓGICO TRAS VACUNACIÓN CONTRA EL SARS-COV-2 EN PACIENTES CON TUMORES SÓLIDOS EN TRATAMIENTO ACTIVO. PI: PÉREZ SEGURA, PEDRO. Funding organisation: SOCIEDAD ESPAÑOLA DE ONCOLOGÍA (SEOM).

ECL.21/343. A PHASE III, OPEN LABEL, RANDOMISED, 3 ARM, MULTI CENTRE STUDY OF SAVOLITINIB PLUS DURVALUMAB VERSUS SUNITINIB AND DURVALUMAB MONOTHERAPY IN PARTICIPANTS WITH MET DRIVEN. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/187. A PHASE III, OPEN-LABEL, RANDOMIZED STUDY OF ATEZOLIZUMAB AND TIRAGOLUMAB COMPARED WITH DURVALUMAB IN PATIENTS WITH LOCALLY ADVANCED, UNRESECTABLE STAGE III Non-SMALL CELL LUNG CANCER WHO HAVE NOT PROGRESSED AFTER CONCURRENT PLATINUM-BASED CHEMORADIATION (. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/725. A PHASE III, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL TO EVALUATE THE EFFICACY AND SAFETY OF ADJUVANT ATEZOLIZUMAB OR PLACEBO AND TRASTUZUMAB EMTANSINE FOR HER2-POSITIVE BREAST CANCER AT HIGH RISK OF RECURRENCE FOLLOWING PREOPERATIVE THERAPY. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/583. A Phase IIIB, Single Arm Study, of Durvalumab in Combination with Platinum-Etoposide for Untreated Patients with Extensive-Stage Small Cell Lung Cancer reflecting Real World Clinical Practice in Spain (CANTABRICO). PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/631. A RANDOMISED PHASE II STUDY COMPARING 3 VS 6 CYCLES OF PLATINUM-BASED CHEMOTHERAPY PRIOR TO MAINTENANCE AVELUMAB IN ADVANCED UROTHELIAL CÁNCER. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.21/582. A RANDOMIZED, BLINDED, PLACEBO-CONTROLLED, PHASE 2 STUDY OF INBRX-109 IN UNRESECTABLE OR METASTATIC CONVENTIONAL CHONDROSARCOMA. PI: CASADO HERRÁEZ, ANTONIO."

ECL.2019/054. A Randomized, Double-Blind, Controlled Phase 3 Study of Cabozantinib in Combination with Nivolumab and Ipilimumab versus Nivolumab and Ipilimumab in Subjects with Previously Untreated Advanced or Metastatic Renal Cell Carcinoma of Intermediate or Poor Risk. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2017/035. A Randomized, Open-Label, Phase 3 Study of Abemaciclib combined with Standard Adjuvant Endocrine Therapy versus Standard Endocrine Therapy Alone in Patients with High Risk, Node Positive, Early Stage, Hormone Receptor Positive, Human Epidermal Receptor 2 Negative, Breast Cancer. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/648. ACTUATE 1801: ESTUDIO DE FASE 1/2 DE 9-ING-41, UN INHIBIDOR DE GLUCÓGENO SINTASA QUINASA-3 BETA (GSK-3 β), COMO AGENTE ÚNICO Y EN COMBINACIÓN CON QUIMIOTERAPIA, EN PACIENTES CON NEOPLASIAS MALIGNAS HEMATOLÓGICAS O TUMORES SÓLIDOS REFRACTARIOS. PI: SASTRE VALERA, JAVIER.

ECL.20/183. An open-label, randomized, controlled phase 3 study of enfortumab vedotin in combination with pembrolizumab with or without chemotherapy, versus chemotherapy alone in previously untreated locally advanced or metastatic urothelial cancer. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.16/344. Análisis de mediadores solubles, citoquinas y factores angiogénicos circulantes (FACs), como potenciales factores predictivos/pronósticos en el tratamiento con antiangiogénicos tras un fallo a una primera línea de quimioterapia en el carcinoma de pulmón no escamoso avanzado. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/575. ANÁLISIS OBSERVACIONAL DEL TRATAMIENTO CON PALBOCICLIB EN PACIENTES CON CÁNCER DE MAMA AVANZADO O METASTÁSICO RH+/HER2- EN PRIMERA LINEA DE TRATAMIENTO DENTRO DE PRÁCTICA CLÍNICA HABITUAL. PI: MORENO ANTÓN, FERNANDO.

ECL.18/263. ANALISIS RETROSPECTIVO, OBSERVACIONAL DEL TRATAMIENTO CON PALBOCICLIB EN PACIENTES CON CÁNCER DE MAMA AVANZADO DENTRO DEL PROGRAMA DE USO COMPASIVO" - "Retrospective observational analysis of palbociclib treatment in patients with advanced breast cancer within a compassionate use programme. PI: MORENO ANTÓN, FERNANDO.

ECL.18/511. ATEZOLIZUMAB, PERTUZUMAB Y TRASTUZUMAB CON QUIMIOTERAPIA COMO TRATAMIENTO NEOADYUVANTE EN PACIENTES CON CÁNCER DE MAMA PRECOZ Y LOCALMENTE AVANZADO HER2 POSITIVO DE ALTO RIESGO.(APTNEO). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.14/527. AURORA: Investigación de las alteraciones moleculares en el cáncer de mama metastásico. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/479. BLI-O. DESARROLLO DE MARCADORES MOLECULARES EN BIOPSIA LÍQUIDA PARA LARGA SUPERVIVENCIA EN ONCOINMUNOTERAPIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/330. CA125 EN SUPERFICIE CELULAR COMO BIOMARCADOR DE RECÁIDAS EN CÁNCER DE OVARIO. PI: MARQUINA OSPINA, GLORIA.

ECL.21/475. CARACTERIZACIÓN DE MECANISMOS DE RESISTENCIA A INHIBIDORES DEL PUNTO DE CONTROL (CHECKPOINT INHIBITORS). PI: PUENTE VÁZQUEZ, JAVIER.

CONV17/081. Colaboración para la realización de las pruebas de detección de todas las mutaciones BRAF de pacientes con melanoma metastásico "Proyecto Molecular DX para el diagnóstico de precisión de BRAF". PI: DE LA HOYA MANTECÓN, MIGUEL.

CONV17/081. Colaboración para la realización de las pruebas de detección de todas las mutaciones BRAF de pacientes con melanoma metastásico "Proyecto Molecular DX para el diagnóstico de precisión de BRAF". PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

CONV17/081. Colaboración para la realización de las pruebas de detección de todas las mutaciones BRAF de pacientes con melanoma metastásico "Proyecto Molecular DX para el diagnóstico de precisión de BRAF". PI: PÉREZ SEGURA, PEDRO.

CONV17/081. Colaboración para la realización de las pruebas de detección de todas las mutaciones BRAF de pacientes con melanoma metastásico "Proyecto Molecular DX para el diagnóstico de precisión de BRAF". PI: CALDES LLOPIS, TRINIDAD.

CONV20/167. CONFIDENCIALITY AND Non-DISCLOSURE AGREEMENT. PI: CASADO HERRÁEZ, ANTONIO.

ECL.16/494. Estudio prospectivo multicéntrico de factores pronósticos en pacientes con cáncer de PRÓstata resistente a la castración tratados con ENZAlutamida. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/123. Cordoma sacro: un estudio aleatorizado y observacional sobre cirugía versus radioterapia definitiva en enfermedad localizada primaria (SACRO). PI: MARQUINA OSPINA, GLORIA.

ECL.21/505. daNIS-3: ESTUDIO PLATAFORMA DE FASE II, MULTICÉNTRICO Y ABIERTO QUE EVALÚA LA EFICACIA Y LA SEGURIDAD DE NIS793 Y OTRAS COMBINACIONES DE NUEVOS FÁRMACOS EN INVESTIGACIÓN CON EL TRATAMIENTO DE REFERENCIA CONTRA EL CÁNCER PARA LA SEGUNDA LÍNEA DE TRATAMIENTO DEL CÁNCER COLORRECTAL METASTÁSICO.

daNIS-3: AN OPEN-LABEL, MULTI-CENTER, PHASE II PLATFORM STUDY EVALUATING THE EFFICACY AND SAFETY OF NIS793 AND OTHER NEW INVESTIGATIONAL DRUG COMBINATIONS WITH STANDARD OF CARE (SOC) ANTI-CANCER THERAPY FOR THE SECOND LINE TREATMENT OF METASTATIC COLORECTAL CANCER (MCRC). PI: GARCÍA PAREDES, BEATRIZ."

ECL.20/134. Desarrollo de herramientas de gestión de ensayos clínicos urológicos y digitalización de pacientes. PI: PUENTE VÁZQUEZ, JAVIER.

JPV.C02AST. El objeto del Convenio consiste en que ASTELLAS contribuye a que la FIBHCSC pueda llevar a cabo la actividad. Los fondos irán destinados a la ejecución del Proyecto "Desarrollo de herramientas de gestión de ensayos clínicos urológicos y digitalización de datos de pacientes". PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/144. Elacestrant en monoterapia, en comparación con el tratamiento habitual, en pacientes con cáncer de mama avanzado ER+/HER2- que han recibido previamente un inhibidor de CDK4/6: Ensayo de fase 3, aleatorizado, abierto, controlado con principio activo y multicéntrico (EMERALD). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/294. EMBER-3: ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, EN EL QUE SE COMPARA LY3484356 CON LA HORMONOTERAPIA DE PREFERENCIA DEL INVESTIGADOR EN PACIENTES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO, CON EXPRESIÓN DE RECEPTORES ESTROGÉNICOS Y SIN SOBREEXPRESIÓN DEL RECEPTOR HER2, QUE ANTERIORMENTE HAN RECIBIDO HORMONOTERAPIA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL."

ECL.21/470. ENSAYO ALEATORIZADO DE FASE III DE TRASTUZUMAB + ALPELISIB +/- FULVESTRANT FRENTE A TRASTUZUMAB + QUIMIOTERAPIA EN PACIENTES CON CÁNCER DE MAMA AVANZADO HER2+ CON MUTACIÓN DE PIK3CA PREVIAMENTE TRATADOS. "ESTUDIO ALPHABET". PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/463. ENSAYO ALEATORIZADO FASE III DE NIVOLUMAB EN ADYUVANCIA Y QUIMIOTERAPIA CONCOMITANTE EN PACIENTES DE ALTO RIESGO CON CARCINOMA DE CÉLULAS ESCAMOSAS DE CABEZA Y CUELLO RESECADO. PI: PÉREZ SEGURA, PEDRO."

ECL.21/463. ENSAYO ALEATORIZADO FASE III DE NIVOLUMAB EN ADYUVANCIA Y QUIMIOTERAPIA CONCOMITANTE EN PACIENTES DE ALTO RIESGO CON CARCINOMA DE CÉLULAS ESCAMOSAS DE CABEZA Y CUELLO RESECADO. PI: CABEZAS CAMARERO, SANTIAGO.

ECL.20/608. Ensayo aleatorizado, doble ciego, adyuvante, controlado con placebo en personas con glioblastoma primario de nuevo diagnóstico para evaluar la eficacia y la seguridad del ácido 2-hidroxioléico (2-OHOA) en combinación con tratamiento de referencia con radioterapia y temozolomida. PI: PÉREZ SEGURA, PEDRO.

ECL.2019/014. Ensayo aleatorizado, fase II, abierto, con el anti-PD1 TSR-042 como terapia de mantenimiento en pacientes con cáncer de cérvix localmente avanzado de alto riesgo después de quimioradioterapia. PI: MARQUINA OSPINA, GLORIA.

ECL.20/152. ENSAYO CLÍNICO ALEATORIZADO FASE I/II DE SELINEXOR MÁS GEMCITABINA EN DETERMINADOS SARCOMAS DE PARTES BLANDAS AVANZADOS. PI: CASADO HERRÁEZ, ANTONIO."

ECL.20/553. Ensayo clínico de fase IB de palbociclib y binimetinib en cáncer de mama triple negativo avanzado con hiperactivación de ERK y/o CDK4/6. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/199. Ensayo clínico de fase II para evaluar la eficacia y seguridad del tratamiento de primera línea con atezolizumab en combinación con paclitaxel y bevacizumab (Avastin®) en pacientes con cáncer de mama triple negativo avanzado o metastásico. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/189. Ensayo clínico de fase II, multicéntrico, abierto, con un único grupo y multicohorte de trastuzumab deruxtecan (DS-8201a) en cáncer de mama avanzado con receptor del factor de crecimiento epidérmico humano 2 positivo (HER2) con metástasis cerebrales. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2019/108. Ensayo Clínico de Fase III, Aleatorizado, Doble Ciego, sobre Quimioterapia Neoadyuvante con Atezolizumab o Placebo en Pacientes con Cáncer de Mama Triple Negativo, seguida de Adyuvancia con Atezolizumab o Placebo. PI: MORENO ANTÓN, FERNANDO.

ECL.2016/092. Ensayo clínico en fase III, aleatorizado, abierto y multicéntrico para comparar la eficacia y la seguridad de lenvatinib en combinación con everolimus o pembrolizumab frente a sunitinib en monoterapia en el tratamiento de primera línea de sujetos con carcinoma de células renales en estadio avanzado. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2019/010. ENSAYO CLÍNICO FASE II ABIERTO DE ATEZOLIZUMAB EN COMBINACION CON BEVACIZUMAB COMO PRIMERA LINEA DE TRATAMIENTO PARA PACIENTES CON CANCINOMA DE PULMÓN NO MICROCÍTICO NO ESCAMOSO LOCALMENTE AVANZADO O METASTASICO SELECCIONADOS SEGÚN CARGA MUTACIONAL TUMORAL (TMB) ALTA-INTERMEDIA. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/714. ENSAYO CLÍNICO FASE II DE AMG510 (SOTRASIB) EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) ESTADIO III IRRESECCABLES CON MUTACIÓN KRAS P.G12 NO ELEGIBLES PARA TRATAMIENTO CON QUIMIORADIOTERAPIA. PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/125. ENSAYO CLÍNICO FASE II DE ATEZOLIZUMAB CON QUIMIOTERAPIA DE INDUCCIÓN MÁS QUIMIORADIOTERAPIA Y TERAPIA DE MANTENIMIENTO CON ATEZOLIZUMAB EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) ESTADIO IIIA-IIIB NO RESECCABLE. PI: AGUADO DE LA ROSA, CARLOS.

ECL.2019/146. Ensayo clínico fase II multicéntrico aleatorizado para evaluar la eficacia y seguridad de la combinación de nivolumab y paclitaxel en primera línea de tratamiento en pacientes con carcinoma escamoso de cabeza y cuello recurrente o metastásico no candidatos a recibir quimioterapia basada en platino (NIVOTAX). PI: PÉREZ SEGURA, PEDRO.

ECL.2017/074. Ensayo clínico Fase II para evaluar la supervivencia, la calidad de vida y los resultados percibidos por el paciente en ancianos con cáncer de pulmón no microcítico tratados en primera línea con Pembrolizumab. PEBEL. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.2019/009. ENSAYO CLÍNICO FASE II RANDOMIZADO DE QUIMIOINMUNOTERAPIA NEO-ADYUVANTE VERSUS QUIMIOTERAPIA SOLA PARA EL TRATAMIENTO DE PACIENTES CON CANCER DE PULMÓN NO MICROCÍTICO (CPNM) LOCALMENTE AVANZADO Y POTENCIALMENTE RESECCABLE. NADIM II: Neo-Adjuvant Immunotherapy. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/405. Ensayo clínico fase III, doble ciego, aleatorizado, controlado con placebo que evalúa la eficacia y la seguridad de Capivasertib + Abiraterona versus Placebo + Abiraterona, como tratamiento para pacientes con Cáncer de próstata metastásico de novo, sensible a hormonas (mCPhS) caracterizado por la deficiencia de PTEN (CAPITello-281). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.18/579. Ensayo clínico fase III, multicéntrico, aleatorizado y abierto, para evaluar la eficacia y seguridad de ribociclib con terapia endocrina, como tratamiento adyuvante en pacientes con cáncer de mama precoz, receptores hormonales positivos, HER2 negativo (nuevo ensayo clínico en adyuvancia con ribociclib - [LEE011]: NATALEE). PI: MORENO ANTÓN, FERNANDO.

ECL.15/301. Ensayo Clínico Fase III, prospectivo, aleatorizado, doble ciego, de quimioterapia adyuvante con MEDI4736 versus placebo en pacientes con cáncer de pulmón no microcítico con resección completa. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/681. ENSAYO CLÍNICO, FASE III, ABIERTO, ALEATORIZADO DE DATO-DXD EN COMPARACIÓN CON LA QUIMIOTERAPIA A ELECCIÓN DEL INVESTIGADOR EN PACIENTES CON CÁNCER DE MAMA INOPERABLE O METASTÁSICO CON RECEPTORES HORMONALES POSITIVOS, HER2 NEGATIVO, QUE HAN RECIBIDO UNA O DOS LÍNEAS PREVIAS DE QUIMIOTERAPIA SISTÉMICA (TROPION-BREAST01). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2019/078. Ensayo de extensión de fase III, abierto y multicéntrico para estudiar la seguridad y la eficacia a largo plazo en participantes con tumores avanzados que actualmente están en tratamiento o en seguimiento en un ensayo de pembrolizumab. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/036. Ensayo de fase 3, abierto, multicéntrico y aleatorizado para comparar la eficacia y la seguridad de lenvatinib en combinación con pembrolizumab frente al tratamiento de elección del médico en pacientes con cáncer de endometrio avanzado. PI: CASADO HERRÁEZ, ANTONIO.

ECL.2019/021. Ensayo de fase 3, aleatorizado y doble ciego de pembrolizumab (MK-3475) más enzalutamida frente a un placebo más enzalutamida en participantes con cáncer de próstata resistente a la castración metastásico (CPRcm) (KEYNOTE-641). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/017. ENSAYO DE FASE 3, ALEATORIZADO Y DOBLE CIEGO DE PEMBROLIZUMAB (MK-3475) MÁS ENZALUTAMIDA MÁS ADT EN COMPARACIÓN CON UN PLACEBO MÁS ENZALUTAMIDA MÁS ADT EN PARTICIPANTES CON CÁNCER DE PRÓSTATA HORMONOSENSIBLE METASTÁSICO (CPHSM) (KEYNOTE-991). PI: PUENTE VÁZQUEZ, JAVIER."

ECL.13/356. ENSAYO DE FASE II/III ALEATORIZADO DE DOS DOSIS DE MK-3475 (SCH900475) FRENTE A DOCETAXEL EN SUJETOS CON CÁNCER DE PULMÓN NO MICROCÍTICO TRATADOS PREVIAMENTE. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/303. Ensayo en fase III global, multicéntrico, aleatorizado y controlado con placebo para comparar la eficacia y la seguridad de fruquintinib, más los mejores cuidados paliativos frente a placebo, más los mejores cuidados paliativos en pacientes con cáncer de. PI: SASTRE VALERA, JAVIER.

ECL.21/096. ENSAYO FASE II, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL TRASTUZUMAB DERUXTECAN (T-DXD, DS-8201A) PARA EL TRATAMIENTO DE TUMORES SELECCIONADOS QUE EXPRESAN HER2 (DESTINY-PANTUMOR02). PI: MANZANO FERNÁNDEZ, ARÁNZAZU."

ECL.20/377. Ensayo fase III, aleatorizado, controlado, multicéntrico de 3 brazos para evaluar osimertinib neoadyuvante en monoterapia o en combinación con quimioterapia, frente a la quimioterapia de referencia, para el tratamiento de pacientes con CPNM resecable con. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/510. ENSAYO FASE III, ALEATORIZADO, DOBLE CIEGO, PARA EVALUAR EL CAMBIO A AZD9833 (SERD ORAL DE NUEVA GENERACIÓN) + INHIBIDOR DE CDK4 /6 (PALBOCICLIB O ABEMACICLIB) FRENTE A CONTINUAR CON INHIBIDOR DE LA AROMATASA (LETROZOL O ANASTROZOL) + INHIBIDOR DE CDK4 /6 EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO RH + / HER2 NEG, CON MUTACIÓN DETECTABLE DEL ESR1 SIN PROGRESIÓN DE LA ENFERMEDAD DURANTE EL TRATAMIENTO DE IL CON INHIBIDOR DE LA AROMATASA + INHIBIDOR DE CDK4 /6. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/084. Ensayo fase III, multicéntrico, aleatorizado, doble ciego y controlado con placebo, de durvalumab (MEDI4736) en combinación con quimioterapia y bevacizumab, seguido de tratamiento de mantenimiento con durvalumab, bevacizumab y olaparib, en pacientes con cáncer de ovario avanzado recién diagnosticado (DUO-O). PI: CASADO HERRÁEZ, ANTONIO.

ECL.14/149. Ensayo fase III, multicéntrico, aleatorizado, doble ciego, de grupos paralelos, controlado con placebo, para evaluar la eficacia y la seguridad de olaparib frente a placebo como tratamiento adyuvante de pacientes con cáncer de mama HER2 negativo de alto riesgo y mutaciones germinales de BRCA1/2, que han finalizado el tratamiento local y la quimioterapia neoadyuvante o adyuvante. Estudio Olympia. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/496. Ensayo internacional fase III, randomizado, doble ciego, multicéntrico, de Monalizumab o placebo en combinación con Cetuximab en pacientes con carcinoma epidermoide de cabeza y cuello recurrente o metastásico tratado previamente con un inhibidor del punto de control inmunitario (INTERLINK-1). PI: CABEZAS CAMARERO, SANTIAGO.

ECL.2018/017. Ensayo mundial fase III, aleatorizado, abierto, multicéntrico de Durvalumab y el Bacilo de Calmette-Guerin (BCG) administrados como terapia combinada en comparación con BCG en monoterapia, en pacientes con cáncer de vejiga no músculo invasivo de alto riesgo sin tratamiento previo con BCG (POTOMAC). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.15/555. ENSAYO SOBRE TRATAMIENTO NEOADYUVANTE CON EL ANTI-CUERPO DIRIGIDO CONTRA PD-L1 EN EL CÁNCER DE MAMA TRIPLE NEGATIVO LOCALMENTE AVANZADO TRATADO CON NAB-PACLITAXEL Y CARBOPLATINO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/186. EPIK-B2: A two part, Phase III, multicenter, randomized (1:1), double-blind, placebo-controlled study to assess the efficacy and safety of alpelisib (BYL719) in combination with trastuzumab and pertuzumab as maintenance therapy in patients with HER2-positive advanced breast cancer with a PIK3CA mutation//Estudio de fase III, multicéntrico, aleatorizado (1:1), doble ciego, controlado con placebo, de dos partes para evaluar la eficacia y seguridad de alpelisib (BYL719) en combinación con trastuzumab y pertuzumab como terapia de mantenimiento en pacientes con cáncer de mama avanzado HER2 positivo con una mutación de PIK3CA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.19/070. REGISTRO DE RESPUESTAS COMPLETAS A SUNITINIB EN PACIENTES ESPAÑOLES CON CARCINOMA RENAL METASTÁSICO (ESTUDIO ATILA). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/052. ESTRATEGIA SIN QUIMIOTERAPIA BASADA EN LA REPUESTA PATOLÓGICA COMPLETA CON TRASTUZUMAB-PERTUZUMAB POR VÍA SUBCUTÁNEA Y T-DM1 EN CÁNCER DE MAMA HER2 POSITIVO EN ESTADIO INICIAL. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL."

ECL.21/474. ESTUDIO ABIERTO CON TUSAMITAMAB RAVTANSINA (SAR408701) EN COMBINACIÓN CON RAMUCIRUMAB EN PARTICIPANTES CON ADENOCARCINOMA GÁSTRICO O DE LA UNIÓN GASTROESOFÁGICA (UGE) AVANZADO, QUE HAYAN SIDO PREVIAMENTE TRATADOS Y CON TUMORES POSITIVOS A CEACAM5. PI: SASTRE VALERA, JAVIER.

ECL.2017/109. Estudio abierto, aleatorizado, fase 3 comparando trifluridina/tipiracilo (S95005) en combinación con bevacizumab y capecitabina en combinación con bevacizumab en primera línea de tratamiento de pacientes con cáncer colorrectal metastásico que no son candidatos a terapia intensiva (Estudio SOLSTICE). PI: SASTRE VALERA, JAVIER.

ECL.22/484. ESTUDIO ABIERTO, MULTICÉNTRICO, DE FASE 1B/2 CON E7386 EN COMBINACIÓN CON PEMBROLIZUMAB EN PACIENTES PREVIAMENTE TRATADOS CON TUMORES SÓLIDOS ESPECÍFICOS/AN OPEN-LABEL, MULTICENTER, PHASE 1B/2 STUDY OF E7386 IN COMBINATION WITH PEMBROLIZUMAB IN PREVIOUSLY TREATED SUBJECTS WITH SELECTED SOLID TUMORS. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/451. ESTUDIO ADAPTATIVO DE RAMAS TIPO PARAGUAS, FASE 1/2 Y ABIERTO, CON FÁRMACOS EN INVESTIGACIÓN CON O SIN PEMBROLIZUMAB EN PARTICIPANTES CON CARCINOMA UROTELIAL LOCALMENTE AVANZADO O METASTÁSICO RESISTENTE A INHIBIDORES DE PD-1/L1 (KEY-MAKER-U04): SUBESTUDIO 04. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.2019/061. ESTUDIO ALEATORIZADO DE FASE 3 PARA EVALUAR LA CISTECTOMÍA CON PEMBROLIZUMAB PERIOPERATORIO Y LA CISTECTOMÍA CON ENFORTUMAB VEDOTINA Y PEMBROLIZUMAB PERIOPERATORIOS FRENTE A LA CISTECTOMÍA SOLA EN PARTICIPANTES CON CÁNCER DE VEJIGA CON INVASIÓN MUSCULAR NO APTOS PARA RECIBIR CISPLATINO O APTOS PERO QUE RECHAZAN EL TRATAMIENTO CON CISPLATINO (KEYNOTE-905/ EV-303). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/361. Estudio aleatorizado de fase III de sitravatinib en combinación con nivolumab frente a docetaxel en pacientes con cáncer de pulmón no microcítico no escamoso avanzado con progresión de la enfermedad durante o después de la quimioterapia con platino y el tratamiento con inhibidor de punto de control (SAPPHIRE). PI: AGUADO DE LA ROSA, CARLOS.

ECL.20/255. ESTUDIO ALEATORIZADO EN FASE III DE QUIMIOTERAPIA NEOADYUVANTE SEGUIDA DE CIRUGÍA FRENTE A SOLO CIRUGÍA PARA PACIENTES CON SARCOMA RETROPERITONEAL DE ALTO RIESGO (STRASS 2). PI: CASADO HERRÁEZ, ANTONIO."

ECL.2018/063. Estudio aleatorizado, doble ciego, fase III de Pembrolizumab versus placebo en combinación con quimioterapia neoadyuvante y terapia endocrina adyuvante para el tratamiento de receptores de estrógeno en etapa temprana de alto riesgo, receptores del factor de crecimiento epidérmico humano 2-negativos (ER + / HER2 -) Cáncer de mama (KEYNOTE-756). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2019/157. Estudio clínico de fase 3, multicéntrico, aleatorizado, doble ciego y con control activo para evaluar la seguridad y la eficacia de lenvatinib (E7080/MK-7902) con pembrolizumab (MK-3475) en combinación con quimioembolización transarterial (QETA) en comparación con QETA en participantes con carcinoma hepatocelular no metastásico incurable (LEAP-012). PI: SASTRE VALERA, JAVIER.

ECL.21/414. ESTUDIO DE ESCALADA Y EXPANSIÓN DE DOSIS PARA EVALUAR LA SEGURIDAD Y LA FARMACOCINÉTICA DE XL092 EN MONOTERAPIA Y TRATAMIENTO COMBINADO EN PACIENTES CON TUMORES SÓLIDOS LOCALMENTE AVANZADOS O METASTÁSICOS INOPERABLES. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.22/417. ESTUDIO DE FASE 1 PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA Y EFICACIA DE AMG 509 EN SUJETOS CON CÁNCER DE PRÓSTATA RESISTENTE A LA CASTRACIÓN METASTÁSICO. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.2019/122. Estudio de fase 1/2 de ALKS 4230 administrado por vía subcutánea como monoterapia y en combinación con pembrolizumab en sujetos con tumores sólidos avanzados – ARTISTRY-2 (001). PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.2019/122. Estudio de fase 1/2 de ALKS 4230 administrado por vía subcutánea como monoterapia y en combinación con pembrolizumab en sujetos con tumores sólidos avanzados – ARTISTRY-2 (001). PI: OCAÑA FERNÁNDEZ, ALBERTO.

ECL.21/684. ESTUDIO DE FASE 1/2, MULTICÉNTRICO Y ABIERTO PARA EVALUAR LA SEGURIDAD, LA TOLERABILIDAD, LA FARMACOCINÉTICA Y LOS DATOS PRELIMINARES DE ACTIVIDAD ANTITUMORAL DE JAB-21822 EN MONOTERAPIA Y EN COMBINACIÓN EN PACIENTES ADULTOS CON TUMORES SÓLIDOS AVANZADOS PORTADORES DE LA MUTACIÓN KRAS G12C. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.21/226. ESTUDIO DE FASE 1A/B EN EL QUE SE EVALÚA LY3484356 EN MONOTERAPIA Y EN COMBINACIÓN CON ABEMACICLIB EN PACIENTES CON CÁNCER DE MAMA METASTÁSICO O LOCALMENTE AVANZADO ER+ Y HER2-. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/756. ESTUDIO DE FASE 1B/3 DE BEMARITUZUMAB MÁS QUIMIOTERAPIA Y NIVOLUMAB FRENTE A QUIMIOTERAPIA Y NIVOLUMAB EN MONOTERAPIA EN SUJETOS CON CÁNCER GÁSTRICO Y DE LA UNIÓN GASTROESOFÁGICA AVANZADO NO TRATADO PREVIAMENTE CON SOBREENPRESIÓN DE FGFR2B (FORTITUDE-102). PI: SASTRE VALERA, JAVIER.

ECL.2018/105. Estudio de Fase 1b-2 para evaluar la seguridad, eficacia, farmacocinética y farmacodinamia de erdafitinib más JNJ-63723283, un anticuerpo monoclonal anti-PD-1, en sujetos con cáncer urotelial metastásico o no resecable con determinadas alteraciones del gen del FGFR. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/654. Estudio de fase 2 de MRTX849 en combinación con pembrolizumab en pacientes con cáncer de pulmón no microcítico avanzado con mutación KRAS G12C / A Phase 2 Trial of MRTX849 in Combination with Pembrolizumab in Patients with Advanced Non-Small Cell Lung Cancer with KRAS G12C Mutation. PI: AGUADO DE LA ROSA, CARLOS.

ECL.21/628. Estudio de fase 2 no aleatorizado, abierto, de múltiples cohortes, multicéntrico, para evaluar el beneficio clínico de SAR444245 (THOR-707) combinado con otras terapias anticancerígenas para el tratamiento de participantes con carcinoma de células escamosas de cabeza y cuello (CCECC) (Pegasus Head and Neck 204. PI: CABEZAS CAMARERO, SANTIAGO.

ECL.21/182. ESTUDIO DE FASE 2, ABIERTO, ALEATORIZADO, PARA EVALUAR SAR408701 COMBINADO CON PEMBROLIZUMAB Y PARA EVALUAR PEMBROLIZUMAB SOLO EN PACIENTES CON CARCINOMA PULMONAR NO MICROCÍTICO NO ESCAMOSO (CPNM NE) AVANZADO/METASTÁSICO CEACAM5 Y PD-L1 POSITIVO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/181. ESTUDIO DE FASE 2, MULTICÉNTRICO Y DE VARIOS GRUPOS PARA EVALUAR PEMBROLIZUMAB (MK-3475) O MK-1308A (COFORMULACIÓN DE QAVONLIMAB (MK-1308)/ PEMBROLIZUMAB) EN PARTICIPANTES CON CÁNCER COLORRECTAL EN ESTADIO IV CON INESTABILIDAD DE MICROSATÉLITES ALTA (MSI-H) O CON DEFECTOS EN LA REPARACIÓN DE LOS ERRORES DE EMPAREJAMIENTO (MMR): (MK-1308A-008). PI: SASTRE VALERA, JAVIER."

ECL.21/293. ESTUDIO DE FASE 3 ALEATORIZADO DE MRTX849 EN COMBINACIÓN CON CETUXIMAB FRENTE A QUIMIOTERAPIA EN PACIENTES CON CÁNCER COLORRECTAL AVANZADO CON MUTACIÓN DE KRAS G12C CON PROGRESIÓN DE LA ENFERMEDAD DURANTE O DESPUÉS DEL TRATAMIENTO DE PRIMERA LÍNEA ESTÁNDAR. PI: SASTRE VALERA, JAVIER."

ECL.21/516. ESTUDIO DE FASE 3 DE MK-4280A (FAVEZELIMAB [MK-4280] EN COFORMULACIÓN CON PEMBROLIZUMAB [MK-3475]) EN COMPARACIÓN CON EL TRATAMIENTO DE REFERENCIA EN PARTICIPANTES CON CÁNCER COLORRECTAL METASTÁSICO POSITIVO PARA PD-L1 TRATADOS PREVIAMENTE (KEYFORM-007). PI: SASTRE VALERA, JAVIER.

ECL.20/612. ESTUDIO DE FASE 3, ABIERTO Y ALEATORIZADO DE MK-6482 EN COMBINACIÓN CON LENVATINIB (MK-7902) FRENTE A CABOZANTINIB EN PARTICIPANTES CON CARCINOMA RENAL AVANZADO QUE HAN MOSTRADO PROGRESIÓN DESPUÉS DEL TRATAMIENTO PREVIO CON ANTI-PD-1/L1. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.20/645. ESTUDIO DE FASE 3, ABIERTO Y ALEATORIZADO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PEMBROLIZUMAB (MK-3475) EN COMBINACIÓN CON BELZUTIFÁN (MK-6482) Y LENVATINIB (MK-7902), O MK-1308A EN COMBINACIÓN CON LENVATINIB, EN COMPARACIÓN CON PEMBROLIZUMAB Y LENVATINIB, COMO TRATAMIENTO DE PRIMERA LÍNEA EN PARTICIPANTES CON CARCINOMA RENAL DE CÉLULAS CLARAS (CRCC) AVANZADO. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.2018/022. Estudio de fase 3, abierto y aleatorizado, para evaluar enfortumab vedotina en comparación con quimioterapia, en sujetos con cáncer urotelial localmente avanzado o metastásico ya tratado previamente (EV-301). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/753. ESTUDIO DE FASE 3, ALEATORIZADO Y ABIERTO PARA EVALUAR EL USO PERIOPERATORIO DE ENFORTUMAB VEDOTINA MÁS PEMBROLIZUMAB (MK-3475) FRENTE A GEMCITABINA Y CISPLATINO NEOADYUVANTES EN PARTICIPANTES ELEGIBLES A CISPLATINO CON CÁNCER DE VEJIGA MÚSCULO INVASIVO (KEYNOTE-B15 / EV-304). PI: PUENTE VÁZQUEZ, JAVIER."

ECL.21/755. ESTUDIO DE FASE 3, ALEATORIZADO Y DOBLE CIEGO DE LA COFORMULACIÓN DE PEMBROLIZUMAB/VIBOSTOLIMAB (MK-7684A) EN COMBINACIÓN CON QUIMIOTERAPIA, EN COMPARACIÓN CON PEMBROLIZUMAB MÁS QUIMIOTERAPIA, EN PARTICIPANTES CON CÁNCER DE PULMÓN NO MICROCÍTICO METASTÁSICO (MK-7684A-007/KEYVIBE-007). PI: AGUADO DE LA ROSA, CARLOS."

ECL.2019/016. Estudio de fase 3, aleatorizado y doble ciego de pembrolizumab (MK-3475) más docetaxel más prednisona frente a un placebo más docetaxel más prednisona en participantes con cáncer de próstata resistente a la castración metastásico (CPRCm) sin tratamiento previo con quimioterapia que han mostrado progresión con un fármaco hormonal de última generación (FHUG) (KEYNOTE-921). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/761. ESTUDIO DE FASE 3, ALEATORIZADO Y DOBLE CIEGO DE PEMBROLIZUMAB FRENTE A UN PLACEBO EN COMBINACIÓN CON QUIMIOTERAPIA ADYUVANTE CON O SIN RADIOTERAPIA PARA EL TRATAMIENTO DEL CÁNCER DE ENDOMETRIO DE ALTO RIESGO RECIÉN DIAGNOSTICADO DESPUÉS DE UNA INTERVENCIÓN QUIRÚRGICA CON INTENCIÓN CURATIVA (KEYNOTE-B21 / ENGOT-EN11 / GOG-3053). PI: CASADO HERRÁEZ, ANTONIO."

ECL.2019/060. Estudio de fase 3, aleatorizado y doble ciego para evaluar pembrolizumab (MK-3475) perioperatorio + quimioterapia neoadyuvante frente a un placebo perioperatorio + quimioterapia neoadyuvante en participantes con cáncer de vejiga con invasión muscular que son aptos para recibir cisplatino (KEYNOTE-866). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/721. ESTUDIO DE FASE 3, ALEATORIZADO, ABIERTO, CONTROLADO, DE CABOZANTINIB (XL184) EN COMBINACIÓN CON ATEZOLIZUMAB FRENTE A UNA SEGUNDA TERAPIA HORMONAL NOVEDOSA (THN) EN PACIENTES CON CÁNCER DE PRÓSTATA METASTÁSICO Y RESISTENTE A LA CASTRACIÓN. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/409. ESTUDIO DE FASE 3, ALEATORIZADO, CONTROLADO CON PLACEBO, DOBLE CIEGO, DE VIMSELTINIB PARA EVALUAR LA EFICACIA Y SEGURIDAD EN PACIENTES CON TUMOR TENOSINOVAL DE CÉLULAS GIGANTES (MOTION). PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/051. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALÚA ABEMACICLIB CON LA HORMONOTERAPIA ADYUVANTE DE REFERENCIA EN PARTICIPANTES CON CÁNCER DE MAMA HR+, HER-2+, DE RIESGO ALTO Y CON AFECTACIÓN GANGLIONAR, QUE HAYAN COMPLETADO UN TRATAMIENTO ADYUVANTE DIRIGIDO AL HER2. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL."

ECL.14/215. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALÚA FULVESTRANT EN COMBINACIÓN CON LY2835219, UN INHIBIDOR DE LAS CDK4/6, EN MUJERES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO RECEPTOR HORMONAL POSITIVO, HER2 NEGATIVO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/468. ESTUDIO DE FASE IB/II, PRIMERO EN SERES HUMANOS, DE AUMENTO ESCALONADO Y AMPLIACIÓN DE LA DOSIS DE XMT-1536 EN PACIENTES CON TUMORES SÓLIDOS CON PROBABILIDAD DE EXPRESAR NAPI2B. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.17/089. ESTUDIO DE FASE II CON EL ANTICUERPO ANTI-PD-L1 ATEZOLIZUMAB, BEVACIZUMAB Y ÁCIDO ACETILSALICÍLICO PARA INVESTIGAR LA SEGURIDAD Y LA EFICACIA DE ESTA COMBINACIÓN EN EL ADENOCARCINOMA DE OVARIO, DE TROMPA DE FALOPIO O PERITONEAL PRIMARIO, RECURRENTE Y RESISTENTE AL PLATINO. PI: CASADO HERRÁEZ, ANTONIO.

ECL.2018/002. Estudio de fase II multicéntrico, controlado con activo, aleatorizado para comparar la eficacia y seguridad de la terapia dirigida a inmunoterapia para el cáncer guiada por el perfil genómico frente a la quimioterapia basada en platino en pacientes con cáncer de origen primario desconocido que han recibido tres ciclos de quimioterapia con doblete de platino. PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/777. ESTUDIO DE FASE II, ABIERTO, MULTICÉNTRICO Y ALEATORIZADO, DEL TRATAMIENTO NEOADYUVANTE Y ADYUVANTE DE PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO RESECCABLE, EN ESTADIO INICIAL (II A IIB) (NEOCOAST-2). PI: AGUADO DE LA ROSA, CARLOS."

ECL.20/748. ESTUDIO DE FASE II, ALEATORIZADO, ABIERTO, DE 2 BRAZOS DE TRATAMIENTO DE ABEMACICLIB EN COMBINACIÓN CON TERAPIA ENDOCRINA (LETROZOL O FULVESTRANT) CON O SIN UN CICLO CORTO DE QUIMIOTERAPIA DE INDUCCIÓN CON PACLITAXEL COMO TRATAMIENTO DE PRIMERA LÍNEA EN PACIENTES CON CÁNCER DE MAMA HR POSITIVO/HER2 NEGATIVO LOCALMENTE AVANZADO E IRRESECCABLE O METASTÁSICO CON CRITERIOS DE ENFERMEDAD AGRESIVA (ABIGAIL). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/184. Estudio de fase II, aleatorizado, abierto, internacional y multicéntrico, para comparar la eficacia de la quimioterapia estándar frente a letrozol más abemaciclib como terapia neoadyuvante en pacientes con cáncer de mama con RH-positivo/HER2-negativo de r. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/130. Estudio de fase II, internacional, multicéntrico, randomizado y abierto para evaluar la eficacia y la seguridad de la continuación de palbociclib en combinación con terapia endocrina de segunda línea en pacientes con cáncer de mama avanzado con receptores hormonales positivos y HER2 negativo tras beneficio clínico durante el tratamiento de primera línea basado en palbociclib. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2017/101. Estudio de fase II, multicéntrico, aleatorizado y abierto para evaluar la seguridad y la eficacia de avelumab con gemcitabina / carboplatino frente a quimioterapia con gemcitabina/carboplatino sola, en pacientes con carcinoma urotelial no resecable o metastásico que no hayan recibido terapia sistémica previa y que no sean aptos para la quimioterapia con cisplatino. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.14/452. ESTUDIO DE FASE III ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE INHIBIDORES DE AROMATASA NO ESTEROIDEOS (ANASTROZOL O LETROZOL) EN COMBINACIÓN CON LY2835219 - UN INHIBIDOR DE CDK4/6-, O CON PLACEBO, EN MUJERES POSMENOPAUSICAS CON CÁNCER DE MAMA LOCALMENTE RECURRENTE O METASTÁSICO, CON RECEPTORES HORMONALES POSITIVOS Y HER2 NEGATIVO, NO TRATADAS PREVIAMENTE CON NINGUNA TERAPIA SISTÉMICA PARA ESTA ENFERMEDAD. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.22/379. ESTUDIO DE FASE III ALEATORIZADO, MULTICÉNTRICO Y ABIERTO DE LURBINECTEDINA COMO AGENTE ÚNICO O LURBINECTEDINA EN COMBINACIÓN CON IRINOTECÁN FRENTE A LA ELECCIÓN DEL INVESTIGADOR (TOPOTECÁN O IRINOTECÁN) EN PACIENTES CON CÁNCER DE PULMÓN DE CÉLULAS PEQUEÑAS EN RECAÍDA (CPCP) (ENSAYO LAGOON). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.15/527. Estudio de fase III de pembrolizumab (MK-3475) frente a quimioterapia en el carcinoma colorrectal en estadio IV con inestabilidad de microsatélites alta (MSI-H) o con defectos en la reparación de los errores de emparejamiento (dMMR) (KEYNOTE-177). PI: SASTRE VALERA, JAVIER.

ECL.20/194. Estudio de fase III internacional, aleatorizado, abierto y con tres grupos paralelos de PF-06801591, un anticuerpo anti-PD-1, en combinación con bacilo de Calmette-Guérin (inducción de BCG con o sin mantenimiento de BCG) frente a BCG (inducción y mantenimiento) en participantes con cáncer de vejiga no muscular invasivo y de alto riesgo sin tratamiento previo con BCG o PF-06801591 en monoterapia en participantes con CVSIM que no responde a BCG. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.17/158. ESTUDIO DE FASE III MULTICÉNTRICO, ABIERTO, RANDOMIZADO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE ATEZOLIZUMAB COMPARADO CON QUIMIOTERAPIA EN PACIENTES CON CÁNCER NO MICROCÍTICO DE PULMÓN AVANZADO O RECURRENTE (ESTADIO IIIB NO TRATABLE CON MÚLTIPLES MODALIDADES TERAPÉUTICAS) O METASTÁSICO (ESTADIO IV), NO TRATADOS PREVIAMENTE Y QUE NO SE CONSIDERAN APTOS PARA RECIBIR QUIMIOTERAPIA QUE CONTIENE PLATINO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/739. ESTUDIO DE FASE III MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE GDC-9545 EN COMBINACIÓN CON PALBOCICLIB, COMPARADO CON LETROZOL EN COMBINACIÓN CON PALBOCICLIB, EN PACIENTES CON CÁNCER DE MAMA POSITIVO PARA RECEPTORES DE ESTRÓGENOS Y HER2 NEGATIVO LOCALMENTE AVANZADO O METASTÁSICO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/026. ESTUDIO DE FASE III, ABIERTO Y ALEATORIZADO DE ATEZOLIZUMAB CON LENVATINIB O SORAFENIB EN COMPARACIÓN CON LENVATINIB O SORAFENIB EN MONOTERAPIA EN CARCINOMA HEPATOCELULAR TRATADO PREVIAMENTE CON ATEZOLIZUMAB Y BEVACIZUMAB. PI: SASTRE VALERA, JAVIER.

ECL.21/677. ESTUDIO DE FASE III, ABIERTO, ALEATORIZADO, GLOBAL Y MULTICÉNTRICO DE SACITUZUMAB GOVITECÁN FRENTE A DOCETAXEL EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) AVANZADO O METASTÁSICO CON PROGRESIÓN DURANTE O DESPUÉS DE LA QUIMIOTERAPIA A BASE DE PLATINO E INMUNOTERAPIA ANTI-PD-1/PD-L1. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.2016/068. Estudio de fase III, aleatorizado y doble ciego de pembrolizumab (MK-3475) más quimioterapia frente a un placebo más quimioterapia para el cáncer de mama triple negativo localmente recurrente e inoperable o metastásico, no tratado previamente - (KEYNOTE-355). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/001. ESTUDIO DE FASE III, ALEATORIZADO, EN DOBLE CIEGO Y CONTROLADO CON PLACEBO, DE PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS OSIMERTINIB FRENTE A PLATINO Y PEMETREXED COMO QUIMIOTERAPIA MÁS PLACEBO EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO CON MUTACIÓN DEL EGFR, LOCALMENTE AVANZADO O METASTÁSICO, QUE HA PROGRESADO EXTRACRANEALMENTE TRAS EL TRATAMIENTO DE PRIMERA LÍNEA CON OSIMERTINIB (COMPEL). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.18/310. ESTUDIO DE FASE III, ALEATORIZADO, SECUENCIAL Y ABIERTO, PARA EVALUAR LA EFICACIA DE FOLFOX + PANITUMUMAB SEGUIDO POR FOLFIRI + BEVACIZUMAB (SECUENCIA 1) FRENTE A FOLFOX + BEVACIZUMAB SEGUIDO POR FOLFIRI + PANITUMUMAB (SECUENCIA 2) EN PACIENTES CON CÁNCER COLORRECTAL METASTÁSICO NO RESECABLE, RAS NATIVO, TUMOR PRIMARIO EN LADO IZQUIERDO, NO TRATADO PREVIAMENTE: CR-SEQUENCE. PI: SASTRE VALERA, JAVIER.

ECL.22/110. ESTUDIO DE FASE III, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CAPIVASERTIB + DOCETAXEL FRENTE A PLACEBO + DOCETAXEL COMO TRATAMIENTO PARA PACIENTES CON CÁNCER DE PRÓSTATA RESISTENTE A LA CASTRACIÓN METASTÁSICO (CPRCM). PI: PUENTE VÁZQUEZ, JAVIER."

ECL.20/754. ESTUDIO DE FASE III, DOBLE CIEGO, MULTICÉNTRICO Y ALEATORIZADO DE ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) EN COMPARACIÓN CON UN PLACEBO COMO TRATAMIENTO ADYUVANTE EN PACIENTES CON CÁNCER DE VÉJIGA CON INVASIÓN MUSCULAR DE ALTO RIESGO QUE TIENEN NIVELES DE CTDNA POSITIVOS TRAS UNA CISTECTOMÍA. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/055. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO Y ABIERTO EN EL QUE SE COMPARA 177LU-PSMA-617 FRENTE A UN CAMBIO DE TERAPIA DIRIGIDA AL RECEPTOR DE ANDRÓGENOS EN EL TRATAMIENTO DE HOMBRES CON CÁNCER DE PRÓSTATA METASTÁSICO PROGRESIVO RESISTENTE A LA CASTRACIÓN QUE NO HAYAN RECIBIDO TAXANOS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/147. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO Y ABIERTO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE GIREDESTRANT ADYUVANTE EN COMPARACIÓN CON LA MONOTERAPIA ENDOCRINA ADYUVANTE ELEGIDA POR EL MÉDICO EN PACIENTES CON CÁNCER DE MAMA INCIPIENTE CON RECEPTORES ESTROGÉNICOS POSITIVOS Y HER2 NEGATIVO. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/054. ESTUDIO DE FASE III, PROSPECTIVO, ALEATORIZADO, ABIERTO E INTERNACIONAL EN EL QUE SE COMPARA 177LU-PSMA-617 EN COMBINACIÓN CON EL TRATAMIENTO DE REFERENCIA CON EL TRATAMIENTO DE REFERENCIA EN MONOTERAPIA EN PACIENTES VARONES ADULTOS CON CÁNCER DE PRÓSTATA METASTÁSICO SENSIBLE A HORMONAS. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.14/394. ESTUDIO DE FASE IIIb, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE CONTINUAR EL TRATAMIENTO CON ENZALUMATIDA EN PACIENTES CON CÁNCER DE PRÓSTATA RESISTENTE A LA CASTRACIÓN METASTÁSICO, QUE NO HAN RECIBIDO QUIMIOTERAPIA PREVIA, QUE HAN EXPERIMENTADO PROGRESIÓN AL TRATAMIENTO CON ENZALUMATIDA SOLA, TRATADOS CON DOCETAXEL MAS PREDNISOLONA. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/141. Estudio de fase 3, aleatorizado y controlado con placebo para evaluar la seguridad y la eficacia de pemetrexed + quimioterapia a base de platino + pembrolizumab (MK-3475) con o sin lenvatinib (E7080/MK-7902) como intervención de primera línea en participantes con cáncer de pulmón no microcítico, no epidermoide, metastásico (LEAP-006). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/619. ESTUDIO DE IDENTIFICACIÓN DE BIOMARCADORES EN MUESTRAS SECUENCIALES DE PACIENTES CON CÁNCER RENAL. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/644. Estudio de los cambios en el microambiente inmune de cáncer de ovario avanzado en pacientes sometidas a quimioterapia neoadyuvante con o sin bevacizumab. PI: CASADO HERRÁEZ, ANTONIO.

ECL.16/087. Estudio de marcadores pronósticos y predictores en ADN tumoral circulante en pacientes con cáncer de mama avanzado RE positivo hormono-sensible. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.20/358. ESTUDIO EN FASE IB ABIERTO PARA EVALUAR LA SEGURIDAD, TOLERABILIDAD, FARMACOCINÉTICA, INMUNOGENICIDAD Y ACTIVIDAD ANTITUMORAL DE MEDI5752 EN COMBINACIÓN CON AXITINIB EN PACIENTES CON CARCINOMA DE CÉLULAS RENALES AVANZADO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/576. ESTUDIO EN FASE II ABIERTO, DE UN SOLO GRUPO Y MULTICÉNTRICO PARA EVALUAR EL EFECTO ANTITUMORAL Y LA SEGURIDAD DE TALETRECTINIB EN PACIENTES CON CPNM ROS1 POSITIVO AVANZADO O METASTÁSICO Y OTROS TUMORES SÓLIDOS. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS."

ECL.20/603. Estudio en fase II, multicéntrico, sin enmascaramiento, aleatorizado y controlado para comparar la eficacia del R07198457 con la estrategia de actitud expectante en pacientes con cáncer colorrectal resecado en estadio II (riesgo elevado) y estadio III que presenten positividad de ADN tumoral circulante (ADNct) tras la resección tumoral. PI: SASTRE VALERA, JAVIER.

ECL.21/053. ESTUDIO EN FASE III ALEATORIZADO DE MRTX849 EN COMPARACIÓN CON DOCETAXEL EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO Y MUTACIÓN G12C DE KRAS PREVIAMENTE TRATADO. PI: AGUADO DE LA ROSA, CARLOS."

ECL.21/234. ESTUDIO EN FASE III ALEATORIZADO, ABIERTO Y MULTICÉNTRICO PARA DETERMINAR LA EFICACIA Y LA SEGURIDAD DE DURVALUMAB EN COMBINACIÓN CON TREMELIMUMAB Y ENFORTUMAB VEDOTINA O DURVALUMAB EN COMBINACIÓN CON ENFORTUMAB VEDOTINA PARA EL TRATAMIENTO PERIOPERATORIO EN PACIENTES NO APTOS PARA CISPLATINO QUE SE SOMETEN A CISTECTOMÍA RADICAL PARA CÁNCER DE VÉJIGA MÚSCULO-INVASIVO (VOLGA). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/394. ESTUDIO EN FASE III MULTICÉNTRICO, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO DE FUZULOPARIB COMBINADO CON ACETATO DE ABIRATERONA Y PREDNISONA (AA-P) FRENTE A PLACEBO COMBINADO CON AA-P COMO TRATAMIENTO DE PRIMERA LÍNEA EN PACIENTES CON CÁNCER DE PRÓSTATA RESISTENTE A LA CASTRACIÓN METASTÁSICO (CPRCM). PI: PUENTE VÁZQUEZ, JAVIER."

ECL.15/392. ESTUDIO EN FASE III, ABIERTO Y ALEATORIZADO PARA INVESTIGAR LA EFICACIA Y SEGURIDAD DE ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) EN COMPARACIÓN CON EL TRATAMIENTO DE SOPORTE OPTIMO DESPUES DE QUIMIOTERAPIA ADYUVANTE BASADA EN CISPLATINO EN PACIENTES SELECCIONADOS POR PD-L1 CON CANCER DE PULMON NO MICROCITICO EN ESTADIO IB-IIIa TOTALMENTE RESECADO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/073. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO DE DEBIO 1143 EN COMBINACIÓN CON QUIMIOTERAPIA CON UN DERIVADO DEL PLATINO Y RADIOTERAPIA DE INTENSIDAD MODULADA CON FRACCIONAMIENTO CONVENCIONAL EN PACIENTES CON CARCINOMA ESCAMOSO DE CABEZA Y CUELLO LOCALMENTE AVANZADO APTO PARA QUIMIORRADIOTERAPIA DEFINITIVA (TRILYNX). PI: CABEZAS CAMARERO, SANTIAGO.

ECL.2019/123. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE GDC-0077 MÁS PALBOCICLIB Y FULVESTRANT EN COMPARACIÓN CON PLACEBO MÁS PALBOCICLIB Y FULVESTRANT EN PACIENTES CON CÁNCER DE MAMA LOCALMENTE AVANZADO O METASTÁSICO HER2-NEGATIVO CON RECEPTORES HORMONALES POSITIVOS Y MUTACIÓN DE PIK3CA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2018/137. Estudio en fase III, intervencionista, aleatorizado, multicéntrico y abierto de DCC-2618 frente a sunitinib en pacientes con tumores del estroma gastrointestinal avanzados tras el tratamiento con imatinib. PI: CASADO HERRÁEZ, ANTONIO.

ECL.19/072. ESTUDIO EN FASE III, MULTICÉNTRICO, ALEATORIZADO, ABIERTO Y CONTROLADO CON PRINCIPIO ACTIVO DE TRASTUZUMAB DERUXTECAN (DS-8201A), UN CONJUGADO DE FÁRMACO Y ANTICUERPO (CAF) ANTI-HER2, EN COMPARACIÓN CON EL TRATAMIENTO ELEGIDO POR EL MÉDICO EN SUJETOS CON CÁNCER DE MAMA IRRESECCABLE O METASTÁSICO (O AMBOS) CON EXPRESIÓN BAJA DE HER-2. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.2017/012. Estudio en fase III, multicéntrico, randomizado, doble ciego, controlado con placebo para investigar Ipatasertib en combinación con Abiraterona más Prednisona/Prednisolona, comparado con placebo en combinación con Abiraterona más Prednisona/Prednisolona, en pacientes adultos con cáncer de próstata resistente a castración metastásico, asintomáticos o levemente sintomáticos que no han sido tratados previamente. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/563. Estudio epidemiológico observacional multicéntrico descriptivo sobre tumores digestivos (RETUD). PI: SASTRE VALERA, JAVIER.

ECL.18/204. Estudio español no intervencional, multicéntrico y retrospectivo para analizar la eficacia y seguridad de trabectedina en el tratamiento de pacientes con leiomiomas uterino avanzado recidivante según ficha técnica. PI: MARQUINA OSPINA, GLORIA.

ECL.21/502. ESTUDIO FASE 1B/2, ABIERTO, ALEATORIZADO, NO COMPARATIVO DE NADUNOLIMAB EN COMBINACIÓN CON GEMCITABINA Y CARBOPLATINO EN PACIENTES CON CÁNCER DE MAMA AVANZADO TRIPLE NEGATIVO. "ESTUDIO TRIFOUR". PI: MORENO ANTÓN, FERNANDO.

ECL.21/635. ESTUDIO FASE 3 ABIERTO DE NEOADYUVANCIA CON TRASTUZUMAB DERUXTECAN (T-DXD) EN MONOTERAPIA O T-DXD SEGUIDO THE THP COMPARADO CON DDAC-THP EN PACIENTES CON CÁNCER DE MAMA EN ESTADIO TEMPRANO HER2-POSITIVO DE ALTO RIESGO (DESTINY-BREAST 11). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.15/396. Estudio fase 3 aleatorizado, doble-ciego y controlado con placebo de JNJ-56021927 más terapia de privación de andrógenos (TPA) frente a TPA en sujetos con cáncer de próstata metastásico hormonosensible (CPmHS) de baja carga tumoral. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.2018/157. Estudio fase 3, aleatorizado, controlado frente a placebo, doble ciego de Niraparib en combinación con Acetato de Abiraterona y Prednisona versus Acetato de Abiraterona y prednisona para el tratamiento de sujetos con cáncer de próstata metastásico. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/141. Estudio de fase 3, aleatorizado y controlado con placebo para evaluar la seguridad y la eficacia de pemetrexed + quimioterapia a base de platino + pembrolizumab (MK-3475) con o sin lenvatinib (E7080/MK-7902) como intervención de primera línea en participantes con cáncer de pulmón no microcítico, no epidermoide, metastásico (LEAP-006). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.22/231. ESTUDIO FASE III, RANDOMIZADO, ABIERTO CON SAVOLITINIB EN COMBINACIÓN CON OSIMERTINIB VERSUS QUIMIOTERAPIA BASADA EN DOBLETE DE PLATINO EN PARTICIPANTES CON CÁNCER DE PULMÓN NO MICROCÍTICO LOCALMENTE AVANZADO O METASTÁSICO CON MUTACIÓN EGFR Y MET POSITIVO Y QUE LA ENFERMEDAD HA PROGRESADO TRAS HABER RECIBIDO TRATAMIENTO CON OSIMERTINIB (SAFFRON). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/765. ESTUDIO FASE IIIB, MULTICÉNTRICO, DE UN SOLO BRAZO DE ATEZOLIZUMAB EN COMBINACIÓN CON BEVACIZUMAB PARA INVESTIGAR LA SEGURIDAD Y LA EFICACIA EN PACIENTES ESPAÑOLES DIAGNOSTICADOS DE CARCINOMA HEPATOCELULAR IRRESECCABLE O NO SUSCEPTIBLE DE TRATAMIENTOS LOCORREGIONALES NO TRATADO PREVIAMENTE CON TERAPIA SISTÉMICA. PI: SASTRE VALERA, JAVIER."

ECL.2019/128. Estudio multicéntrico, abierto, fase II, para evaluar la eficacia y seguridad de Niraparib más un inhibidor de la aromatasas, en pacientes con cáncer de mama metastásico con receptor hormonal positivo (HR) Positivo/ Receptor 2 del factor de crecimiento epidérmico negativo (HER2) Negativo con BRCA germinal mutado o BRCA silvestre mutado y Deficiencia en la recombinación homóloga (HRD). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.11/292. ESTUDIO MULTICÉNTRICO, DOBLE CIEGO, RANDOMIZADO, CONTROLADO CON PLACEBO PARA COMPARAR QUIMIOTERAPIA MAS TRASTUZUMAB Y PLACEBO CON QUIMIOTERAPIA MAS TRASTUZUMAB Y PERTUZUMAB, COMO TRATAMIENTO ADYUVANTE EN PACIENTES CON CÁNCER DE MAMA PRIMARIO HER-2-POSITIVO OPERABLE.(GEICAM/2010-11 APHINITY). PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.15/478. Estudio observacional para Identificar pacientes con CPNM avanzado/metastásico y translocación de ALK y ROS1 y conocer su manejo terapéutico (IDEALK&ROS). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.17/116. ESTUDIO PARA EVALUAR LOS DESENLACES DEL EMBARAZO Y LA SEGURIDAD DE LA INTERRUPTIÓN DEL TRATAMIENTO ENDOCRINO DE MUJERES JÓVENES CON CÁNCER DE MAMA Y RESPUESTA AL TRATAMIENTO ENDOCRINO QUE DESEEN QUEDARSE EMBARAZADAS. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.17/207. Estudio piloto fase II randomizado multicéntrico para evaluar la eficacia y seguridad del tratamiento con FOLFIRI-aflibercept comparado con un tratamiento inicial con FOLFIRI-aflibercept (durante 6 ciclos) seguido de mantenimiento con 5FU-aflibercept en pacientes ancianos con cáncer colorrectal metastásico (mCRC) después de fracaso de un régimen con oxaliplatino. PI: SASTRE VALERA, JAVIER.

ECL.20/442. Estudio posautorización de seguridad para evaluar los riesgos del síndrome mielodisplásico/la leucemia mieloide aguda y las segundas neoplasias malignas primarias en pacientes adultos con cáncer epitelial de ovario, de las trompas de Falopio o peritoneal de tipo primario, sensible al platino, recidivante y seroso de alto grado que reciben tratamiento de mantenimiento con Zejula® (niraparib). PI: MARQUINA OSPINA, GLORIA.

ECL.17/098. ESTUDIO PROSPECTIVO DE LA UTILIDAD DE LA BIOPSIA LÍQUIDA COMO FACTOR PREDICTOR Y PRONÓSTICO EN PACIENTES CON CARCINOMA UTERINO METASTÁSICO EN PROGRESIÓN TRAS QUIMIOTERAPIA BASADA EN PLATINO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.20/156. Evaluación de potenciales factores pronósticos/predictivos y esquemas de tratamiento en cáncer de colon metastásico (CCRM) tratado con combinaciones de terapia sistémica en segunda línea en la práctica clínica habitual. PROMETEO 2. PI: GARCÍA PAREDES, BEATRIZ.

ECL.21/559. EVALUACIÓN DEL IMPACTO DE LA MEDICIÓN SISTEMÁTICA DE RESULTADOS EN SALUD REPORTADOS POR PACIENTES (PROS) EN LA PRÁCTICA ASISTENCIAL HABITUAL: CASO DE USO EN COHORTES DE CÁNCER DE MAMA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.22/038. EVALUACIÓN FASE 1/2A/3 DE LA SEGURIDAD Y EFICACIA DE ANADIR AL3828 (ANLOTINIB, INN: CATEQUENTINIB), UN INHIBIDOR DEL RECEPTOR DUAL TIROSINA QUINASA, A LA QUIMIOTERAPIA ESTÁNDAR BASADA EN PLATINO EN SUJETOS CON CARCINOMA ENDOMETRIAL, OVÁRICO, DE TROMPAS DE FALOPIO, PERITONEAL PRIMARIO O CERVICAL RECURRENTE O METASTÁSICO. PI: CASADO HERRÁEZ, ANTONIO.

ECL.22/104. INVESTIGACIÓN Y DESARROLLO DE NUEVAS ESTRATEGIAS PARA LA DETECCIÓN PRECOZ Y LA PREVENCIÓN DEL CÁNCER GÁSTRICO EN LA POBLACIÓN ESPAÑOLA: PROYECTO EPIGASTRIC/EDGAR. PI: GARCÍA PAREDES, BEATRIZ.

ECL.2019/127. LIBRETTO-431: ENSAYO DE FASE 3, ABIERTO, ALEATORIZADO Y MULTICÉNTRICO QUE COMPARA LOXO-292 CON UNA TERAPIA BASADA EN PLATINO Y PEMETREXED, CON O SIN PEMBROLIZUMAB, COMO TRATAMIENTO INICIAL DEL CÁNCER DE PULMÓN NO MICROCÍTICO AVANZADO O METASTÁSICO, POSITIVO PARA FUSIÓN DE RET. PI: AGUADO DE LA ROSA, CARLOS.

ECL.2016/058. MEDI4736 combinations in metastatic renal cell carcinoma (CALYPSO). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/704. Mejora del manejo clínico del carcinoma renal avanzado mediante tecnologías genómicas (RCC-MARKER). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/470. MULTICENTRIC, OBSERVATIONAL STUDY TO EVALUATE REAL WORLD DATA OF AVELUMAB IN FIRST LINE MAINTENANCE THERAPY FOR ADVANCED OR METASTATIC UROTHELIAL CARCINOMA, A SOGUG STUDY. PI: PUENTE VÁZQUEZ, JAVIER.

CONV22/106. NDA Multicenter, open-label, phase 2 study of carboplatin plus mirvetuximab soravtansine followed by mirvetuximab soravtansine continuation in folate receptor-alpha positive, recurrent platinum-sensitive, high-grade epithelial ovarian primary peritoneal, or fallopian tube cancers following 1 prior line of platinum-based chemotherapy. Protocol number IMGN853-0420. PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/488. OBSERVATIONAL STUDY TO DESCRIBE GENOTYPIC CHARACTERISTICS AND RESISTANT MUTATIONS IN NSCLC ALK+. PI: AGUADO DE LA ROSA, CARLOS."

ECL.20/188. Open-label, single -arm trial to evaluate antitumor activity, safety, and pharmacokinetics of SAR408701 used in combination with ramucirumab in metastatic, Nonsquamous, Non β small-cell lung cancer (NSQ NSCLC) patients with CEACAM5-positive tumors, previous. PI: AGUADO DE LA ROSA, CARLOS.

ECL.2018/147. Phase II, multicenter clinical trial to evaluate the activity of encorafenib and binimetinib administered before local treatment in patients with BRAF mutant melanoma metastatic to the brain. PI: AGUADO DE LA ROSA, CARLOS.

ECL.20/570. Phase II, multicenter, Non-randomized, single-arm, open-label trial of atezolizumab in combination of split-doses of gemcitabine plus cisplatin in patients with locally advanced or metastatic urothelial carcinoma. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/427. PRIMER ENSAYO EN HUMANOS, ABIERTO, DE AUMENTO ESCALONADO DE LA DOSIS CON COHORTES DE AMPLIACIÓN PARA EVALUAR LA SEGURIDAD Y LA ACTIVIDAD ANTINEOPLÁSICA DE GEN1042 EN SUJETOS CON TUMORES SÓLIDOS MALIGNOS. PI: MANZANO FERNÁNDEZ, ARÁNZAZU."

ECL.2019/069. Estudio fase II aleatorizado para evaluar la terapia trimodal con o sin adyuvancia con durvalumab (MEDI4736) en pacientes con cáncer de vejiga músculo-invasivo. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.2018/075. PROSTATEGY: A multi-arm, multi-stage, randomized phase II/III trial of immunotherapy strategies in metastatic hormone-sensitive prostate cancer. Pilot phase. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/489. PROTOCOLO DE ESTUDIO OBSERVACIONAL CA209-6LY TRATAMIENTO Y RESULTADOS CLÍNICOS EN EL MUNDO REAL EN PACIENTES CON CÁNCER DE PULMÓN EN ESTADIO I-III EN ESPAÑA: ESTUDIO OBSERVACIONAL, RETROSPECTIVO Y MULTICÉNTRICO (ESTUDIO REALUNG). PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS."

ACH.C03PHA. Publication regarding Clinical and translational study in platinum resistant patients with recurrent ovarian cancer. PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/206. RADIOTERAPIA A DOSIS BAJAS EN COVID-19: IMPACTO EN LA MORTALIDAD LowRad2-Cov19. PI: VÁZQUEZ MASEDO, MANUEL GONZALO.

ECL.20/316. RADIOTERAPIA A DOSIS BAJAS EN EL MANEJO DE LA NEUMONÍA POR COVID-19. PI: VÁZQUEZ MASEDO, MANUEL GONZALO.

ECL.20/559. REAL-WORLD SURVIVAL OUTCOMES AND SAFETY OF ATEZOLIZUMAB IN LOCALLY ADVANCED OR METASTATIC Non-SMALL-CELL LUNG CANCER IN A SPANISH COHORT - TRACKER STUDY. RESULTADOS DE SUPERVIVENCIA Y SEGURIDAD DE ATEZOLIZUMAB EN VIDA REAL DE UNA COHORTE ESPAÑOLA EN CÁNCER DE PULMÓN NO MICROCÍTICO LOCALMENTE AVANZADO O METASTÁSICO - ESTUDIO TRACKER. PI: AGUADO DE LA ROSA, CARLOS.

ECL.19/148. Reducción de la intensidad de la dosis de denosumab para el tratamiento de mantenimiento de los tumores de células gigantes del hueso irresecables: estudio de fase II multicéntrico "REDUCE" - Reduced dose-density of denosumab for maintenance therapy of unresectable giant cell tumor of bone: a multicenter phase II study "REDUCE". PI: CASADO HERRÁEZ, ANTONIO.

ECL.19/255. Registro clínico de pacientes diagnosticadas con cáncer ginecológico del Grupo Español de Investigación en Cáncer de Ovario (GEICO). PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/581. RETROSPECTIVE MULTICENTER STUDY OF ELDERLY PATIENTS WITH OVARIAN CANCER TREATED WITH TRABECTEDIN AND PLD ACCORDING TO SMPC. PI: MANZANO FERNÁNDEZ, ARÁNZAZU."

ECL.15/544. RIFTOS MKI - pacientes asintomáticos con cáncer diferenciado de tiroides refractario al yodo radioactivo - estudio observacional para evaluar la utilización de inhibidores de multiquinasa. PI: CASADO HERRÁEZ, ANTONIO.

ECL.20/508. Rogaratinib, palbociclib and fulvestrant in advanced hormone receptor-positive, FGFR1/2/3-positive breast cancer: phase I clinical trial plus an expansion cohort β . PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.21/142. SERENA-4: ENSAYO DE FASE III ALEATORIZADO, MULTICÉNTRICO, DOBLE CIEGO, DE AZD9833 (UN SERD, DEGRADADOR SELECTIVO DEL RE, ORAL) MÁS PALBOCICLIB EN COMPARACIÓN CON ANASTROZOL MÁS PALBOCICLIB PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE MAMA AVANZADO CON RECEPTORES ESTROGÉNICOS POSITIVOS Y HER2 NEGATIVO QUE NO HAN RECIBIDO NINGÚN TRATAMIENTO SISTÉMICO PARA LA ENFERMEDAD AVANZADA. PI: GARCÍA SÁENZ, JOSÉ ÁNGEL.

ECL.18/116. SPECTA: Selección de pacientes con cáncer para acceder de forma eficiente a ensayos clínicos (Screening Cancer Patients for Efficient Clinical Trial Access). PI: CASADO HERRÁEZ, ANTONIO.

ECL.18/116. SPECTA: Selección de pacientes con cáncer para acceder de forma eficiente a ensayos clínicos (Screening Cancer Patients for Efficient Clinical Trial Access). PI: MARQUINA OSPINA, GLORIA.

ECL.22/429. STUDY OF ctDNA AS PROGNOSTIC FACTOR ON RESECTABLE STAGE IIIA NSCLC PATIENTS TREATED WITH NEOADJUVANT TREATMENT IN REAL WORLD. PI: AGUADO DE LA ROSA, CARLOS."

ECL.21/371. TALAPRO-3: ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO DE TALAZOPARIB CON ENZALUTAMIDA FRENTE A PLACEBO CON ENZALUTAMIDA EN HOMBRES CON CÁNCER DE PRÓSTATA METASTÁSICO SENSIBLE A LA CASTRACIÓN Y CON MUTACIONES EN GENES DE REPARACIÓN DEL DAÑO EN EL ADN. PI: PUENTE VÁZQUEZ, JAVIER."

ECL.2018/042. The DUTRENEO Trial: A Prospective Study to Individualize the Approach with Durvalumab (MEDI4736) and TREMELIMUMAB in NEOadjuvant Bladder Cancer patients. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/509. TINIVO-2: ESTUDIO EN FASE III, ALEATORIZADO, CONTROLADO, MULTICÉNTRICO Y ABIERTO PARA COMPARAR TIVOZANIB EN COMBINACIÓN CON NIVOLUMAB CON TIVOZANIB EN MONOTERAPIA EN SUJETOS CON CARCINOMA DE CÉLULAS RENALES QUE HAN PROGRESADO TRAS UNA O DOS LÍNEAS DE TRATAMIENTO EN LAS QUE UNA LÍNEA TIENE UN INHIBIDOR DEL PUNTO DE CONTROL INMUNITARIO. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.21/729. TOLERANCE: ESTUDIO ALEATORIZADO DE 3 GRUPOS SOBRE LA CALIDAD DE VIDA RELACIONADA CON LA SALUD DE LOS PACIENTES MAYORES CON SARCOMA AVANZADO DE PARTES BLANDAS TRATADOS CON DOXORUBICINA CADA TRES SEMANAS O SEMANAL, O BIEN CON CLOFOSFAMIDA MÁS PREDNISO(LO)NA. PI: MARQUINA OSPINA, GLORIA.

ECL.21/730. UN ENSAYO ABIERTO DE BI 765063 EN COMBINACIÓN CON BI 754091 (EZABENLIMAB) SOLO O CON BI 836880, QUIMIOTERAPIA O CETUXIMAB, EN PACIENTES CON CARCINOMA DE CÉLULAS ESCAMOSAS DE CABEZA Y CUELLO RECURRENTE/METASTÁSICO (HNSCC) O CARCINOMA HEPATOCELULAR (HCC). PI: SASTRE VALERA, JAVIER.

ECL.2019/114. Un ensayo multicéntrico, aleatorizado y abierto de fase 3 que compara LOXO-292 con los medicamentos cabozantinib o vandetanib, preferidos por los médicos, en pacientes con cáncer medular de tiroides progresivo y avanzado con RET mutante y sin tratamiento anterior con inhibidores de quinasa (LIBRETTO-531). PI: CASADO HERRÁEZ, ANTONIO.

ECL.20/623. Un estudio abierto, multicéntrico y de extensión del tratamiento a largo plazo en sujetos que han completado un estudio previo de niraparib patrocinado por GlaxoSmithKline/TESARO y que el investigador considera que se benefician del tratamiento continuo con niraparib (3000-04-003). PI: CASADO HERRÁEZ, ANTONIO.

ECL.22/267. UN ESTUDIO DE FASE IA/IB, ABIERTO, DE ESCALADA DE DOSIS DE LA COMBINACIÓN DE BI 907828 CON BI 754091 (EZABENLIMAB) Y BI 754111, Y LA COMBINACIÓN DE BI 907828 CON BI 754091 (EZABENLIMAB) SEGUIDO DE COHORTES DE EXPANSIÓN, EN PACIENTES CON TUMORES SÓLIDOS AVANZADOS. PI: BARTOLOMÉ ARCILLA, JORGE.

ECL.22/267. UN ESTUDIO DE FASE IA/IB, ABIERTO, DE ESCALADA DE DOSIS DE LA COMBINACIÓN DE BI 907828 CON BI 754091 (EZABENLIMAB) Y BI 754111, Y LA COMBINACIÓN DE BI 907828 CON BI 754091 (EZABENLIMAB) SEGUIDO DE COHORTES DE EXPANSIÓN, EN PACIENTES CON TUMORES SÓLIDOS AVANZADOS. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.21/448. UN ESTUDIO DE FASE III, ALEATORIZADO, DOBLE CIEGO DE BGB-A1217 Y DEL ANTICUERPO ANTI-TIGIT, EN COMBINACIÓN CON TISLELIZUMAB COMPARADO CON PEMBROLIZUMAB EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO INOPERABLE O METASTÁSICO, NO TRATADO PREVIAMENTE, CON EXPRESIÓN DE PD-L1 Y LOCALMENTE AVANZADO. PI: GONZÁLEZ LARRIBA, JOSÉ LUÍS.

ECL.21/763. REGISTRO NACIONAL GEIS 78: ESTUDIO OBSERVACIONAL DE LA EPIDEMIOLOGÍA E HISTORIA NATURAL DE TUMORES MESENQUIMALES. PI: MARQUINA OSPINA, GLORIA.

ECL.22/088-O_M_No SP. CARACTERIZACIÓN MOLECULAR DE TUMORES DE OVARIO CON MUTACIÓN EN BRCA E IDENTIFICACIÓN DE MECANISMOS DE RESISTENCIA Y RESPUESTA A OLAPARIB. PI: MARQUINA OSPINA, GLORIA.

ECL.22/088-O_M_No SP. CARACTERIZACIÓN MOLECULAR DE TUMORES DE OVARIO CON MUTACIÓN EN BRCA E IDENTIFICACIÓN DE MECANISMOS DE RESISTENCIA Y RESPUESTA A OLAPARIB. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

CONV20/077. Contrato de cesión de uso para el ensayo “ Estudio Fase III aleatorizado de niraparib en combinación..” de 3 dispositivos. PI: PUENTE VÁZQUEZ, JAVIER.

ECL.20/198. ENSAYO MULTICOHORTE FASE II DE TRABECTEDINA Y DOSIS BAJAS DE RADIOTERAPIA EN SARCOMAS AVANZADOS/METASTÁSICOS. PI: CASADO HERRÁEZ, ANTONIO.

ECL.21/728. ESTUDIO DE FASE 3, MULTICÉNTRICO, ALEATORIZADO Y DOBLE CIEGO PARA COMPARAR LA EFICACIA Y LA SEGURIDAD DE BELZUTIFÁN (MK-6482) MÁS PEMBROLIZUMAB (MK-3475) FRENTE A UN PLACEBO MÁS PEMBROLIZUMAB EN EL TRATAMIENTO ADYUVANTE DEL CARCINOMA RENAL DE CÉLULAS CLARAS (CRCC) TRAS UNA NEFRECTOMÍA (MK-6482-022). PI: PUENTE VÁZQUEZ, JAVIER.

ECL.22/036. ESTUDIO OBSERVACIONAL RETROSPECTIVO DE PACIENTES ADULTOS CON CÁNCER DE MAMA HER2+ EN ESTADIO TEMPRANO TRATADOS CON NERATINIB COMO TERAPIA ADYUVANTE EXTENDIDA EN EL MARCO DEL EUROPEAN EARLY ACCESS PROGRAM (EAP). PI: MORENO ANTÓN, FERNANDO.

CONV20/172. Realización del proyecto “ Idylla™ EGFR Mutation Test”. PI: ORTEGA MEDINA, LUIS.

ECL.20/511. Sym021-02: An Open-Label, Multicenter Phase 1b Dose-Expansion Trial to Determine the safety and Anti-tumor activity of Sym021 (Anti-PD-1) in Combination with either Sym022 (Anti-LAG-3) or Sym023 (Anti-TIM-3) in Patients with Advanced Malignancies. PI: MANZANO FERNÁNDEZ, ARÁNZAZU.

ECL.19/412. Targeting triple-negative and HER2-positive breast cancer with BET inhibitors and PROTACs. PI: OCAÑA FERNANDEZ, ALBERTO.

ONC.2

Cancer and Obesity

Competitive Funding

FIS.190073. Obesidad, microbiota y función telomérica en cáncer. Relevancia de la microbiota en el eje intestino-pulmón. PI: TORRES GARCÍA, ANTONIO JOSÉ. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.21/761. CREACIÓN DE ANASTOMOSIS POR COMPRESIÓN LATERAL-TERAL CON EL SISTEMA DE ANASTOMOSIS MAGNÉTICA (SISTEMA MAGNET) DE GT METABOLIC SOLUTIONS PARA LOGRAR UNA DERIVACIÓN DUODENO-ÍLEON EN PACIENTES ADULTOS CON OBESIDAD Y CON O SIN DIABETES MELITUS DE TIPO 2: ESTUDIO MAGNET. PI: TORRES GARCÍA, ANTONIO JOSÉ.

ECL.15/301. Ensayo Clínico Fase III, prospectivo, aleatorizado, doble ciego, de quimioterapia adyuvante con MEDI4736 versus placebo en pacientes con cáncer de pulmón no microcítico con resección completa. PI: HERNANDO TRANCHO, FLORENTINO.

ECL.14/177. INFUSIÓN DE CELULAS CD133+, EN PACIENTES CON METÁSTASIS HEPÁTICAS DE ORIGEN COLORRECTAL QUE VAN A SER SOMETIDOS A UNA RESECCIÓN HEPÁTICA MAYOR (CELLCOL). PI: GARCIA BOTELLA, ALEJANDRA.

ECL.19/549. Obesidad, Microbiota y Función Telomérica en Cáncer. Relevancia de la Microbiota intestinal en el eje intestino-pulmón. PI: TORRES GARCÍA, ANTONIO JOSÉ.

ONC.3

Pathological Anatomy

Competitive Funding

PT20/00074. PLATAFORMA DE BIOBANCOS Y BIOMODELOS. PI: ORTEGA MEDINA, LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

ONC.4

Cell Signaling Mechanisms during Development and Tumor Progression

Competitive Funding

APG.MICINN.22. Comprendiendo la radioterapia flash con dispositivos de tejido-on-chip y resonancia magnética mejorada con hiperpolarización: FLASHOnChip. PI: PORRAS GALLO, ALMUDENA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

APG.MICINN.22. Comprendiendo la radioterapia flash con dispositivos de tejido-on-chip y resonancia magnética mejorada con hiperpolarización: FLASHOnChip. PI: PORRAS GALLO, ALMUDENA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

PID2019-104143-RB-C22. Nuevas funciones de C3G en la progresión tumoral, la fisiología hepática y la biología de megacariocitos y plaquetas. Contribución de C3G plaquetario a la neoangiogénesis patológica y al daño hepático. PI: PORRAS GALLO, ALMUDENA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

222PR29627 FD5/21_01. Hemangioblastomas de SNC en la enfermedad de VHL: edición génica para la creación de un modelo murino. PI: CUESTA MARTÍNEZ, ÁNGEL. Funding organisation: Alianza Española de Familias von Hippel-Lindau.

PID2021-124830OB-I00. The liver progenitor cells as target for the HGF/Met pathway alone or in crosstalk with TGF- β pathway in the intersection between liver regeneration and progression of chronic liver injury". PI: ARÁN-ZAZU SÁNCHEZ MUÑOZ (Co-IP: BLANCA HERRERA GONZÁLEZ). Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

ONC.5

Cannabinoid Signaling in Tumor Cells

Competitive Funding

IFI18/00036. CONTRATOS I-PFIS: ESTIBALIZ GABICAGOGEOASCOA CORTA. PI: VELASCO DÍEZ, GUILLERMO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI21/00343. Hacia el Desarrollo de terapias individualizadas en gliomas basadas en el bloqueo del eje MDK/ALK y la utilización de cannabinoides. PI: VELASCO DÍEZ, GUILLERMO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

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Non Competitive Funding

CONV16/120. Consortium Agreement suscrito en el marco del Proyecto "Marie Skłodowska-Curie Innovation Training Network (ITN) European Training Network. PI: VELASCO DÍEZ, GUILLERMO.

CONV22/101. Señalización por cannabinoides en células tumorales. PI: VELASCO DÍEZ, GUILLERMO.

ECL.21/156. TOWARDS THE DEVELOPMENT OF INDIVIDUALIZED TREATMENTS AGAINST GLIOMAS BASED ON THE BLOCKADE OF THE MDK/ALK AXIS AND THE TREATMENT WITH CANNABINOIDS. PI: VELASCO DÍEZ, GUILLERMO.

ONC.6

Women's Health Research Group

Non Competitive Funding

21/029-E. DETECCIÓN DE HÍBRIDOS PRO-METASTÁSICOS EN EL TUMOR PRIMARIO, METASTÁTICO Y LA CIRCULACIÓN PERIFÉRICA DE PACIENTES CON CÁNCER DE MAMA: UNA ESTRATEGIA PARA SU DESACTIVACIÓN. PI: HERRERA DE LA MUELA, MARIA JOSEFA."

CONV18/064. Desarrollo app cuya finalidad es proporcionar informaciones útiles para la mujer antes, durante y después del parto (contrato ya firmado por la UNED, por la FIBHCSC y por el equipo investigador. PI: IZQUIERDO MÉNDEZ, NURIA; OLIVARES CRESPO, M^a EUGENIA; CORONADO MARTÍN, PLUVIO JESÚS.

ECL.18/367. Biopsia selectiva de ganglio centinela tras Neoadyuvancia en pacientes con cáncer de mama N1 con respuesta radiológica completa axilar. PI: HERRERA DE LA MUELA, MARIA JOSEFA.

ECL.20/216. Estado de Salud y Calidad de vida en supervivientes a largo plazo de cáncer de mama: Estudio VALOR. PI: HERRERA DE LA MUELA, MARIA JOSEFA.

ECL.20/801. ESTUDIO OBSERVACIONAL, PROSPECTIVO Y MULTICÉNTRICO PARA ESTIMAR LA TASA DE CONTINUACIÓN Y LA ACEPTABILIDAD DEL PATRÓN DE SANGRADO EN MUJERES QUE USAN POR PRIMERA VEZ UN SLI-LNG DE BAJA DOSIS. PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.2019/107. A Randomized Double-blind Placebo Controlled Phase 3 Trial to evaluate the Efficacy and Safety of Estetrol for the Treatment of Moderate to Severe Vasomotor Symptoms in Postmenopausal Women (E4Comfort Study I). PI: CORONADO MARTÍN, PLUVIO JESÚS.

ECL.21/009. ESTILO DE VIDA Y FACTORES PREDICTIVOS DE AUMENTO PONDERAL EN PACIENTES CON CÁNCER DE MAMA. PI: BRENES SANCHEZ, JUANA MARIA.

ECL.21/201. IMPLICACIONES PSICOLÓGICAS DE LAS CIRUGÍAS REDUCTORAS DE RIESGO EN PROCESOS ONCOLÓGICOS DE CÁNCER HEREDOFAMILIAR. PI: OLIVARES CRESPO, M^a EUGENIA.

ECL.21/295. ESTUDIO DE LA IMPLICACIÓN DE LOS TELÓMEROS EN EL ENVEJECIMIENTO Y LA DISFUNCIÓN/INFERTILIDAD DE LOS OVARIOS. "UNDERSTANDING THE IMPLICATION OF THE TELOMERE PATHWAY IN OVARIAN AGING AND DYSFUNCTION/INFERTILITY". PI: CRISTOBAL GARCÍA, IGNACIO.

ECL.22/146. ESTUDIO TRANSVERSAL PARA ESTIMAR LA COBERTURA DE VACUNACIÓN FRENTE AL VPH EN UN GRUPO ESPECÍFICO DE POBLACIÓN DE ALTO RIESGO EN ESPAÑA. PI: RAMIREZ MENA, MARÍA DEL MAR."

PCM.M04MSD. Estudio de la efectividad de la vacuna profiláctica frente al virus del papiloma humano en la prevención de recurrencia en mujeres que han recibido una terapia escisional por HSIL/CIN: Estudio VENUS. PI: CORONADO MARTÍN, PLUVIO JESÚS.

CEIC nº 21/742-E. Proyecto multicéntrico Nacional "ESTUDIO PROSPECTIVO EN LA VALORACIÓN DEL USO DEL MOVILIZADOR UTERINO EN EL CÁNCER DE ENDOMETRIO ESTADIO INICIAL: ESTUDIO PRO MUCEI. PI: CORONADO MARTÍN, PLUVIO JESÚS.

CEIm C.P. ISM-210615. C.I. 22/048-E. IMPACTO EN LA CALIDAD DE VIDA DE PACIENTES TRATADOS CON CANCER DE CERVIX. . PI: CORONADO MARTÍN, PLUVIO JESÚS.

ECL.22/003. IMPACTO DEL COVID-19 EN LA ATENCIÓN SANITARIA Y EL RIESGO DE CÁNCER DE CÉRVIX EN MADRID, ESPAÑA. PI: CRISTOBAL GARCÍA, IGNACIO.

TEC.1

Cell-biomaterial Interactions (BIO UCM)

Competitive Funding

NeuroStimSpinal, Referencia 829060. A step forward to spinal cord injury repair using innovative stimulated nanoengineered scaffolds". PI: María Teresa Portolés Pérez. Funding organisation: European Union.

Nano & Niche. Biocerámicas nanoestructuradas con aplicaciones en infección ósea y neoplasia hematológica. PI: Daniel Arcos Navarrete / Isabel Izquierdo Barba. Funding organisation: Ministerio de Ciencia e Innovación .

TEC.2

Organ and tissue on chip group and In-Vitro detection

Competitive Funding

PI21/00781. Evaluación de aproximaciones terapéuticas para artrosis de rodilla mediante modelos in vitro tissue in a chip e in vivo. PI: MIGUEL HORGADO. Funding organisation: INSTITUTO CARLOS III/MINISTERIO DE CIENCIA E INNOVACION.

PDC2021-121424-I00. Biopsia y Tejido en un chip más biosensores multiplexados integrados en una plataforma para la monitorización de células y de biomarcadores de melanoma para evaluar terapias a. PI: MIGUEL HORGADO. Funding organisation: MINISTERIO DE CIENCIA E INNOVACIÓN.

P2018/BAA-4480. GOFB-UPM. Nuevas tecnologías de fabricación y optimización de tejidos: la piel como sistema modelo. PI: MIGUEL HORGADO. Funding organisation: COMUNIDAD DE MADRID.

Grant agreement ID: 844464. Multiplexed biosensing and tissue-on-a-chip integrated platform for breast cancer biomarkers monitoring. PI: MIGUEL HORGADO. Funding organisation: COMISION EUROPEA.

TEC.3

Pharmaceutical Innovation in Ophthalmology

Competitive Funding

PID2020-11328 1RB-C21. DISEÑO Y EVALUACIÓN DE MICROESFERAS BIODEGRADABLES PARA EL TRATAMIENTO DEL GLAUCOMA. PI: ROCÍO HERRERO VANRELL . Funding organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

MSCA-ITN (Marie Slowdoska-Curie Innovation Training Network). ORBITAL (Ocular Research By Integrated Training and Learning) network (EU813440). PI: ROCÍO HERRERO VANRELL . Funding organisation: UNIÓN EUROPEA.

MSCA-RISE-2016 3D NEONET. (Drug Discovery and Delivery NETWORK for Oncology and Eye Therapeutics. Grant Agreement # 734907. PI: ROCÍO HERRERO VANRELL . Funding organisation: UNIÓN EUROPEA.

PR38/21-17. ANTICIPACIÓN Y PREVENCIÓN DE COVID-19 EN LA COMUNIDAD DE MADRID. PI: ROCÍO HERRERO VANRELL . Funding organisation: COMUNIDAD DE MADRID, FONDO EUROPEO DE DESARROLLO REGIONAL UNIÓN EUROPEA.

TEC.4

Biomaterials and Regenerative Medicine

Competitive Funding

GGT.YEI.21. Ayudas para la Contratación de Ayudantes de Investigación y Técnicos de Laboratorio 2021. PI: GUINEA TORTUERO, GUSTAVO VÍCTOR. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PID2020-116403RB-I00. Modulación de la respuesta a biomateriales de titanio funcionalizados/ Modulation of the response to functionalized titanium biomaterials MODBIOMAT. PI: PÉREZ RIGUEIRO, JOSÉ. Funding organisation: Ministerio de Ciencia e Innovación.

P2018/NMT-4443. Nuevas Tecnologías Aplicadas al Estudio de Nanomáquinas Biológicas Tec4Bio-CM. PI: PLAZA BAONZA, GUSTAVO RAMÓN. Funding organisation: COMUNIDAD DE MADRID.

TEC.6

Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

Competitive Funding

JBA.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

TEC.7

Innovation: Surgery, Pharmaceuticals and Neuroengineering

Competitive Funding

EUR.ODIN. Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe. PI: LUACES MÉNDEZ, MARÍA. Funding organisation: COMISIÓN EUROPEA.

EUR.GRAVITATE. Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment. PI: LUACES MÉNDEZ, MARÍA. Funding organisation: COMISIÓN EUROPEA.

Non Competitive Funding

MMS.C01AST. COLABORACIÓN PROYECTO DE INNOVACIÓN Y HUMANIZACIÓN EN LA FARMACIA HOSPITALARIA del Hospital Clínico San Carlos. PI: BENITEZ GIMENEZ, MARIA TERESA.

ECL.20/435. CovidMEdicaTion (COMET) study; a retrospective cohort study: rationale and design. ABSTRACT ESTUDIO COMET. PI: BENITEZ GIMENEZ, MARIA TERESA.

MMS.F02OTSU. Desarrollo del proyecto salud Salud Individual y Colectiva, evaluación del desarrollo y aplicación de la Telefarmacia, orientado a la crisis sanitaria del COVID-19. PI: GONZÁLEZ PÉREZ, CRISTINA.

CONV19/135. El objeto de este Convenio es regular la colaboración de ambas partes para el desarrollo de proyectos y/o soluciones en el campo de la salud. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

CONV19/139. El objeto es regular la colaboración entre ambas partes para el desarrollo del proyecto y/o soluciones en el campo de la salud. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

CONV14/142. NDA al Convenio marco de colaboración firmado en la misma fecha que este NDA. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

CONV19/152. NDA en relación con una propuesta europea. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

CONV18/162. Protocolo general de actuación entre SCS y FIBHCSC y relativo al desarrollo de proyectos y/o soluciones en el campo de la salud. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

CONV20/008. Regular la colaboración de ambas partes para el desarrollo de proyectos y/o soluciones en el campo de salud. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

ECL.20/387. Salud Individual y Colectiva, evaluación del desarrollo y aplicación de la Telefarmacia (#TeleFarmaciaHCSC #QuedateEnCasa). PI: BENITEZ GIMENEZ, MARIA TERESA.

CONV14/106. Se formaliza la colaboración entre la FIBHCSC y NOVARTIS desde el 15 de enero de 2013 hasta el 9 de mayo de 2014 para el desarrollo del Proyecto "Mejorar la planificación de la lista de espera quirúrgica" consistente en la revisión del proceso de planificación del bloque quirúrgico del HCSC para poder integrar el software BOLD QUIR. Durante el periodo de colaboración NOVARTIS cede a la FIBHCSC el derecho a la utilización del software BOLD QUIR. PI: MAYOL MARTÍNEZ, JULIO ÁNGEL.

TEC.8

Radiology Research

Non Competitive Funding

ECL.22/179. EXTRACCIÓN DE EMBOLOS, EVALUACIÓN DE COÁGULOS Y EVALUACIÓN DE LESIONES PARA NEUROTROMBECTOMÍA. PI: MOREU GAMAZO, MANUEL.

ECL.22/258. PRIMER ESTUDIO PROSPECTIVO, MONOBRAZO, MULTICÉNTRICO PARA EVALUAR LA SEGURIDAD Y EFICACIA DEL SISTEMA GLOBAL DE TROMBECTOMÍA PARA ICTUS: INEDIT, INDEEP E INTERCEPT EN PACIENTES CON ACCIDENTE CEREBROVASCULAR ISQUÉMICO AGUDO. PI: MOREU GAMAZO, MANUEL.

TEC.9

Nuclear Techniques and Instrumentation in Biomedicine

Competitive Funding

SEP.MICINN.21. Desarrollo de tecnologías para farmacocinética no invasiva en medicina nuclear. PI: ESPAÑA PALOMARES, SAMUEL. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

964644. Gamma-MRI <https://cordis.europa.eu/project/id/964644>. PI: LM Fraile. Funding organisation: H2020-FETOPEN.

4129271. OCTOPUS: ONCOLOGICAL CONCURRENT TOMOGRAPHIC OPTOACOUSTICS, PET AND ULTRASONOGRAPHY. PI: JM Udias . Funding organisation: H2020 (MSCA).

RTC2019-007112-1. Nueva generación de equipos de imagen por rayos X con contraste de fase y fuente LÁSER (XPHASE-LASER). PI: J.M. Udías. Funding organisation: Ministerio de Ciencia e Innovación .

PID2021-124094OA-I00. Radiobiología de la protonterapia a tasas FLASH estudiada en un modelo de cáncer de pulmón. PI: D. Sánchez Parcerisa. Funding organisation: Ministerio de Ciencia e Innovación .

MIA.2021.M02.0005. Tartaglia - Red Federada De Inteligencia Artificial Para Acelerar La Investigación Sanitaria. PI: J. L. Herraiz. Funding organisation: Ministerio de Ciencia e Innovación .

PR27/21-014. Protonterapia FLASH (pFLASH): efecto diferencial de la tasa de dosis en el daño celular en modelos celulares de cáncer de pulmón. PI: D. Sánchez Parcerisa. Funding organisation: Comunidad de Madrid .

PR27/21-009. Farmacocinética PET no invasiva para estudios clínicos y pre-clínicos. PI: S. España. Funding organisation: Comunidad de Madrid .

TEC.10

Clinical Pharmacology

Competitive Funding

EUR.IDEAFast. Identifying Digital Endpoints to Assess Fatigue, Sleep and activity daily living in Neurodegenerative disorders and Immune-mediated inflammatory diseases – IDEA-FAST. PI: PORTOLÉS PÉREZ, ANTONIO. Funding organisation: COMISIÓN EUROPEA.

Non Competitive Funding

ECL.20/752. COVID-19: A Phase 2b/3, Randomized, Observer-Blinded, Placebo Controlled, Multicenter Clinical Study Evaluating the Efficacy and Safety of Investigational SARS-CoV-2 mRNA Vaccine CVnCoV in Adults 18 Years of Age and Older. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.20/312. EFECTIVIDAD Y SEGURIDAD DE TOCILIZUMAB EN LA NEUMONÍA INTERSTICIAL CON INSUFICIENCIA RESPIRATORIA GRAVE SECUNDARIA A INFECCIÓN POR SARS-COV-2: ESTUDIO DE COHORTES (TOCICOV-19). PI: CABRERA GARCIA, LOURDES.

ECL.21/553. ENSAYO CLÍNICO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y CON TRATAMIENTO ACTIVO, PARA EVALUAR LA EFICACIA ANALGÉSICA Y LA SEGURIDAD DE UNA COMBINACIÓN ORAL DE IBUPROFENO (ARGININA)-TRAMADOL HCL ADMINISTRADA A PACIENTES CON DOLOR MODERADO A SEVERO TRAS SOMETERSE A CIRUGÍA DENTAL. PI: VARGAS CASTRILLÓN, EMILIO.

ECL.21/553. ENSAYO CLÍNICO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y CON TRATAMIENTO ACTIVO, PARA EVALUAR LA EFICACIA ANALGÉSICA Y LA SEGURIDAD DE UNA COMBINACIÓN ORAL DE

EUR.TREOCAPA CTU. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen- CTU. PI: PORTOLÉS PÉREZ, ANTONIO. Funding organisation: COMISIÓN EUROPEA.

IBUPROFENO (ARGININA)-TRAMADOL HCL ADMINISTRADA A PACIENTES CON DOLOR MODERADO A SEVERO TRAS SOMETERSE A CIRUGÍA DENTAL. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.21/553. ENSAYO CLÍNICO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y CON TRATAMIENTO ACTIVO, PARA EVALUAR LA EFICACIA ANALGÉSICA Y LA SEGURIDAD DE UNA COMBINACIÓN ORAL DE IBUPROFENO (ARGININA)-TRAMADOL HCL ADMINISTRADA A PACIENTES CON DOLOR MODERADO A SEVERO TRAS SOMETERSE A CIRUGÍA DENTAL. PI: ASCASO DEL RÍO, ANA.

ECL.22/416. ESTUDIO DE FASE I, ABIERTO, PARA EVALUAR EL EFECTO DE LA INSUFICIENCIA RENAL Y EL TRATAMIENTO DE DIÁLISIS EN LA FARMACOCINÉTICA DE UNA DOSIS ÚNICA DE CITISINICLINA 3 MG. PI: PORTOLÉS PÉREZ, ANTONIO."

ECL.20/707. ESTUDIO OBSERVACIONAL RETROSPECTIVO CON REAL WORLD DATA SOBRE EFECTIVIDAD Y SEGURIDAD DE LOS NUEVOS ANTICOAGULANTES ORALES Y ACENOCUMAROL EN LA PREVENCIÓN DE ACONTECIMIENTOS ATROFOTROMBÓTICOS EN PACIENTES DE LA COMUNIDAD DE MADRID. PI: VARGAS CASTRILLÓN, EMILIO.

ECL.16/326. Riesgo de acidosis láctica asociado al uso de metformina en pacientes diabéticos tipo 2 con enfermedad renal crónica moderada-severa: estudio de casos y controles. PI: LAREDO VELASCO, LEONOR MARÍA.

ECL.21/341. A PHASE 2, COMPARATIVE, RANDOMISED, ADAPTIVE TRIAL TO EVALUATE THE SAFETY AND IMMUNOGENICITY OF ONE DOSE OF COMIRNATY IN SUBJECTS THAT HAD RECEIVED ONE DOSE OF VAXZEVRIA. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.22/156. ENSAYO CLÍNICO ALEATORIZADO PARA EVALUAR LA UTILIDAD DEL GENOTIPADO DE CYP2D6 PARA MEJORAR LA EFICACIA Y LA SEGURIDAD DEL TRAMADOL EN EL TRATAMIENTO DEL DOLOR POSTOPERATORIO AGUDO. PI: PORTOLÉS PÉREZ, ANTONIO.

ECL.21/663. PROSPECTIVE STUDY TO ESTABLISH THE IMMUNE STATUS IN THE ELDERLY AFTER RECEIVING A FULL COURSE OF VACCINATION. EN-COVID SENIOR. PI: PORTOLÉS PÉREZ, ANTONIO.

OGS.6

Diabetes and Cardiovascular

Competitive Funding

ECL.ANACLI. ANALISIS CLINICOS (LABORATORIO HOSPITAL). PI: BENITO DE LAS HERAS, MANUEL ROMAN.

OGS.9

Endocrinology of Metabolic Diseases

Competitive Funding

NGL.MINECO.19. DESARROLLO DE UNA HERRAMIENTA PARA LA DETERMINACION DE RIESGO GENÉTICO Y PREVENCIÓN PERSONALIZADA DE LA DIABETES GESTACIONAL. PI: CALLE PASCUAL, ALFONSO LUIS. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

NGL.MINECO.19. DESARROLLO DE UNA HERRAMIENTA PARA LA DETERMINACION DE RIESGO GENÉTICO Y PREVENCIÓN PERSONALIZADA DE LA DIABETES GESTACIONAL. PI: GARCÍA DE LA TORRE LOBO, NURIA. Funding organisation: MINISTERIO DE CIENCIA E INNOVACION.

AC21_2/00036. Dietary Assessment & Further Development of Biomarkers for All. PI: CALLE PASCUAL, ALFONSO LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

PI20/01758. Interacción genotipo-dieta en el desarrollo de Diabetes Mellitus Gestacional y subsecuente riesgo cardiometabólico. PI: CALLE PASCUAL, ALFONSO LUIS. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.20/824. EFFECT OF SUBCUTANEOUS SEMAGLUTIDE 2.4 MG ONCE-WEEKLY COMPARED TO PLACEBO IN SUBJECTS WITH OBESITY AND KNEE OSTEOARTHRITIS. PI: RUBIO HERRERA, MIGUEL ÁNGEL.

ECL.21/383. EFFICACY AND SAFETY OF SUBCUTANEOUS SEMAGLUTIDE 2.4 MG ONCE-WEEKLY IN SUBJECTS WITH OBESITY AND PREDIABETES. PI: RUBIO HERRERA, MIGUEL ÁNGEL.

ECL.21/364. ESTADO NUTRICIONAL DE LOS PACIENTES CON TUMOR NEUROENDOCRINO GASTROENTEROPANCREÁTICO EN ESPAÑA: NUTRIGETNE. PI: DÍAZ PÉREZ, JOSÉ ÁNGEL.

ECL.22/204. ESTUDIO NO INTERVENCIONISTA, MULTICENTRO RETROSPECTIVO SOBRE LA EFECTIVIDAD Y SEGURIDAD DE TEDUGLUTIDA (REVES-TIVE®) EN PACIENTES CON SÍNDROME DEL INTESTINO CORTO EN ESPAÑA. ESTUDIO T-REX. PI: MATÍA MARTÍN, MARÍA PILAR.

ECL.22/228. ESTUDIO OBSERVACIONAL DE UN MODELO DE NUTRICIÓN PARENTERAL DOMICILIARIA (NPD) BASADO EN ESPAÑA. PI: MATÍA MARTÍN, MARÍA PILAR.

ECL.20/225. Genotype-Diet interaction in the development of Gestational Diabetes Mellitus and subsequent cardiometabolic risk. PI: CALLE PASCUAL, ALFONSO LUIS.

ECL.17/464. REGISTRO NACIONAL DE PACIENTES CON DIABETES TIPO 1. PI: CALLE PASCUAL, ALFONSO LUIS.

Estudio Predimed Plus (PI14 y PI17). Fase de seguimiento a 8 años finaliza en dic de 2024. Pte publicación resultados principales: EFECTO DE UNA DIETA MEDITERRÁNEA TRADICIONAL CON RESTRICCIÓN DE ENERGÍA, ACTIVIDAD FÍSICA Y TRATAMIENTO CONDUCTUAL SOBRE LA PREVENCIÓN DE ENFERMEDAD CARDIOVASCULAR ESTUDIO PREDIMED-PLUS. MATÍA MARTÍN, MARÍA PILAR.

ECL.22/363. BÚSQUEDA DE BIOMARCADORES ESPECÍFICOS DE INGESTA PARA LA NORMALIZACIÓN DE LA EVALUACIÓN DIETÉTICA. ESTUDIO PILOTO. PI: CALLE PASCUAL, ALFONSO LUIS.

OGS.14

Medical Physics

Competitive Funding

JFS.CSN.22. Dosis Ocupacionales Para la Optimización en Intervencionismo Médico (DOPOIM). PI: FERNÁNDEZ SOTO, JOSÉ MIGUEL. Funding organisation: CONSEJO DE SEGURIDAD NUCLEAR.

HADEA/2022/OP/0003. Service contract for analysis on workforce availability, education and training needs for the quality and safety of medical applications involving ionising radiation in the EU. PI: Prof. Boris Brkljačić, radiologist, Zagreb/HR. Dr. Adrian Brady, radiologist, Cork/IE. Funding organisation: European Commission.

OGS.15

Aging

Non Competitive Funding

ECL.12/462. ESTUDIO OBSERVACIONAL POSCOMERCIALIZACIÓN, MULTICENTRICO: SEGURIDAD Y EFICACIA DE LA NUTRICIÓN ENTERAL EN PACIENTES ESPAÑOLES UTILIZANDO JEVITY PLUS HP. PI: CUESTA TRIANA, FEDERICO MIGUEL.

ECL.18/279. PROYECTO SEIOMM-FLS EXCELLENCE (REGISTRO REFRA). PI: MORA FERNÁNDEZ, JESÚS.

OGS.18

Health Care Research

Non Competitive Funding

ECL.21/126. ESTUDIO CLÍNICO DE SEGUIMIENTO POST-COMERCIALIZACIÓN PROSPECTIVO, NO INTERVENCIONISTA, DE LA SEGURIDAD Y FUNCIONAMIENTO DEL DISPOSITIVO FLEXIMA® / SOFTIMA® EN PACIENTES CON ENTEROSTOMÍA. PI: LANCHARRO BERMÚDEZ, MARGARITA."

ECL.21/126. ESTUDIO CLÍNICO DE SEGUIMIENTO POST-COMERCIALIZACIÓN PROSPECTIVO, NO INTERVENCIONISTA, DE LA SEGURIDAD Y FUNCIONAMIENTO DEL DISPOSITIVO FLEXIMA® / SOFTIMA® EN PACIENTES CON ENTEROSTOMÍA. PI: CAPARRÓS SANZ, M^o ROSARIO."

OGS.19

Epidemiology and Health Services

Competitive Funding

CA21/00014. Contratos de personal técnico bioinformático de apoyo a la investigación en los IIS,. PI: PAZ CABEZAS, MATEO. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.16/128. EFICACIA, SEGURIDAD E INMUNOGENICIDAD DE LA VACUNA HZ/ su DE GSK BIOLOGICALS GSK1437173A EN UN ESTUDIO FASE IIb, ABIERTO, DE SEGUIMIENTO A LARGO PLAZO (ZOE-LTFU) DE LOS ESTUDIOS 110390/113077 (ZOSTER-006/022) Y EVALUACIÓN DE DOSIS ADICIONALES EN ADULTOS DE EDAD AVANZADA. PI: BARDÓN FERNÁNDEZ-PACHECO, IGNACIO.

ECL.19/273. ENSAYO CLÍNICO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, OBSERVADOR CIEGO Y CONTROLADO CON PLACEBO PARA EVALUAR LA RECURRENCIA DE HERPES ZÓSTER Y LA REACTOGENICIDAD, SEGURIDAD E INMUNOGENICIDAD DE LA VACUNA FRENTE AL HERPES ZÓSTER (HZ/SU) DE GSK BIOLOGICALS CUANDO SE ADMINISTRA POR VÍA INTRAMUSCULAR EN UNA PAUTA DE 0 Y 2 MESES A ADULTOS DE 50 AÑOS O MÁS CON UN EPISODIO PREVIO DE HERPES ZÓSTER. PI: CASO PITA, M^o COVADONGA.

ECL.22/323. ESTUDIO EN FASE IIIB, MULTICÉNTRICO, MULTINACIONAL, ABIERTO, DE SEGUIMIENTO A LARGO PLAZO DE ZOSTER-049 (SEGUIMIENTO DE LOS ESTUDIOS ZOSTER-006/022) PARA EVALUAR LA EFICACIA PROFILÁCTICA, LA SEGURIDAD Y LA PERSISTENCIA DE LA RESPUESTA INMUNITARIA DE UNA VACUNA DE SUBUNIDADES DE HERPES ZÓSTER Y PARA EVALUAR LA PERSISTENCIA DE LA RESPUESTA INMUNITARIA Y LA SEGURIDAD DE 1 O 2 DOSIS ADICIONALES ADMINISTRADAS EN ZOSTER- 049 EN 2 SUBGRUPOS DE ADULTOS DE EDAD AVANZADA. PI: BARDÓN FERNÁNDEZ-PACHECO, IGNACIO."

OGS.23

The Digestive System

Non Competitive Funding

ECL.19/048. Estreñimiento Crónico, Práctica clínica vs Evidencia Científica: proyecto ECOPEC. PI: ÁLVAREZ SÁNCHEZ, ÁNGEL.

ECL.20/195. Estudio de fase 3, aleatorizado, doble ciego, controlado con placebo y de tres grupos para evaluar la seguridad y eficacia de la administración una vez al día y dos veces al día de una nueva formulación en supositorio de acetato dehidrocortisona 90 mg, ad. PI: TAXONERA SAMSÓ, CARLOS.

ECL.2016/005. Estudio de fase II/III, doble ciego, aleatorizado y controlado con placebo, para evaluar la seguridad y eficacia del tratamiento de inducción y mantenimiento con GS-5745 en pacientes con colitis ulcerosa activa de moderada a intensa. PI: TAXONERA SAMSÓ, CARLOS.

ECL.13/002. ESTUDIO DEL REFLEJO GASTROCOLICO; INFLUENCIA DE PRUCALOPRIDE. PI: REY DÍAZ-RUBIO, ENRIQUE.

ECL.15/500. Estudio multicéntrico, aleatorizado, con doble enmascaramiento y controlado con placebo sobre ABT-494 para inducir la remisión sintomática y endoscópica en pacientes con enfermedad de Crohn activa de intensidad moderada a grave que han respondido de forma insuficiente al tratamiento anti-TNF o que no toleran el tratamiento. PI: TAXONERA SAMSÓ, CARLOS.

ECL.2017/057. Estudios combinados de fase III, aleatorizados, doble ciego y controlados con placebo, para evaluar la eficacia y la seguridad de filgotinib en la inducción y el mantenimiento de la remisión en pacientes con enfermedad de Crohn de actividad moderada a intensa. PI: TAXONERA SAMSÓ, CARLOS.

ECL.19/221. GIANT – A multicenter, prospective, post-marketing observational study to evaluate the effectiveness and safety of Hyrimoz™ (adalimumab biosimilar) and Zessly™ (infliximab biosimilar) in patients with Crohn's Disease. PI: TAXONERA SAMSÓ, CARLOS.

ECL.16/394. Manejo del estreñimiento crónico. "Proyecto MEC16". PI: ÁLVAREZ SÁNCHEZ, ÁNGEL.

ECL.18/074. MANEJO DEL Helicobacter Pilory. Proyecto MANHEP. PI: ÁLVAREZ SÁNCHEZ, ÁNGEL.

ECL.17/228. REGISTRO DE EXPOSICIÓN A LARGO PLAZO PROSPECTIVO Y OBSERVACIONAL DE PACIENTES ADULTOS CON COLITIS ULCEROSA. PI: TAXONERA SAMSÓ, CARLOS.

ECL.13/269. Registro no intervencionista de larga duración para evaluar la seguridad y la efectividad de HUMIRA® (adalimumab) en pacientes con colitis ulcerosa (CU) de actividad moderada a grave? (LEGACY) LEGACY A Long-Term Non-Interventional Registry to Assess Safety and Effectiveness of HUMIRA®(Adalimumab) in Patients with Moderately to Severely Active Ulcerative Colitis (UC). PI: TAXONERA SAMSÓ, CARLOS.

ECL.2019/102. Seguimiento de un estudio en fase III para evaluar la eficacia y la seguridad a largo plazo de darvadstrocel en el tratamiento de fistulas perianales complejas, en pacientes con enfermedad de Crohn que han participado en el estudio ADMIRE II. PI: TAXONERA SAMSÓ, CARLOS.

20/143_E. Selección terapéutica en Motilidad. Estudio SELMO". PI: ÁLVAREZ SÁNCHEZ, ÁNGEL.

OGS.24

Hematology

Competitive Funding

EAM.YEI.20. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: ANGUITA MANDLY, EDUARDO. Funding organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

Non Competitive Funding

ECL.21/526. A PROSPECTIVE, OBSERVATIONAL STUDY, TO EVALUATE THE MAINTENANCE WITH BORTEZOMIB PLUS DARATUMUMAB (V-DARA) AFTER INDUCTION WITH BORTEZOMIB, MELPHALAN, PREDNISONE PLUS DARATUMUMAB (VMP-DARA) IN NEWLY DIAGNOSED MULTIPLE MYELOMA (MM) PATIENTS Non-ELIGIBLE FOR AUTOLOGOUS STEM CELL TRANSPLANTATION (ASCT): ALCYONE-OPTIMIZED REAL WORLD EVIDENCE (RWE) DATA. PI: BENAVENTE CUESTA, CELINA.

CONV20/124. CDA Ensayo Clínico Alexión en relación al Danicopán. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/726. ENSAYO EN FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO, COMPARATIVO CON PLACEBO PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DEL EFGARTIGIMOD (ARGX-113) PH20 SUBCUTÁNEO EN PACIENTES ADULTOS CON TROMBOCITOPENIA INMUNITARIA PRIMARIA. PI: BOLAÑOS CALDERON, ESTEFANIA.

ECL.21/223. ENSAYO EN FASE III, MULTICÉNTRICO, SIN ENMASCARAMIENTO Y A LARGO PLAZO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE EFGARTIGIMOD (ARGX-113) PH20 SUBCUTÁNEO EN PACIENTES ADULTOS CON TROMBOCITOPENIA INMUNITARIA PRIMARIA. PI: BOLAÑOS CALDERON, ESTEFANIA.

ECL.2018/128. Estudio de fase III aleatorizado, con grupos paralelos, multicéntrico, farmacocinético abierto, de no inferioridad que compara ravulizumab administrado por vía subcutánea con ravulizumab administrado por vía intravenosa en pacientes adultos con hemoglobinuria paroxística nocturna tratada actualmente con eculizumab. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/638. ESTUDIO EN FASE III, ALEATORIZADO, ABIERTO, CON CONTROL ACTIVO, MULTICÉNTRICO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE CROVALIMAB FRENTE A ECUZUMAB EN PACIENTES ADULTOS Y ADOLESCENTES CON HEMOGLOBINURIA PAROXÍSTICA NOCTURNA (HPN) ACTUALMENTE TRATADA CON INHIBIDORES DEL COMPLEMENTO. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/639. Estudio en fase III, aleatorizado, abierto, con control activo, multicéntrico, para evaluar la eficacia y la seguridad de crovalimab frente a eculizumab en pacientes adultos y adolescentes con hemoglobinuria paroxística nocturna (HPN) no tratada previamente con inhibidores del complemento. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.2019/068. Estudio fase II con aleatorización 2:1 para comparar la eficacia y seguridad del tratamiento con quimioterapia estándar más quizartinib frente a quimioterapia estándar más placebo en pacientes adultos con LMA de nuevo diagnóstico con el gen FLT3 no mutado. PI: POLO ZARZUELA, MARTA.

ECL.2019/065. Estudio fase III aleatorizado abierto para comparar el tratamiento con azacitidina más pevonedistat frente a azacitidina en adultos con LMA de nuevo diagnóstico ancianos y/o no candidatos a quimioterapia estándar de inducción. PI: POLO ZARZUELA, MARTA.

ECL.21/608. ESTUDIO MULTICÉNTRICO, ALEATORIZADO, CONTROLADO CON PLACEBO, DOBLE CIEGO Y ADAPTATIVO DE FT-4202 ORAL, UN ACTIVADOR DE LA PIRUVATO CINASA EN PACIENTES CON ANEMIA DREPANOCÍTICA. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.20/584. Estudio no intervencionista, de cohortes, sobre la evolución clonal de las mutaciones de FLT3 durante la progresión de la enfermedad en pacientes con leucemia mieloide aguda - CLEVO. PI: POLO ZARZUELA, MARTA.

ECL.22/165. ESTUDIO OBSERVACIONAL DE SATISFACCIÓN DE PACIENTES Y MÉDICOS CON EL TRATAMIENTO ACTUAL PARA LA HEMOGLOBINURIA PAROXÍSTICA NOCTURNA EN ESPAÑA. PI: GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO.

ECL.16/327. Estudio observacional para valorar la carga de la enfermedad, en términos de Calidad de Vida Relacionada con la Salud y costes sanitarios directos, en pacientes con Mieloma Múltiple de nuevo diagnóstico no candidatos a trasplante autólogo de progenitores hematopoyéticos en España. Estudio QoLMMBuS. PI: BENAVENTE CUESTA, CELINA.

ECL.16/327. Estudio observacional para valorar la carga de la enfermedad, en términos de Calidad de Vida Relacionada con la Salud y costes sanitarios directos, en pacientes con Mieloma Múltiple de nuevo diagnóstico no candidatos a trasplante autólogo de progenitores hematopoyéticos en España. Estudio QoLMMBuS. PI: MARTINEZ MARTINEZ, RAFAEL BENIGNO.

ECL.21/675. HISTORIA NATURAL Y RESULTADOS DE TRATAMIENTO DE PÚRPURA TROMBOCITOPÉNICA TROMBÓTICA CONGÉNITA E INMUNE: ESTUDIO DE REVISIÓN RETROSPECTIVA DE HISTORIAL MÉDICO DEL PACIENTE. PI: BENAVENTE CUESTA, CELINA.

ECL.17/255. Registro Regional para evaluar la práctica médica con observación longitudinal para el diagnóstico y tratamiento de la leucemia linfocítica crónica. PI: MARTINEZ MARTINEZ, RAFAEL BENIGNO.

ECL.21/571. UN ENSAYO ALEATORIZADO MULTICÉNTRICO DE FOSFOMICINA FRENTE A CIPROFLOXACINO PARA LA NEUTROPENIA FEBRIL EN PACIENTES HEMATOLÓGICOS: EFICACIA Y SEGURIDAD MICROBIOLÓGICA. PI: POLO ZARZUELA, MARTA.

ECL.22/649. ESTUDIO DEL PAPEL DE LOS MODIFICADORES GENÉTICOS EN LAS HEMOGLOBINOPATÍAS. PI: ROPERO GRADILLA, PALOMA.

ECL.22/021. MEJORA DE LAS TÉCNICAS INMUNOLÓGICAS Y MOLECULARES PARA EL DIAGNÓSTICO Y SEGUIMIENTO DE PACIENTES CON PURPURA TROMBÓTICA TROMBOCITOPÉNICA: UNA PROPUESTA DE ESTUDIO COOPERATIVO DEL GRUPO ESPAÑOL DE AFÉRESIS (GEA) EN COLABORACIÓN CON LA SOCIEDAD ESPAÑOLA DE HEMATOLOGÍA Y HEMOTERAPIA. PI: BENAVENTE CUESTA, CELINA."

ECL.22/419. VALIDATION OF AN INNOVATIVE RAPID TEST FOR THE DIAGNOSIS OF ACUTE MYELOBLASTIC LEUKEMIA (AML) BASED IN OXFORD NANOPORE TECHNOLOGY. PI: ANGUITA MANDLY, EDUARDO."

OGS.25

Pathology of Emergency

Competitive Funding

FIS.180456. Planificación del alta desde urgencias para reducir reingresos a 30 días en mayores frágiles con insuficiencia cardíaca aguda: ensayo clínico aleatorizado por conglomerados pareado. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Funding organisation: INSTITUTO DE SALUD CARLOS III.

Non Competitive Funding

ECL.19/422. Estudio de evaluación y manejo del dolor agudo en servicios de urgencias hospitalarios e intervención educativa: Estudio EDURG17. PI: FERNÁNDEZ ALONSO, CESÁREO.

ECL.20/370. Factores socio-demográficos predicen los resultados adversos intrahospitalarios en los pacientes ingresados por Covid-19. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER.

ECL.21/578. IDENTIFYING PATIENTS WITH SUSPICION OF INFECTION IN THE ED WHO HAVE LOW DISEASE SEVERITY USING MIDREGIONAL PROAD-RENOMEDULLIN (MR-PROADM) - PIVOTAL STUDY. PI: GONZÁLEZ DEL CASTILLO, JUAN MARÍA.

ECL.18/531. Planificación del alta desde urgencias para reducir reingresos a 30 días en mayores frágiles con insuficiencia cardíaca aguda: ensayo clínico aleatorizado por conglomerados pareado. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER.

OGS.27

Interdisciplinary Diabetic Foot Study

Non Competitive Funding

ECL.21/489. SEGURIDAD DE EDOXABÁN EN PACIENTES CON FIBRILACIÓN AURICULAR NO VALVULAR (FANV) Y DIABETES MELLITUS TIPO 2 (DM2). PI: GARCÍA KLEPZIG, JOSÉ LUIS.

OGS.28

Associated Clinicals

Competitive Funding

EUR.STOPSTORM. A PROSPECTIVE EUROPEAN VALIDATION COHORT FOR STEREOTACTIC THERAPY OF REENTRANT TACHYCARDIA. PI: ALCÁNTARA CARRIO, MARÍA DEL PINO. Funding organisation: COMISIÓN EUROPEA."

Non Competitive Funding

ECL.21/638. A PHASE 3, LONG-TERM EXTENSION STUDY TO EVALUATE THE SAFETY AND EFFICACY OF IMSIDOLIMAB (ANB019) IN THE TREATMENT OF ADULT SUBJECTS WITH GENERALIZED PUSTULAR PSORIASIS. PI: LÓPEZ BRAN, EDUARDO."

ECL.21/637. A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE EFFICACY AND SAFETY OF IMSIDOLIMAB (ANB019) IN THE TREATMENT OF ADULT SUBJECTS WITH GENERALIZED PUSTULAR PSORIASIS. PI: LÓPEZ BRAN, EDUARDO."

ECL.2019/081. Eficacia, seguridad y tolerabilidad de nangibotida en pacientes con shock séptico. Estudio de selección de dosis, aleatorizado, doble ciego y controlado con placebo / Efficacy, Safety and Tolerability of Nangibotide in Patients with Septic Shock. A Randomized, Double-blind, Placebo Controlled Dose Selection Study. PI: MARTÍNEZ SAGASTI, FERNANDO.

ECL.21/553. ENSAYO CLÍNICO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y CON TRATAMIENTO ACTIVO, PARA EVALUAR LA EFICACIA ANALGÉSICA Y LA SEGURIDAD DE UNA COMBINACIÓN ORAL DE IBUPROFENO (ARGININA)-TRAMADOL HCL ADMINISTRADA A PACIENTES CON DOLOR MODERADO A SEVERO TRAS SOMETERSE A CIRUGÍA DENTAL. PI: MARTÍN -GRANIZO LÓPEZ, RAFAEL.

ECL.22/037. ENSAYO DE FASE 3, ALEATORIZADO, CONTROLADO CON PRINCIPIO ACTIVO, DE 2 GRUPOS PARALELOS, CON ENMASCARAMIENTO PARA EL EVALUADOR Y 24 SEMANAS DE DURACIÓN, PARA COMPARAR LA EFICACIA Y LA SEGURIDAD DE DELGOCITINIB, CREMA DE 20 MG/G DOS VECES AL DÍA, FRENTE A ALITRETINOÍNA, CÁPSULAS UNA VEZ AL DÍA, EN PARTICIPANTES ADULTOS CON ECZEMA DE MANOS CRÓNICO SEVERO. PI: LÓPEZ BRAN, EDUARDO.

ECL.20/354. ESTUDIO COMPARATIVO DEL IMPACTO EN CALIDAD DE VIDA DE LA SBRT VS CIRUGÍA EN PACIENTES CON CARCINOMA NO MICROCÍTICO DE PULMÓN EN ESTADIOS INICIALES. PI: ALCÁNTARA CARRIO, MARÍA DEL PINO.

ECL.21/549. ESTUDIO DE EFICACIA Y SEGURIDAD PARA EVALUAR EL TRATAMIENTO CON NANGIBOTIDA EN PACIENTES CON COVID-19 CON VENTILACIÓN ASISTIDA (ESSENTIAL). PI: MARTÍNEZ SAGASTI, FERNANDO.

ECL.22/313. ESTUDIO DE FASE 2, MULTICÉNTRICO, ALEATORIZADO, CONTROLADO CON PLACEBO, DE BÚSQUEDA DE DOSIS, PARA EVALUAR LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE DISTINTAS DOSIS Y RÉGIMENES POSOLÓGICOS DE ALLOCETRA-OTS PARA EL TRATAMIENTO DE LA FALLA ORGÁNICA EN PACIENTES ADULTOS CON SEPSIS. PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.21/094. Estudio de fase IIb, multinacional, aleatorizado, doble ciego, de grupos paralelos, controlado con placebo, de 24 semanas de duración, con una extensión de 28 semanas para investigar el uso de benralizumab en pacientes con urticaria espontánea crónica que son sintomáticos a pesar del uso de antihistamínicos (ARROYO). PI: LÓPEZ BRAN, EDUARDO.

ECL.21/614. ESTUDIO DE FASE III MULTICÉNTRICO, ALEATORIZADO Y DOBLE CIEGO DE HBI-8000 COMBINADO CON NIVOLUMAB FRENTE A PLACEBO CON NIVOLUMAB EN PACIENTES CON MELANOMA IRRESECCABLE O

FRG.MIS.22. Curso donación en asistolia (XVI EDICIÓN). PI: DEL RÍO GALLEGOS, FRANCISCO JOSÉ. Funding organisation: MINISTERIO DE SANIDAD Y POLÍTICA SOCIAL.

METASTÁSICO NO TRATADOS PREVIAMENTE CON INHIBIDORES DE PD-1 O PD-L1. PI: ANTOÑANZAS BASA, MÓNICA.

ECL.21/781. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO Y COMPARADO CON UN PLACEBO, DE LA SEGURIDAD Y LA EFICACIA DEL AR-301 COMO TRATAMIENTO COMPLEMENTARIO DE LOS ANTIBIÓTICOS EN EL TRATAMIENTO DE LA NEUMONÍA ASOCIADA AL RESPIRADOR (NAR) CAUSADA POR S. AUREUS. PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.19/027. Estudio de resultados sanitarios en la psoriasis (PSOHO): estudio observacional internacional de resultados sanitarios durante 3 años sobre el tratamiento biológico de la psoriasis en placas de moderada a grave. PI: LÓPEZ BRAN, EDUARDO.

ECL.22/257. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE DOSIS ÚNICA PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE SUVRATOXUMAB EN ADULTOS Y ADOLESCENTES CON VENTILACIÓN MECÁNICA PARA LA PREVENCIÓN DE LA NEUMONÍA NOSOCOMIAL. PI: SÁNCHEZ GARCÍA, MIGUEL."

ECL.21/122. ESTUDIO OBSERVACIONAL PROSPECTIVO CON PACIENTES ADULTOS EN TRATAMIENTO CON DUPIXENT PARA LA DERMATITIS ATÓPICA. PI: LÓPEZ BRAN, EDUARDO."

ECL.21/121. LIBRETTO-432: ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALÚA LA ADMINISTRACIÓN ADYUVANTE DE SELPERCATINIB TRAS UN TRATAMIENTO LOCORREGIONAL DEFINITIVO EN PARTICIPANTES CON CPNM EN ESTADIO IB-IIIa QUE PRESENTAN FUSIÓN EN EL GEN RET. PI: ANTOÑANZAS BASA, MÓNICA."

ECL.21/355. RADIOABLACIÓN NO INVASIVA EN TAQUICARDIAS VENTRICULARES (RANIT) - STOPSTORM. PI: ALCÁNTARA CARRIO, MARÍA DEL PINO.

ECL.22/156. ENSAYO CLÍNICO ALEATORIZADO PARA EVALUAR LA UTILIDAD DEL GENOTIPADO DE CYP2D6 PARA MEJORAR LA EFICACIA Y LA SEGURIDAD DEL TRAMADOL EN EL TRATAMIENTO DEL DOLOR POSTOPERATORIO AGUDO. PI: MARTÍN -GRANIZO LÓPEZ, RAFAEL.

21/390-E. EVALUACIÓN DE UN PROTOCOLO DE ASESORAMIENTO GENÉTICO EN LA TOMA DE DECISIONES POR PARTE DEL PACIENTE, ORIENTADO A LA POSIBLE DETECCIÓN Y COMUNICACIÓN DE RESULTADOS NO BUSCADOS AL UTILIZAR LA METODOLOGÍA DE NGS EXOMA. PI: FENOLLAR CORTÉS, MARÍA DEL MAR.

21/444-E. Evaluación de un protocolo de diagnóstico genético en la atención prenatal de las gestantes en riesgo de cromosomopatías durante un periodo de 2 años. PI: FENOLLAR CORTÉS, MARÍA DEL MAR.

18/007-E. PROYECTO DE RECOGIDA DE DATOS CLÍNICOS Y GENÉTICOS DE CARÁCTER PERSONAL EN LA SECCIÓN DE GENÉTICA CLÍNICA. PI: FENOLLAR CORTÉS, MARÍA DEL MAR.

19/274-E. Revisión de resultados de pruebas genéticas y datos clínicos en pacientes afectados de talla baja idiopática con sospecha de mutación en el gen SHOX (1998-2018). PI: FENOLLAR CORTÉS, MARÍA DEL MAR.

OGS.29

Socioeconomic Health Determinants

Non Competitive Funding

PI19/00982. ESTIMACIÓN PRECOZ Y TENDENCIA DEL NÚMERO DE USUARIOS DE HEROÍNA EN ESPAÑA A TRAVÉS DE MÉTODOS INDIRECTOS. PI: JOSÉ PULIDO MANZANERO.

PI21/00907. HISTORIA NATURAL DE LA INFECCIÓN POR SARS-COV-2 EN LAS GESTANTES. PI: LUCÍA CEA SORIANO..

OGS.35

Research in the critical patient

Competitive Funding

EUR.COMBACTE. Combatting Bacterial Resistance in Europe. PI: SÁNCHEZ GARCÍA, MIGUEL. Funding organisation: COMISIÓN EUROPEA.

Non Competitive Funding

EUR.COMBACTE. Combatting Bacterial Resistance in Europe. PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.22/313. ESTUDIO DE FASE 2, MULTICÉNTRICO, ALEATORIZADO, CONTROLADO CON PLACEBO, DE BÚSQUEDA DE DOSIS, PARA EVALUAR LA EFICACIA, SEGURIDAD Y TOLERABILIDAD DE DISTINTAS DOSIS Y RÉGIMENES POSOLÓGICOS DE ALLOCETRA-OTS PARA EL TRATAMIENTO DE LA FALLA ORGÁNICA EN PACIENTES ADULTOS CON SEPSIS. PI: SÁNCHEZ GARCÍA, MIGUEL.

ECL.22/257. ESTUDIO EN FASE III, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO Y DE DOSIS ÚNICA PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE SUVRATOXUMAB EN ADULTOS Y ADOLESCENTES CON VENTILACIÓN MECÁNICA PARA LA PREVENCIÓN DE LA NEUMONÍA NOSOCOMIA. PI: SÁNCHEZ GARCÍA, MIGUEL."

ECL.21/781. ESTUDIO DE FASE III, MULTICÉNTRICO, ALEATORIZADO, CON DOBLE ENMASCARAMIENTO Y COMPARADO CON UN PLACEBO, DE LA SEGURIDAD Y LA EFICACIA DEL AR-301 COMO TRATAMIENTO COMPLEMENTARIO DE LOS ANTIBIÓTICOS EN EL TRATAMIENTO DE LA NEUMONÍA ASOCIADA AL RESPIRADOR (NAR) CAUSADA POR S. AUREUS. PI: SÁNCHEZ GARCÍA, MIGUEL.

Appendix IV

Balance sheet 2023.

N.º CUENTAS	ACTIVO	Notas	2023	2022
	A) ACTIVO NO CORRIENTE		1.640.648,79	11.228.843,16
	I. Inmovilizado intangible	6	10.784,91	16.190,10
206, (2806), (2906)	5. Aplicaciones informáticas		10.784,91	16.190,10
	1. Aplicaciones Informáticas		204.065,74	203.046,69
	2. Amortización acumulada de aplicaciones informáticas		-193.280,83	-186.856,59
212, 213, 214, 215,	III. Inmovilizado material	5	1.629.863,88	1.580.185,83
216, 217, 218, 219,	2. Instalaciones técnicas y otro inmovilizado material		1.629.863,88	1.580.185,83
(2812), (2813), (2814), (2815),	1. Instalaciones técnicas		259.680,13	259.680,13
(2816), (2817), (2818), (2819),	2. Maquinaria		4.907.562,83	4.327.247,74
(2912), (2913), (2914), (2915),	4. Otras instalaciones		576.091,97	557.001,42
(2916), (2917), (2918), (2919)	5. Mobiliario		245.324,14	240.132,37
	6. Equipos para procesos de información		522.434,13	434.826,83
	9. Amortización acumulada de instalaciones técnicas		-142.220,21	-93.560,21
	10. Amortización acumulada de maquinaria		-3.600.258,84	-3.082.083,91
	12. Amortización acumulada de otras instalaciones		-530.586,53	-504.254,57
	13. Amortización acumulada de mobiliario		-190.265,41	-173.681,58
	14. Amortización acumulada de equipos procesos información		-417.898,33	-385.122,39
	VI. Inversiones financieras a largo plazo			9.632.467,23
2515, 261	3. Valores representativos de deuda		0,00	9.632.467,23
	3. Valores representativos de deuda a largo plazo		0,00 0,00	9.632.467,23
	B) ACTIVO CORRIENTE		27.123.657,36	18.271.444,99
	II. Existencias		30.266,75	31.518,17
407	6. Anticipos a proveedores		30.266,75	31.518,17
	1. Anticipos a proveedores		30.266,75	31.518,17
447,448, (495)	III. Usuarios y otros deudores de la actividad propia		1.454.482,06	1.671.939,71
	IV. Deudores comerciales y otras cuentas a cobrar		265.020,95	503.088,44
440,441,446,449	3. Usuarios y deudores varios		58.251,82	6.000,00
	1. Deudores		58.251,82	6.000,00
4700,4707,4708,471,472	6. Otros créditos con las administraciones públicas		206.769,13	497.088,44
	3. Hacienda Pública, deudora por subvenciones concedidas		206.769,13	495.345,55
	4. Organismos de la Seguridad Social, deudores		0,00	1.742,89
	6. Hacienda Pública, retenciones y pagos a cuenta		0,00	0,00
	VI. Inversiones financieras a corto plazo		11.936.743,94	69.845,43
541, 546	3. Valores representativos de deuda		11.936.743,94	69.845,43
	3. Valores representativos de deuda a CP		11.936.743,94	69.845,43
	VIII. Efectivo y otros activos líquidos equivalentes		13.437.143,66	15.995.053,24
570,571,572,573,574,575	1. Tesorería		13.437.143,66	15.995.053,24
	1. Caja euros		94,24	234,19
	3. Bancos e instituciones de crédito c/c vista, euros		13.437.049,42	15.994.819,05
	TOTAL ACTIVO (A + B)		28.764.306,15	29.500.288,15

Balance sheet 2023.

N.º CUENTAS	PATRIMONIO NETO Y PASIVO		Notas	2023	2022
	A)	PATRIMONIO NETO		1.640.648,79	11.228.843,16
	A-1)	Fondos Propios		3.522.458,39	3.434.490,58
100	I.	Dotación Fundacional		30.109,78	30.109,78
	1.	Dotación fundacional		30.109,78	30.109,78
	II.	Reservas		817.516,19	817.516,19
113,114,115	2.	Otras reservas		817.516,19	817.516,19
	III.	Excedentes de Ejercicios anteriores		2.586.864,61	2.529.357,46
120	1.	Remanente		2.586.864,61	2.529.357,46
(121)	2.	Excedentes negativos de ejercicios anteriores		0,00	0,00
129	IV.	Resultado del Ejercicio		87.967,81	57.507,15
	A-2)	Ajustes por cambios de valor	8.1	0,00	0,00
133	I.	Activos financieros disponibles para la venta		0,00	0,00
	A-3)	Subvenciones, donaciones y legados recibidos	17	1.314.337,94	1.189.975,56
130, 1320	I.	Subvenciones		697.700,38	459.723,52
	1.	Subvenciones oficiales de capital		680.637,71	420.746,90
	2.	Otra subvenciones		17.062,67	38.976,62
131, 1321	II.	Donaciones y legados		616.637,56	730.252,04
	1.	Donaciones y legados de capital		36.729,63	51.903,24
	2.	Otras donaciones y legados		579.907,93	678.348,80
	B)	PASIVO NO CORRIENTE		9.643.386,79	10.259.919,31
	I.	Provisiones a largo plazo		11.879.229,51	11.920.798,48
141, 142, 143	4.	Otras provisiones		11.879.229,51	11.920.798,48
	2.	Provisión para otras responsabilidades		11.879.229,51	11.920.798,48
	II.	Deudas a largo plazo		2.404.893,52	11.920.798,48
172	5.	Otros pasivos financieros		2.404.893,52	2.695.104,22
	4.	Deudas a L/P transformables en subvenciones, donaciones y legados		2.404.893,52	2.695.104,22
	C)	PASIVO CORRIENTE		9.643.386,79	10.259.919,31
	II.	Provisiones a corto plazo		2.448.364,63	2.744.835,23
499	1.	Provisiones por operaciones de la actividad		2.448.364,63	2.744.835,23
	III.	Deudas a corto plazo		5.124.210,82	5.766.254,84
522	5.	Otros pasivos financieros		5.124.210,82	5.766.254,84
	6.	Deudas a C/P transformables en subv., donaciones y legados		5.124.210,82	5.766.254,84
412	V.	Beneficiarios - Acreedores		773.922,32	650.000,00
	VI.	Acreedores comerciales y otras cuentas a pagar		1.296.889,02	1.098.829,24
400	1.	Proveedores		26.803,08	10.840,68
	1.	Proveedores		26.803,08	10.840,68
410	3.	Acreedores varios		39.895,92	121.866,32
	1.	Acreedores por prestación de servicios		39.895,92	121.866,32
465, 466	4.	Personal (remuneraciones pendientes de pago)		-1.332,86	23.391,70
	1.	Remuneraciones pendientes de pago		-301,52	132,34
	2.	Remuneraciones mediante sistemas de aportación definida, pendientes de pago		-1.031,34	23.259,36
4750,4751,4758,476,477	6.	Otras deudas con las Administraciones Públicas		338.728,20	311.993,23
	1.	Hacienda Pública, acreedora por IVA		70.739,89	11.510,85
	2.	Hacienda Pública, acreedora por retenciones practicadas		90.238,00	108.546,32
	5.	Organismos de la Seguridad Social, acreedores		177.750,31	191.936,06
438	70	Anticipos recibidos		892.794,68	630.737,31
	TOTAL PATRIMONIO NETO Y PASIVO (A + B + C)			28.764.306,15	29.500.288,15

Appendix IV: Methodological notes

Scientific production

Source of information: Web of Science (WoS) Core Collection.

Time frame: 2023 and 2019-2023.

Agregation level: IdISSC and scientific areas formed by the actual research groups.

Scientific production analysis:

Nº of papers WoS: This indicator includes all the scientific production of the IdISSC indexed in the WoS.

Nº of citable items: This indicator includes two document type such as article and review.

Weight of scientific production: The annual percentage of the weight of scientific production of the IdISSC areas has been calculated in relation to the total of IdISSC WoS production.

Document Type: This indicator includes all the WoS document types by IdISSC area and by Institute.

Open Access (OA): This indicator includes the number of documents published in OA.

Impact analysis

Most cited papers: This analysis includes the top 10 most cited papers of the IdISSC scientific production between 2019-2023. In this case the indicators included are Quartil and position in the WoS Category, Article Influence score and Impact Factor. The reference JCR is that of the year of publication of the document.

Times cited: Number of cites per document and the average of cites per document.

Cites by year: This indicators counts the cites of the IdISSC scientific production each year and beetwen 2019 and 2023 period.

Visibility analysis

Scientific production by quartile: Scientific production by quartile: The level of groups, the data are based on 2022 JCR and the aggregation level its by IdISSC and scientific área the data are based on 2023 JCR.

Scientific production by first decile: These types of journals are among the first 10% of the JCR. In this case the reference JRC is that of 2022.

Top journals: This analysis includes the top of scientific journals in which ours researchers most publish during 2023 and the agregation level its by IdISSC and scientific area. In this case the indicators included are nº of papers (WoS), nº of citable items, times cited, quartil 2023 and WoS category position, Article Influence Score, Journal Citation Indicator and Impact factor whitout self citations.

Scientific Collaboration

Aggregation level: By country, by center and by author

Keyword analysis.

Software: VOSviewer (developed by the CWTS of the University of Leiden)

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