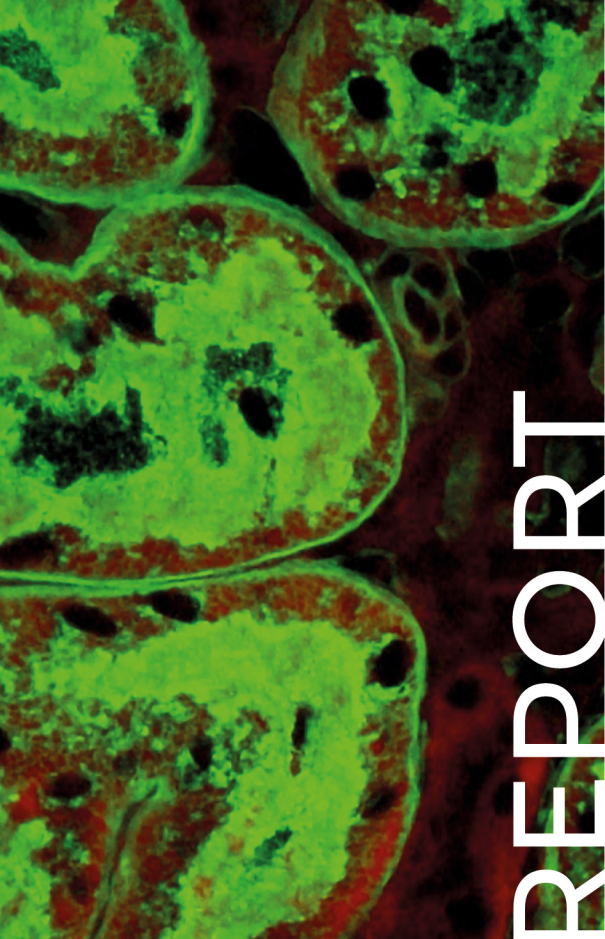
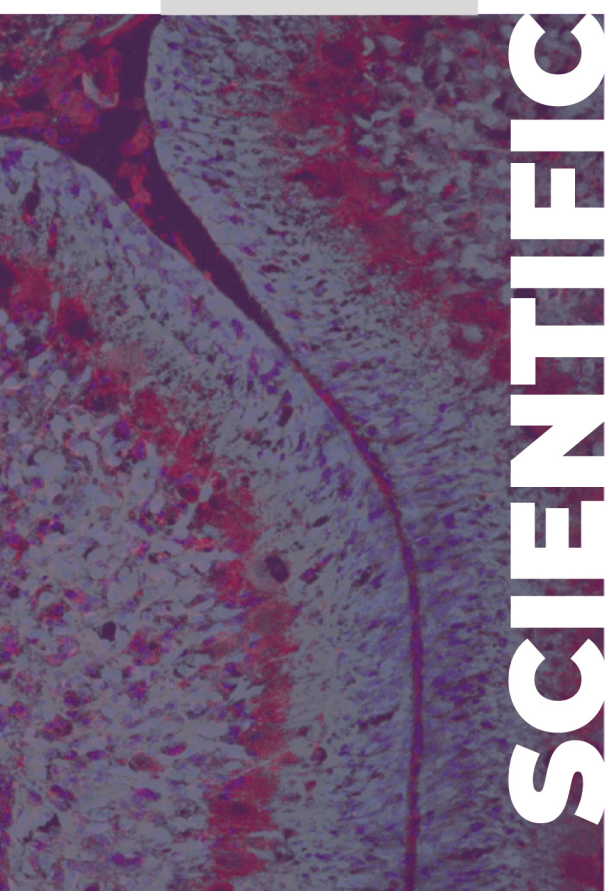




REPORT



2020



SCIENTIFIC





IdISSC



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Acknowledgments:

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

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LETTER FROM THE SCIENTIFIC MANAGEMENT

The year began with every promise of a new era, a new 2020 horizon. But the joy did not last. Then the unthinkable happened and certainly the dawning of a new era started, although not in the expected way. Health professionals strived to deliver the best care, a long-term intervention under increasing pressure to detect, combat and manage the outbreak. At the same time, the relentless work of the research community provided evidence of the crucial importance of collaborative efforts to respond quickly to this emerging health threat.

As expected, a contribution to address the situation came from IdISSC researchers. In the middle of the Covid-19 soar, a total of 214 project applications were launched, 40 of them to international funding. Some were directly focused on the fight against Covid-19, and others tried to keep alive established research lines despite the massive disruption that coronavirus caused. More than 1130 documents were published, mainly in open access and in the most reputed scientific journals: New England of Journal of Medicine, Science, Lancet...

Serving in the frontline of the pandemic, IdISSC researchers conducted 436 clinical trials, half of them related with Covid-19 pathology. The challenge to discover an effective treatment was embraced with national leadership by incorporating to the "Solidarity" trial promoted by the World Health Organization. The answer to the urgent need of an appropriately vaccinated population was also undertaken, and IdISSC was one of the five institutions appointed by the Institute of Health Carlos III to join the CombiVacS study.

The unprecedented scientific synergy we witnessed during this year among academics and clinicians showed that breaking down silos reach transformative changes. Another good example of the importance of collaboration and shared commitment to health and society was the development by one of the IdISSC groups based in the Center for Biomedical Technology of a rapid and reliable test capable of detecting SARS-CoV-2 immunoglobulins in serum and saliva samples, allowing the access to a cost-effective surveillance method.

The global rise of COVID-19 profoundly impacted medical trainees and graduate students, and even though the pandemic did not leave anyone unscathed, their research, practice, and learning showed how to turn crisis into opportunity and helped by their mentors managed to defend 23 doctoral thesis.

Tired though everyone is, the pandemic brings a unique opportunity to recreate processes for the generation and use of research evidence and so ensure one better world. This would be a powerful legacy of harsh times.

Elena Urcelay García

Scientific Director (IdISSC)



From left to right, **Joana Modolell Aguilar** *Director (FIB HCSC)*, **José Soto Bonel** *President (FIB HCSC)* and **Elena Urcelay García** *Scientific Director (IdISSC)*.

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

Promoting and consolidating the activities of biomedical research from groups within the Institute, building an organization of excellence for the generation of scientific knowledge oriented to health care practice, and thus, improving the citizens health through the interrelation of basic and clinical research, integration of resources, the encouraging of innovation and internationalization, as well as the training and recognition of researchers and support staff, all underpinned by a dynamic management, based on continuous improvement and learning.

View

Being an organization of scientific excellence with international visibility, conducting network research, and with a commitment to innovation and technological development through the development of a sustainable research and the promotion of gender equality and the cooperation with developing countries.

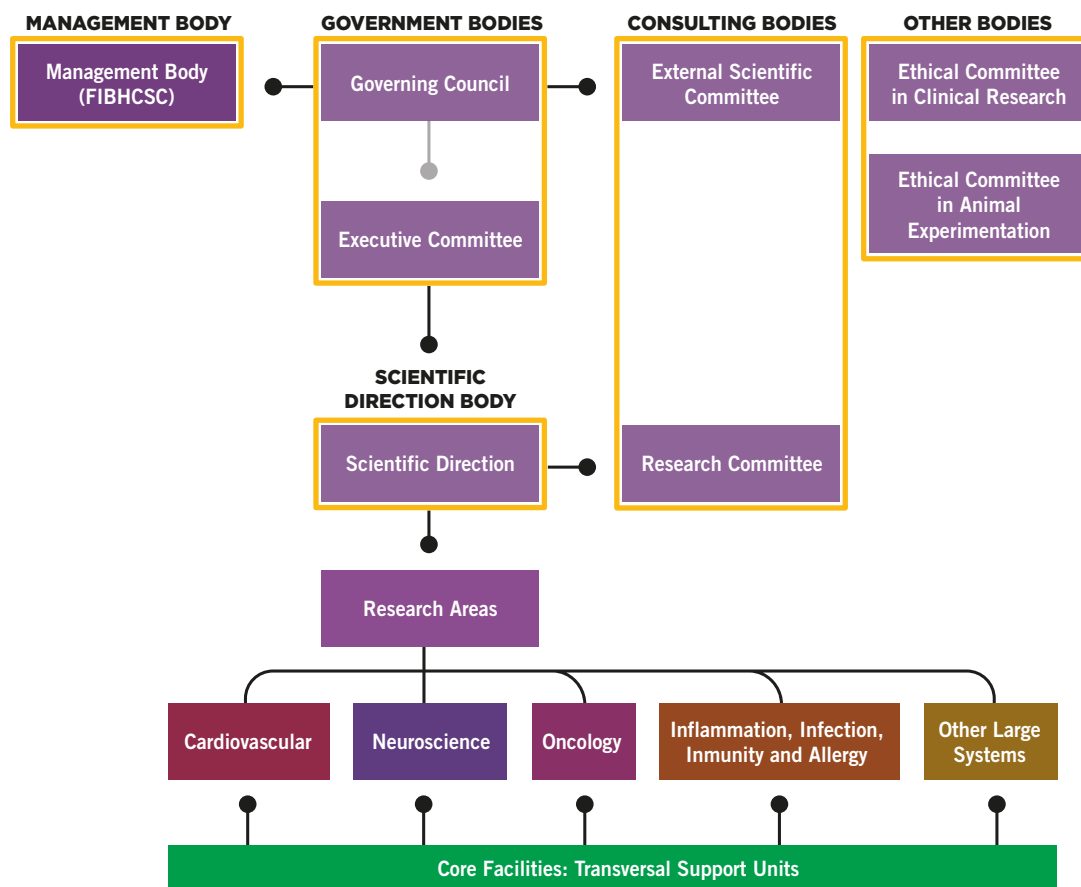
Values

The values of the Health Research Institute of the Hospital Clínico are the accessibility, transparency, dedication to service and respect. In all, the research groups of interest of the Institute are:

- > Citizens: the reason and ultimate goal of the research.
- > Researchers: basic actors for the achievement of results.
- > Participating institutions: the parents of researcher's corporate environment, without which the development of the mission would be impossible.
- > Public and private funding agencies: essential for the development of the activity and regulators of performance standards.
- > Entities providing related services and business developers: elements able to support the final application of research in the social sphere.

IdISSC ORGANISATION AND RESEARCH STRUCTURE

Organisational chart



Governance and structure

Governance is exercised through the following boards and committees:

THE BOARD OF GOVERNORS	
President	
Manuel Molina Muñoz	Full position at SERMAS
Vicepresident	
Asunción Gómez Pérez	Chancellor of the Universidad Politécnica de Madrid (UPM)
Margarita San Andrés Moya	Chancellor of the Universidad Complutense de Madrid (UCM)

THE BOARD OF GOVERNORS

Members

José Luis Álvarez-Sala Walther	Member of the Department of Health
Javier Arias Díaz	President of the Research Committee of HCSC
Teresa Chavarría Giménez	Member of the Directorate General of de Planning, Research and Training
Mar García Arenillas	President of the Clinical Research Ethics Committee
Juan Angel Jover Jover	Member of the Department of Health
Carlos Macaya Miguel	Member of the Department of Health
Julio Mayol Martínez	Member of the Universidad Complutense de Madrid
Joaquín Poch Broto	Member of the Department of Health
Enrique Rey Díaz-Rubio	President of the FIBHCSC Scientific Committee
Manuel Serrano Ríos	President of the FIBHCSC Advisory Board
José Francisco Soto Bonel	Director of the Hospital Clínico San Carlos
Elena Urcelay García	Scientific Director of IdISSC

Secretary

Joana Modolell Aguilar	Director of FIB HCSC
------------------------	----------------------

DELEGATED COMMITTEE

President

José Francisco Soto Bonel	Director of the Hospital Clínico San Carlos
---------------------------	---

Secretary

Joana Modolell Aguilar	Director of FIB HCSC
------------------------	----------------------

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

THE SCIENTIFIC ADVISORY BOARD

José Luis Ayuso Mateos	<i>Hospital Universitario de la Princesa</i>
Lisardo Boscá Gomar	<i>Instituto de Investigaciones Biomédicas Alberto Sols (CSIC-UAM)</i>
Juan Iovanna	<i>DRCE INSERM), Center of Research in Cancerology of Marseille (CRCM)</i>
Maria Isabel Loza	<i>ERIC EU-OPENSCREEN</i>
Matilde Sánchez Ayuso	<i>Centro de Investigaciones Biológicas (CIB) del CSIC</i>
Antonio Sarria	<i>ISCIII</i>

THE SCIENTIFIC ADVISORY COMMITTEE

Elena Urcelay	President	Alberto Marcos Dolado	Member
Magdalena Torres	Vicepresident	Nieves Martell	Member
Emilio Vargas Castrillón	Secretary	Javier Martín Sánchez	Member
Lydia Abasolo Alcázar	Member	Ángel Nieto	Member
Manuel Fuentes Ferrer	Member	Ismael Ortuño Soriano	Member
Enrique Gómez Aguilera	Member	Leopoldo Pérez de Isla	Member
Miguel de la Hoya	Member	Iñigo Sagastagoitia Fornie	Member
María Luaces Méndez	Member	Susana Sánchez-Gil	Member
Víctor Maojo	Member	Guillermo Velasco	Member

IdISSC Technical Unit

Joana Modolell Aguilar	Director of FIB HCSC
Susana Sánchez Gil	Technical Secretary for Research of IdISSC
Carmen Martínez Valero	IdISSC Manager
Marina López Pérez	International Projects Management
Margarita Idoia Esnaola Zabala	National Projects Management
Alba Sáez López	Support technician for call management and promotion
Sara Villegas de la Fuente	Legal manager and data protection
Pilar Martín-Toledano Gallego	Donations and Own Projects Management
Pilar Orozco Alonso	Clinical Trials Management
Amalia Díaz-Rubio Amate	Legal Department and Research and Development Transfer
Patricia Rodríguez Lega	Clinical Trial Contract Management
Irene Díaz González	Legal Department
Fernando Blanco Andrino	Economic and Financial Administration
Esther Olmedilla María	Human Resources Management
Miguel Horcajuelo Rivera	
Esther Santamaría Herrera	
Carolina García Espinosa	
Carmen Parrilla Sánchez-Rebato	
	Administrative Support



RESEARCH STRUCTURE

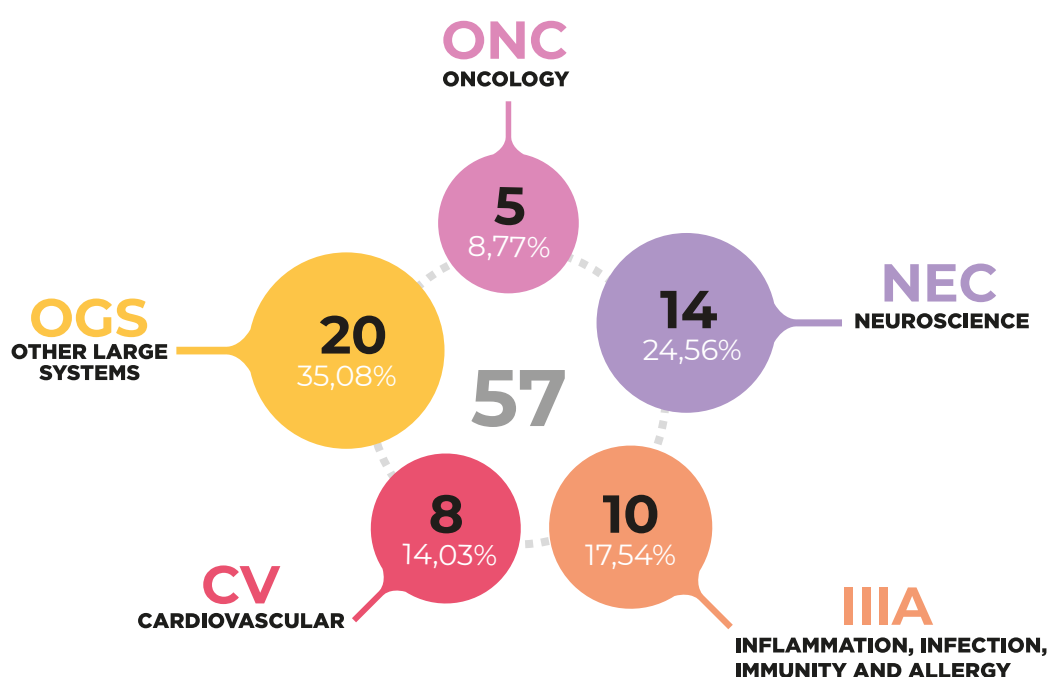
It is structured in five thematic vertical areas and one transversal support area.

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

- > 8 groups in the Cardiovascular Area: *Research area lead, María Luaces Méndez*
- > 10 groups Inflammation, Infection, Immunity, and Allergy Area: *Research area lead, Lydia Abásolo Alcázar*
- > 14 groups in the Neuroscience Area: *Research area lead, Alberto Marcos Dolado*
- > 5 groups in the Oncology Area: *Research area lead, Miguel de la Hoya Mantecón*
- > 20 groups in the Area Other Large Systems: *Research area lead, Ismael Ortuño Soriano*
- > 16 Transversal Research Support Units

Research groups by area

The IdISSC is made up of 57 research groups and 18 transversal research support units, in addition to the technical support units of the UCM and the UPM. During 2020, the structure that was approved at the end of 2019 has been maintained after the restructuring process of 10 groups, continuing with the application of two criteria: thematic affinity and emerging group.



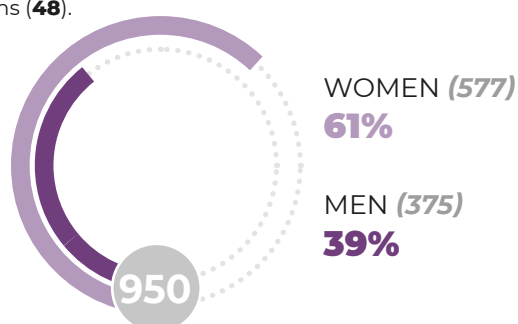
RESEARCH SUPPORT UNITS	RESEARCH AREA LEADS
Flow Cytometry Unit (UCIF)	<i>Dulcenombre Gómez Garre</i>
Genomics Unit:	
Genomics and Microarrays Laboratory	<i>Beatriz Pérez-Villamil</i>
Molecular Oncology Laboratory	<i>Guillermo Velasco Díez</i>
Immunogenetics and Sequencing Laboratory	<i>Miguel Fernández Arquero</i>
Microbiota Laboratory	<i>Dulcenombre Gómez Garre.</i>
Experimental Medicine and Surgery Unit: (Animal House, Laboratories and Operating Rooms) (UMECE)	<i>Pablo Antonio González López</i>
	<i>María Cruz Rodríguez-Bobada González del Campo</i>

RESEARCH AREAS	RESEARCH AREA LEADS
Research Methodological Support Unit (UAMI)	Manuel Fuentes Ferrer.
Biobank	Luis Ortega Medina
Innovation Support Unit (UI)	Julio Ángel Mayol Martínez
Support unit for research ethics and clinical trial coordination committees (UACE)	M ^a Mar García Arenillas
Clinical Research and Clinical Trials Unit (UICEC)	Antonio Portolés Pérez
Pharmacy Support Unit: Research Medication Management (UFAR)	José Manuel Martínez Sesmero
Cell Therapy Unit. Clean Room	Pilar Tornero Esteban
Laboratories, Offices and Clinical Services for Research Support (LABSERCLI)	
Institute of Laboratory Medicine	Mercedes Martínez-Novillo González
Nuclear Medicine Department	Jose Luis Carreras Delgado
Radiodiagnosis Department	Juan Arrazola García
Phase I and Clinical Pharmacology Studies Unit (UFARCLI)	Antonio Portolés Pérez
Cell Response and Function Unit (URECEL)	Elena Urcelay García Eduardo Anguita Mandly
Transversal Units of the Universidad Complutense de Madrid	http://www.idissc.org/investigacion-servicios-unidades-soporte-investigacion.php
Transversal Units of the Universidad Politécnica de Madrid	http://www.ctb.upm.es/core-facilities/
	NEW 2020

HUMAN RESOURCES

Researchers attached to the IdISSC

During 2020, the IdISSC staff comprised a total of **950** professionals, including researchers (**773**), support technicians (**129**) and administrative technicians (**48**).

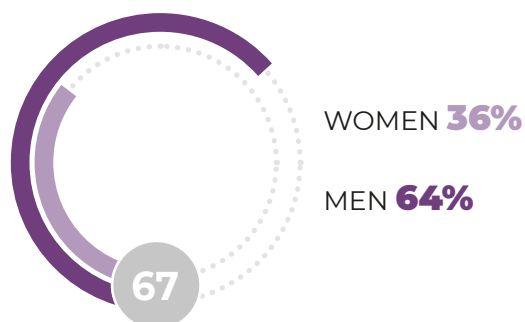


Investigator Personnel

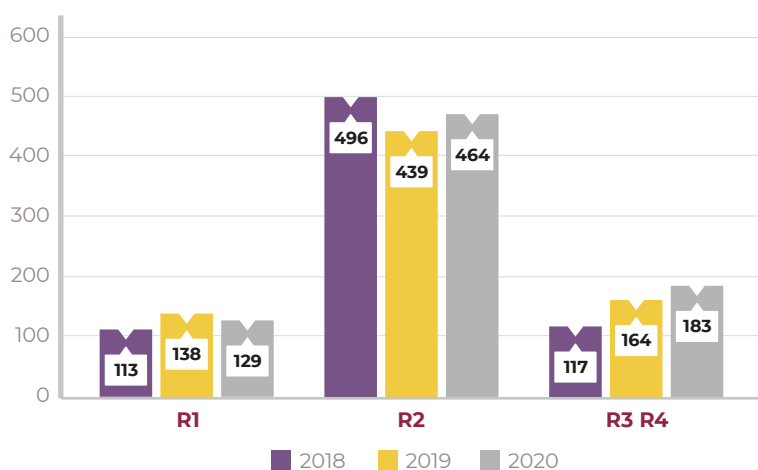
♀ **436** (56,4%) ♂ **337** (43,6%)

TOTAL 773	R1	89 (71%)	37 (29%)	128 (16%)
	R2	269 (58%)	195 (42%)	464 (60%)
	R3	55 (51%)	53 (49%)	108 (14%)
	R4	23 (31%)	52 (69%)	75 (10%)

Project Principal Investigator

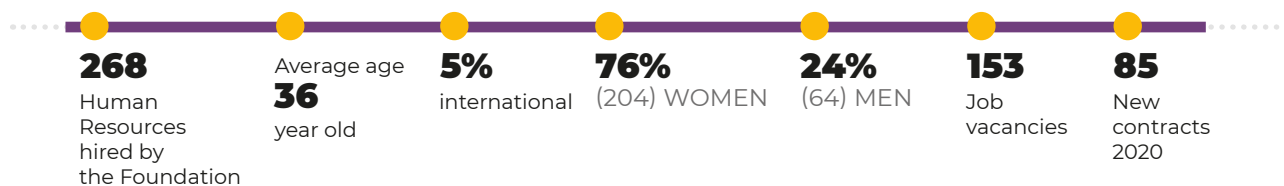


Evolution of Investigators classified by European Research Carrier R1-R4



Human resources hired by the foundation

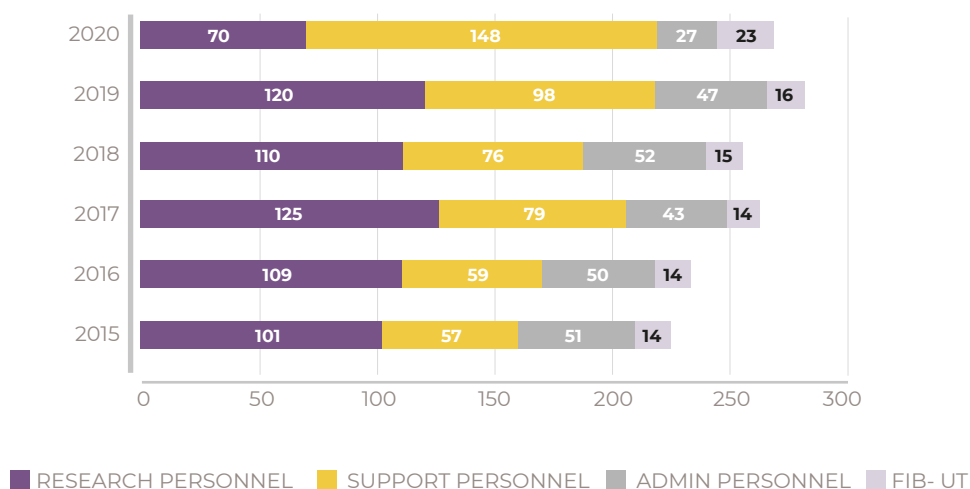
The following describes the accumulated human capital and activity data during 2020.



Distribution of accumulated Human Resources hired by the Foundation

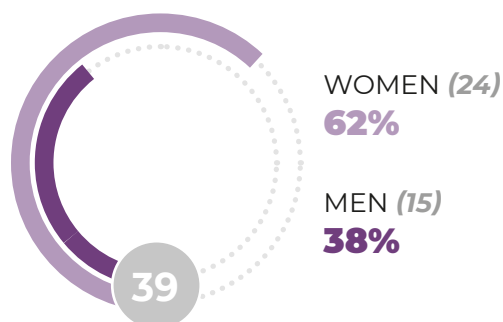
FIB-HCSC CATEGORY	TOTAL
TOTAL ADMIN SUPPORT PERSONNEL	27
TOTAL SUPPORT PERSONNEL	148
TOTAL RESEARCH PERSONNEL	70
FIB- TECHNICAL & DIRECTOR UNIT	23
Total	268

Evolution Human Resources hired by the Foundation



Staff financed through competitive calls for proposals

Staff employed during the year 2020:



2 MIGUEL SERVET CONTRACTS TYPE -II

INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN

	MSII17/00014	LUIS RODRÍGUEZ RODRÍGUEZ
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1 PRE-DOCTORAL CONTRACT FOR THE TRAINING OF PhDs- FPI

MINISTERIO DE CIENCIA E INNOVACIÓN

	BES-2016-077297	ATOCHA GUEDÁN DURÁN
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1 DOCTORAL CONTRACT IIS- – i-PFIS ENTERPRISE IN HEALTH SCIENCES AND TECHNOLOGIES

INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN

	IFI18/00036	ESTIBALIZ GABICAGOGEASCOA CORTA
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6 CONTRACTS FOR PRE-DOCTORAL AND POST-DOCTORAL RESEARCHERS 2019**CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN – Comunidad de Madrid**

 CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN Comunidad de Madrid	PEJD-2019-PRE/BMD-15101	MARÍA CORZO MARTÍNEZ
	PEJD-2019-PRE/BMD-16644	ELENA MARIA TOVAR AMBER
	PEJD-2019-PRE/BMD-15396	NOELIA ESTEBAN GARCIA
	PEJD-2019-PRE/SAL-16999	IGNACIO CALLEJAS CABALLERO
	PEJD-2019-PRE/BMD-16263	LUIS CARLOS FERNANDEZ BELTRAN
	PEJD-2019-PRE/SAL-16662	JUDITH ABARCA ZABALIA

3 CONTRACTS FOR THE INTENSIFICATION OF RESEARCH ACTIVITY IN THE SNS**INSTITUTO DE SALUD CARLOS III - MINISTERIO DE CIENCIA E INNOVACIÓN**

	INT19/00035	BENJAMÍN FERNANDEZ GUTIERREZ
	INT19/00040	LUIS NOMBELA FRANCO
	INT19/00007	ANTONIO FERNÁNDEZ ORTIZ

1 STABILISATION PROGRAMME CONTRACT I3**CONSEJERÍA DE SANIDAD- Comunidad de Madrid**

 Comunidad de Madrid CONSEJERÍA DE SANIDAD	CESI307/004	ELENA URCELAY GARCÍA
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4 STABILISATION PROGRAMME CONTRACTS I3SNS**CONSEJERÍA DE SANIDAD- Comunidad de Madrid**

 Comunidad de Madrid CONSEJERÍA DE SANIDAD	CES06/001	MIGUEL DE LA HOYA MANTECON
	CES07/029	DULCENOMBRE GOMEZ GARRE
	MSII13/00009	ROBERTO ÁLVAREZ LAFUENTE
	MSII14/00019	MARÍA CONCEPCIÓN PARDO DE VERA

5 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, JUVENTUD Y DEPORTE– Comunidad de Madrid

 CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE Comunidad de Madrid	PEJD-2017-POST/SAL-4807	PILAR LÓPEZ-COTARELO GARCÍA DE DIEGO
	PEJ-2017-AI/BMD-6864	ANDREA SANTOS CÁCERES
	PEJ-2017-TL/SAL-6350	SAÚL HORTA HERRERA
	PEJ-2017-TL/BMD-7371	RAUL CAMPOS FERNÁNDEZ
	PEJ-2017-TL/BMD-6493	MARTA COLMENA GARCÍA

7 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

 CONSEJERIA DE EDUCACIÓN E INVESTIGACIÓN Comunidad de Madrid	PEJD-2018-PRE/BMD-9080	VÍCTOR LORCA CASTELLANOS
	PEJD-2018-PRE/BMD-9468	IRENE GONZALO MAGRO
	PEJD-2018-PRE/BMD-8287	RUBÉN GÓMEZ-GORDO GARCÍA
	PEJD-2018-PRE/BMD-9550	CARLA PÉREZ INGIDUA
	PEJ-2018-AI/BMD-11326	IGOR GREGORIO LÓPEZ CADE
	PEJ-2018-TL/BMD-10392	NOELIA PAREDES DÍAZ
	PEJ-2018-TL/BMD-11426	LOURDES ÁLVAREZ CALLEJO

3 CONTRACTS Promotion of youth employment and implementation of the Youth Guarantee in R&D&I in the State Sub-programme for Incorporation, of the State Programme for the Promotion of Talent and its Employability in R&D&I, within the framework of the State Plan for Scientific and Technical Research and Innovation 2017-2020.

MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

 GOBIERNO DE ESPAÑA MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD	PEJ2018-003125-A	ADELA GONZALEZ JIMENEZ
	PEJ2018-004111-A	TANIA CALVO LOPEZ
	PEJ2018-001691-A	ALBA SÁEZ LÓPEZ

1 RESEARCH MANAGEMENT CONTRACT IN HEALTH RESEARCH INSTITUTES

ISCIII - MINISTERIO DE CIENCIA E INNOVACIÓN

 GOBIERNO DE ESPAÑA MINISTERIO DE CIENCIA E INNOVACIÓN	 ISCIII Instituto de Salud Carlos III	GIS17/00015	CARMEN MARTÍNEZ VALERO
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2 TECHNICAL SUPPORT STAFF CONTRACTS

MINISTERIO DE CIENCIA E INNOVACIÓN

 GOBIERNO DE ESPAÑA MINISTERIO DE CIENCIA E INNOVACIÓN	PTA-2015-11718-I	LIDIA FERNÁNDEZ PAREDES
	PTA2017-13618-I	GUILLERMO MEJÍAS MARTÍNEZ

1 UNIVERSITY TEACHER TRAINING PROGRAMME CONTRACT -FPU

MINISTERIO DE UNIVERSIDADES

 GOBIERNO DE ESPAÑA MINISTERIO DE UNIVERSIDADES	FPU16/00969	SILVIA PÉREZ PÉREZ
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2 TALENT ATTRACTION CONTRACTS MODALITY I

CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE – Comunidad de Madrid

CONSEJERÍA DE EDUCACIÓN,
JUVENTUD Y DEPORTE

Comunidad de Madrid

2016-T1/BMD-1051

PETROS PAPADOPOULOS

CONSEJERÍA DE EDUCACIÓN E INVESTIGACIÓN –Comunidad de Madrid

CONSEJERÍA DE EDUCACIÓN
E INVESTIGACIÓN

Comunidad de Madrid

2018-T1/BMD-10731

SILVIA CORROCHANO SANCHEZ

RESEARCH PROJECT

Competitive Research (Including funding from public and private agencies)

214

TOTAL NUMBER
OF GRANT
APPLICATIONS

45

TOTAL NUMBER
OF GRANTS
AWARDED

21%

GENERAL
SUCCESS RATE

NATIONAL GRANT APPLICATIONS

174

TOTAL NUMBER
OF GRANT
APPLICATIONS

39

TOTAL NUMBER
OF GRANTS
AWARDED

22%

GENERAL
SUCCESS RATE

TOTAL FUNDING ACHIEVED: 4.076.421,80 € (24 % WOMEN)

INTERNATIONAL GRANT APPLICATIONS

40

TOTAL NUMBER
OF GRANT
APPLICATIONS

6

TOTAL NUMBER
OF GRANTS
AWARDED

15%

GENERAL
SUCCESS RATE

TOTAL FUNDING ACHIEVED: 1.128.785,00 € (60 % WOMEN)

Projects grants awarded in competitive calls 2020

INTERNATIONAL

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
European Comission	SCI-PHE-CORONAVIRUS-2020-2B	COVID eXponential Programme	3054908	Rodríguez Rodríguez, Luis	IIIA.3
	IMI2-2019-18-two-stage	Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment	945334	Luaces Mendez, María	UTS.6 UI
	IMI1 -2018 -15 -06 Call 06 Call -Digital Endpoints in neurodegenerative and immune-mediated diseases	Identifying Digital Endpoints to Assess Fatigue, Sleep and acTivity daily living in Neurodegenerative disorders and Immune-mediated inflammatory diseases – IDEA-FAST	853981	Portolés Pérez, Antonio	UTS.8 UICEC
	Horizon 2020 - SCI-DT-ICT-12-2021	Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe	101017331	Luaces Mendez, María	UTS.6 UI
	Horizon 2020 - SCI-BHC-08-2020	A prospective european validation cohort for stereotactic therapy of reentrant tachycardia	SEP-210653204	Alcántara Carrio, María Del Pino	OGS.28
	IMI2 - Call 10	Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen	777389	Araceli Corredera Sánchez Portolés Pérez, Antonio	NEC.22 UTS.8 UICEC

NATIONAL

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
Colegio profesional de fisioterapeutas de la Comunidad de Madrid	Grant for Research in Physiotherapy and COVID-19 of the Professional Association of Physiotherapists of the Community of Madrid	Effects of respiratory muscle training on quality of life, physical and pulmonary function and psychological state in patients who have overcome COVID-19	20/715-E_BS	PLAZA MANZANO, GUSTAVO	OGS.18
Consejería De Educación, Juventud Y Deporte	Grants for researchers under modality 1 of the programme for attracting research talent of the Community of Madrid, for their recruitment and performance of R&D activities for an additional period of one year.	Community of Madrid Fifth Year "Attracting talent" Modality I.	2020-5A/BMD-19731	PAPADOPOULOS, PETROS	OGS.24
Universidad Autónoma De Madrid	EPID Basic/Translational Research Fellowships 2020	Telomerase and Telomeres in Idiopathic Pulmonary Fibrosis (IPF) and other Diffuse Interstitial Lung Diseases (DILD)	AGM. EPID.20	GÓMEZ MARTÍNEZ, ANA MARÍA	ONC2
Instituto De Salud Carlos III	Strategic Action on Health Grants 2020	Sara Borrel: Francisco Jose Cimas Felipe	CD20/00037	OCAÑA FERNANDEZ, ALBERTO	ONC.1
	Strategic Action on Health Grants 2020	Rio Hortega: Alicia Leiva	CD20/00157	MATÍAS-GUÍU ANTEM, JORDI	NEC.6

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
Instituto De Salud Carlos III	Strategic Action on Health Grants 2020	Rio Hortega: Angela Carolina Espejo Paeres	CM20/00013	ESCANED BARBOSA, JAVIER	CV.1
	Strategic Action on Health Grants 2020	Rio Hortega: Kissy Guevara-Hoyer	CM20/00098	SÁNCHEZ RAMÓN, SILVIA	IIIA.12
	Strategic Action on Health Grants 2020	Rio Hortega: Niki Oikonomopoulou	CM20/00134	MARTINEZ ORGADO, JOSE	NEC22
	Strategic Action on Health Grants 2020	Rio Hortega: Josue Avecillas Chasin	CM20/00246	BARCIA ALBACAR, JUAN ANTONIO	NEC.5
	RESEARCH PROJECTS ON SARS-COV-2 AND COVID 19 DISEASE	An international randomised trial to evaluate unlicensed treatments for COVID-19 in hospitalised patients receiving conventional COVID treatment offered in each hospital	COV20/00612	ESTRADA PÉREZ, VICENTE	IIIA.9
	Strategic Action on Health Grants 2020	MIGUEL SERVET I: Cristina Nombela Otero	CP20/00162	NOMBELA OTERO, CRISTINA	ONC.5
	Strategic Action on Health Grants 2020	PFIS CONTRACTS: MARIA VALLES SALGADO	FI20/00145	MATÍAS-GUÍU ANTEM, JORDI	NEC.6
	Strategic Action on Health Grants 2020	PFIS CONTRACTS: ADRIÁN SANVICENTE GARCIA	FI20/00186	OCAÑA FERNANDEZ, ALBERTO	ONC.1
	Strategic Action on Health Grants 2020	PFIS CONTRACT: SUBHI-ISSA MARIN, NABIL ALBERTO	FI20/00246	SÁNCHEZ RAMÓN, SILVIA	IIIA.12
Ministerio De Sanidad Y Política Social	Grants to non-profit organisations for the promotion of organ, tissue and cell donation and transplantation	COURSE ON ASYSTOLE DONATION (14th edition)	FRG.20.MIS	DEL RÍO GALLEGOS, FRANCISCO JOSÉ	OGS.28
Instituto De Salud Carlos III	Independent Clinical Research Projects 2020	Amantadine and transcranial magnetic stimulation for fatigue in multiple sclerosis: A phase III, controlled, randomised, crossover, double-blind trial	ICI20/00074	MATÍAS-GUIU GUIA, JORGE	NEC.6
	Strategic Action on Health Grants 2020	Contracts for the intensification of research activity in the NHS: Jose Martínez Orgado	INT20/00047	MARTINEZ ORGADO, JOSE	NEC.22
	Strategic Action on Health Grants 2020	Contracts for the intensification of research activity in the NHS: Alberto Ocaña	INT20/00075	OCAÑA FERNANDEZ, ALBERTO	ONC.1
	Strategic Action on Health Grants 2020	Contracts for the intensification of research activity in the nhs: jordi matías-guiu	INT20/00079	MATÍAS-GUÍU ANTEM, JORDI	NEC.6
Sociedad De Endocrinología, Nutrición Y Diabetes De La Comunidad De Madrid	Endocrinology, Nutrition and Diabetes Research Grants 2020	Acquired hypoadosteronism. Clinical manifestations and associated factors	JRS. SENDIMAD.20	RUIZ SANCHEZ, JORGE GABRIEL	OGS.9

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
Consejería De Educación, Juventud y Deporte	Grants for the recruitment of Research Assistants and Laboratory Technicians	Grants for the recruitment of research assistants and laboratory technicians	PEJ-2020-AI/BMD-18161	ANGUITA MANDLY, EDUARDO	OGS.24
	Grants for the recruitment of Research Assistants and Laboratory Technicians	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)	PEJ-2020-AI/BMD-18309	NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN	IIIA.2
	Grants for the recruitment of Research Assistants and Laboratory Technicians	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)	PEJ-2020-AI/BMD-18549	MARTINEZ ORGADO, JOSE	NEC.22
	Grants for the recruitment of Research Assistants and Laboratory Technicians	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)	PEJ-2020-AI/BMD-18691	DE LA HOYA MANTECÓN, MIGUEL	ONC.1
	Grants for the recruitment of Research Assistants and Laboratory Technicians	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)	PEJ-2020-AI/BMD-18860	OCAÑA FERNANDEZ, ALBERTO	ONC.1
	Grants for the recruitment of Research Assistants and Laboratory Technicians	Grants for the recruitment of research assistants and laboratory technicians	PEJ-2020-TL/BMD-18127	RODRÍGUEZ-BOBADA GONZÁLEZ DEL CAMPO, MARÍA CRUZ	UTS.3 UMECE
	Grants for the recruitment of Research Assistants and Laboratory Technicians	Grants for the recruitment of research assistants and laboratory technicians	PEJ-2020-TL/BMD-18361	BARCIA ALBACAR, JUAN ANTONIO	NEC.5
	Strategic Action on Health Grants 2020	Mobility of research staff recruited in the framework of the SAH (M-AES): Estibaliz Gabicagoeascoa Corta	MV20/00062	GABICAGOGEASCOA CORTA, ESTIBALIZ	ONC.5
Instituto De Salud Carlos III	Strategic Action on Health Grants 2020	Regulation of splicing in response to DNA damage: clinical implications in hereditary breast and ovarian cancer	PI20/00110	DE LA HOYA MANTECÓN, MIGUEL	ONC.1

FUNDING ENTITY	CALL	TITLE	CODE	DIRECTOR	GROUP
Instituto De Salud Carlos III	Strategic Action on Health Grants 2020	Longitudinal study of a representative cohort: overcoming clinical and biological heterogeneity in first psychotic episodes	PI20/00216	FRAGUAS HERRAEZ, DAVID	NEC.1
	Strategic Action on Health Grants 2020	Study of the evolution and factors associated with the quality of life related to vision and health in subjects with non-infectious uveitis: a longitudinal analysis	PI20/01221	RODRÍGUEZ RODRÍGUEZ, LUIS	IIIA.3
	Strategic Action on Health Grants 2020	Investigation of the phenotypic and endophenotypic association of borderline personality disorder and autism spectrum disorders	PI20/01471	CARRASCO PERERA, JOSÉ LUIS	NEC.2
	Strategic Action on Health Grants 2020	Exploring the origins of damage in Multiple Sclerosis	PI20/01634	URCELAY GARCÍA, ELENA	IIIA.2
	Strategic Action on Health Grants 2020	Genotype-diet interaction in the development of Gestational Diabetes Mellitus and subsequent cardiometabolic risk	PI20/01758	CALLE PASCUAL, ALFONSO LUIS	OGS.9
	Strategic Action on Health Grants 2020	Clinical research support platform. UICEC	PT20/00017	PORTOLÉS PÉREZ, ANTONIO	OGS.12
	Strategic Action on Health Grants 2020	Biobanks and biomodels platform	PT20/00074	ORTEGA MEDINA, LUIS	UTS.5 BIOBANCO
Fundación Española De Hematología Y Hemoterapia	FEHH Research Fellowships Call 2020	FEHH Research Fellowships Call - Jorge Martínez Nieto	PRG. FEHH.20	ROPERO GRADILLA, PALOMA	OGS.24
MINISTERIO DE CIENCIA E INNOVACION	State Programme for the Generation of Knowledge and Scientific and Technological Strengthening of the R&D&I System and the State Programme for R&D&I oriented towards the Challenges of Society	Deciphering the causal role of lipid metabolism in the occurrence of clinical alterations in the ALS and FTD spectrum of diseases	SCS. MICINN.20	CORROCHANO SANCHEZ, SILVIA	NEC.6
Fundación José Luis Castaño-Seq	Call for applications for the Fellowship Binding Site - Dyscrasias 2020	Comparison of the measurement of free light chains in serum versus the urine study in the follow-up of myeloma patients	SEQC. MCF.20	CÁRDENAS FERNÁNDEZ, MARÍA CRUZ	UTS.11. LABSERCLI

NETWORKS AND ALLIANCES

THEMATIC NETWORK FOR COOPERATIVE HEALTH RESEARCH (RETICS) - ISCIII

	RED DE INVESTIGACIÓN EN INFLAMACIÓN Y ENFERMEDADES REUMÁTICAS	RD16/0012/0004 FERNÁNDEZ GUTIÉRREZ, BENJAMÍN GROUP: IIIA.3
	RED ESPAÑOLA DE ESCLEROSIS MÚLTIPLE	RD16/0015/0013 ELENA URCELAY GARCÍA GROUP: IIIA.2
	RED DE ASMA, REACCIONES ADVERSAS Y ALÉRGICAS (ARADYAL)	RD16/0006/0009 MONTSERRAT FERNÁNDEZ RIVAS GROUP: IIIA.1
	RED DE ENFERMEDADES OCULARES	RD16/0008/0004 JULIÁN GARCÍA FEIJÓO GROUP: NEC.18
	RED DE ENFERMEDADES OCULARES	RD16/0008/0009 ROCÍO HERRERO VANREL GROUP: NEC.21

NETWORKED BIOMEDICAL RESEARCH CENTRES (CIBER)- ISCIII

	SALUD MENTAL	CB/07/09/0026 TOMÁS PALOMO ÁLVAREZ GROUP: NEC.1.
	ENFERMEDADES CARDIOVASCULARES	CB16/11/00458 PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN MARTELL CLAROS, NIEVES/ GÓMEZ GARRE, DULCENOMBRE GROUPS: CV.4/ CV.11
	DIABETES Y ENFERMEDADES METABÓLICAS ASOCIADAS	CB07/08/0001 MANUEL ROMÁN BENITO DE LAS HERAS GROUP: OGS.6: CB07/08/0030 Alfonso Luis Calle Pascual GROUP: OGS.9
	CÁNCER	EDUARDO DÍAZ RUBIO GROUP: ONC1

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.6: LÓPEZ FARRÉ, ANTONIO CV.7: VILACOSTA, ISIDRE CV.8: Fernández Ortiz, Antonio Ignacio
	INVESTIGACIÓN TRASLACIONAL DE ARRITMIAS CARDÍACAS HEREDITARIAS	VILACOSTA, ISIDRE GROUP: CV.7
	Identifying Biomarkers Through Translational Research for Prevention and Stratification of Colorectal Cancer	Action COST: CA17118 BEATRIZ PÉREZ-VILLAMIL SALGADO GROUP: ONC.1
	European Network of Multidisciplinary Research and Translation of Autophagy knowledge (TRANSAUTOPHAGY)	Action COST: 15138 GUILLERMO VELASCO DÍEZ GROUP: ONC.5
	Pan-European Network in Lipidomics and EpiLipidomics	Action COST: CA19105 SILVIA CORROCHANO SANCHEZ GROUP: NEC.6
	European Clinical Research Infrastructure Network (ECRIN)	IdISSC: Scientific Partner EMILIO VARGAS CASTRILLÓN ANTONIO PORTOLÉS PÉREZ GROUP: OGS.12
	European Institute of Innovation and Technology (EIT) health	SERMAS ASSOCIATED MEMBER
	RED DE ENTIDADES GESTORAS DE INVESTIGACIÓN CLÍNICA	IdISSC ASSOCIATED MEMBER

PLATFORMS SUPPORTING RESEARCH IN HEALTH SCIENCES AND TECHNOLOGIES - ISCIII

	PLATAFORMA DE BIOBANCOS	PT17/0015/0040 PT20/00074 ORTEGA MEDINA, LUIS Cumulative staff recruited: 1 10211 samples registered 2777 samples provided
	PLATAFORMA DE INNOVACIÓN EN TECNOLOGÍAS MÉDICAS Y SANITARIAS	PT17/0005/0009 MAYOL MARTÍNEZ, JULIO ÁNGEL Group: OGS.13 Cumulative staff recruited: 2 42 active projects 2 new contracts
	PLATAFORMA DE UNIDADES DE INVESTIGACIÓN Y ENSAYOS CLÍNICOS (National Coordinators)	PT17/0017/0001 VARGAS CASTRILLÓN, EMILIO Group: OGS.12 Cumulative staff recruited: 8 95 projects incorporated (2020) 18.196 Patients recruited 1.435 Researcher
	PLATAFORMA DE UNIDADES DE INVESTIGACIÓN Y ENSAYOS CLÍNICOS (Clinical Research and Clinical Trials Unit)	PT17/0017/0018 PT20/00017 PORTOLÉS PÉREZ, ANTONIO Group: OGS.12 Cumulative staff recruited: 6 18 projects managed 90 monitored recruiting centres

FUNDING SOURCES

Income 2020

INCOME CATEGORY	Income	Overheads	Total Income
Grants	3.704.424,64	411.395,93	4.115.820,57
Donations	229.025,14	86.225,86	315.251,00
Partnership and sponsorship agreements	596.791,13	67.025,57	663.816,70
Scientific research (clinical trials, collaborations...)	4.251.384,79	1.606.003,64	5.857.388,43
Financial Income	5.557,26		5.557,26
Benefits in financial instruments	71.038,61		71.038,61
Extraordinary income	4.887,04		4.887,04
TOTAL (€)	8.863.108,61	2.170.157,63	11.033.759,61

Expenses 2020

EXPENSES / INVESTMENTS	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 IN EUROS						
Personnel costs	2.500.298,01	582.593,26	2.140.997,19	329.278,90	5.553.167,36	0,00	5.553.167,36
Procurement	737.004,37	98.855,77	141.490,48	16.897,47	994.248,09	0,00	994.248,09
Other activity costs	1.215.320,26	262.265,55	1.985.732,08	82.797,42	3.546.115,31	68.417,88	3.614.533,19
Monetary, non-monetary, other aids	113.165,17	30.890,27	168.125,67	4.000,00	316.181,11	0,00	316.181,11
Depreciation of fixed assets	57.735,21	70.749,73	116.459,94	7.196,71	252.141,59	0,00	252.141,59
Valuation of Financial Instruments	31.230,50	8.014,50	45.118,40	0,00	84.363,40	0,00	84.363,40
Extraordinary expenses	1.199,10	307,72	1.745,83	0,00	3.252,65	0,00	3.252,65
TOTAL (€)	4.655.952,62	1.053.676,80	4.599.669,59	440.170,50	10.749.469,51	68.417,88	10.817.887,39

BALANCE DE SITUACIÓN 2020

ACTIVO		NOTAS	2020	2019
A)	ACTIVO NO CORRIENTE		11.597.790,04	10.090.750,78
I.	Inmovilizado intangible	6	4.705,65	5.189,20
5.	Aplicaciones informáticas		4.705,65	5.189,20
1.	Aplicaciones informáticas		167.586,56	165.726,62
2.	Amortización acumulada de aplicaciones informáticas		-162.880,91	-160.537,42
III.	Inmovilizado material	5	776.506,21	626.148,18
2.	Instalaciones técnicas y otro inmovilizado material		776.506,21	626.148,18
1.	Instalaciones técnicas		65.040,04	65.040,04
2.	Maquinaria		3.337.752,77	6.696.372,60
4.	Otras instalaciones		512.669,62	483.205,54
5.	Mobiliario		209.383,34	172.778,06
6.	Equipos para procesos de información		396.775,38	357.251,63
9.	Amortización acumulada de instalaciones técnicas		-65.040,04	-65.040,04
10.	Amortización acumulada de maquinaria		-2.754.106,05	-6.195.064,63
12.	Amortización acumulada de otras instalaciones		-444.772,81	-437.853,63
13.	Amortización acumulada de mobiliario		-141.479,75	-132.730,58
14.	Amortización acumulada de equipos procesos información		-339.716,29	-317.810,81
VI.	Inversiones financieras a largo plazo		10.816.578,18	9.459.413,40
1.	Instrumentos de Patrimonio	8.1	10.816.578,18	9.459.413,40
4.	Inversiones financieras LP en instrumentos de patrimonio		10.816.578,18	9.459.413,40
3.	Valores representativos de deuda		0,00	0,00
3.	Valores representativos de deuda a largo plazo		0,00	0,00
5.	Otros activos financieros	8.1	0,00	0,00
2.	Imposiciones LP		0,00	0,00
B)	ACTIVO CORRIENTE		11.274.105,43	9.277.650,65
II.	Existencias	9	15.391,07	12.112,16
6.	Anticipos a proveedores		15.391,07	12.112,16
1.	Anticipos a proveedores		15.391,07	12.112,16
III.	Usuarios y otros deudores de la actividad propia	9	1.207.393,33	1.108.036,43
IV.	Deudores comerciales y otras cuentas a cobrar	9	69.808,67	758.144,05
3.	Usuarios y deudores varios		8.800,00	8.000,00
1.	Deudores		8.800,00	8.000,00
6.	Otros créditos con las administraciones públicas		61.008,67	750.144,05
3.	Hacienda Pública, deudora por subvenciones concedidas		61.008,67	748.743,45
4.	Organismos de la Seguridad Social, deudores		0,00	0,00
6.	Hacienda Pública, retenciones y pagos a cuenta		0,00	1.400,60
VI.	Inversiones financieras a corto plazo	8.1	0,00	2.200.041,10
3.	Valores representativos de deuda		0,00	0,00
3.	Valores representativos de deuda a CP		0,00	0,00
5.	Otros activos financieros		0,00	2.200.041,10
3.	Imposiciones a CP		0,00	2.200.041,10
VII	Efectivo y otros activos líquidos equivalentes	11	9.981.512,36	5.199.316,91
I.	Tesorería		9.981.512,36	5.199.316,91
1.	Caja euros		264,08	130,60
3.	Bancos e instituciones de crédito c/c vista, euros		9.981.248,28	5.199.186,31
TOTAL	ACTIVO (A + B)		22.871.895,47	19.368.401,43

BALANCE DE SITUACIÓN 2020

PATRIMONIO NETO Y PASIVO		NOTAS	2020	2019
A)	PATRIMONIO NETO		4.561.328,69	3.531.638,26
A-1)	Fondos Propios	12	3.033.444,02	2.655.169,73
I.	Dotación Fundacional		30.109,78	30.109,78
1	Dotación fundacional		30.109,78	30.109,78
II.	Reservas		817.621,49	655.219,42
2	Otras reservas		817.621,49	655.219,42
III.	Excedentes de Ejercicios anteriores		1.969.840,53	1.820.276,14
1	Remanente		1.969.840,53	1.820.276,14
2	Excedentes negativos de ejercicios anteriores		0,00	0,00
IV.	Resultado del Ejercicio		215.872,22	149.564,39
A-2)	Ajustes por cambios de valor	8.1	438.099,26	172.284,96
I.	Activos financieros disponibles para la venta		438.099,26	172.284,96
A-3)	Subvenciones, donaciones y legados recibidos	17	1.089.785,41	704.183,57
I	Subvenciones		167.646,52	93.511,79
1	Subvenciones oficiales de capital		123.176,07	0,00
2	Otra subvenciones		44.470,45	93.511,79
II	Donaciones y legados		922.138,89	610.671,78
1	Donaciones y legados de capital		63.224,32	58.903,56
2	Otras donaciones y legados		858.914,57	551.768,22
B)	PASIVO NO CORRIENTE		0,00	0,00
5.	Otros pasivos financieros		0,00	0,00
9	Garantías financieras a L/P		0,00	0,00
C)	PASIVO CORRIENTE		18.310.566,78	15.836.763,17
II.	Provisiones a corto plazo	15	10.904.882,85	9.421.785,69
1.	Provisiones por operaciones de la actividad		10.904.882,85	9.421.785,69
III.	Deudas a corto plazo	8.2	6.535.753,38	5.651.351,74
5.	Otros pasivos financieros		6.535.753,38	5.651.351,74
6.	Deudas a C/P transformables en subvenciones, donaciones y legados		6.535.753,38	5.651.351,74
18	Garantías financieras a C/P		0,00	0,00
VI.	Acreedores comerciales y otras cuentas a pagar	10	869.930,55	763.625,74
1.	Proveedores		22.740,64	62.412,64
1.	Proveedores		22.740,64	62.412,64
3.	Acreedores varios		244.132,96	143.163,21
1.	Acreedores por prestación de servicios		244.132,96	143.163,21
4.	Personal (remuneraciones pendientes de pago)		606,46	394,08
1.	Remuneraciones pendientes de pago		606,46	394,08
6.	Otras deudas con las Administraciones Públicas		392.875,97	421.953,79
1.	Hacienda Pública, acreedora por IVA		81.156,41	87.004,20
2.	Hacienda Pública, acreedora por retenciones practicadas		181.277,10	196.888,50
5.	Organismos de la Seguridad Social, acreedores		130.442,46	138.061,09
7.	Anticipos de clientes		209.574,52	135.702,02
TOTAL	PATRIMONIO NETO Y PASIVO (A + B + C)		22.871.895,47	19.368.401,43

SCIENTIFIC PRODUCTION

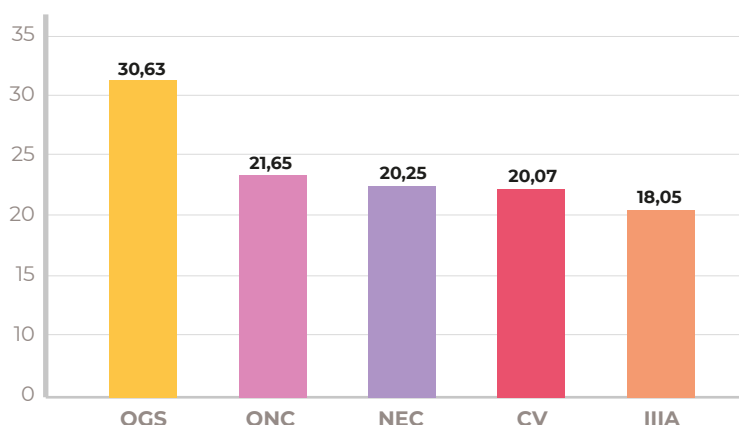
IdISSC: Scientific Production

IdISSC researchers published a total of 1,136 documents in the WoS (Core Collection) in 2020, of which 779 are citable documents, i.e. articles and reviews. The production values by scientific areas and their contribution to the Institute as a whole are shown below.

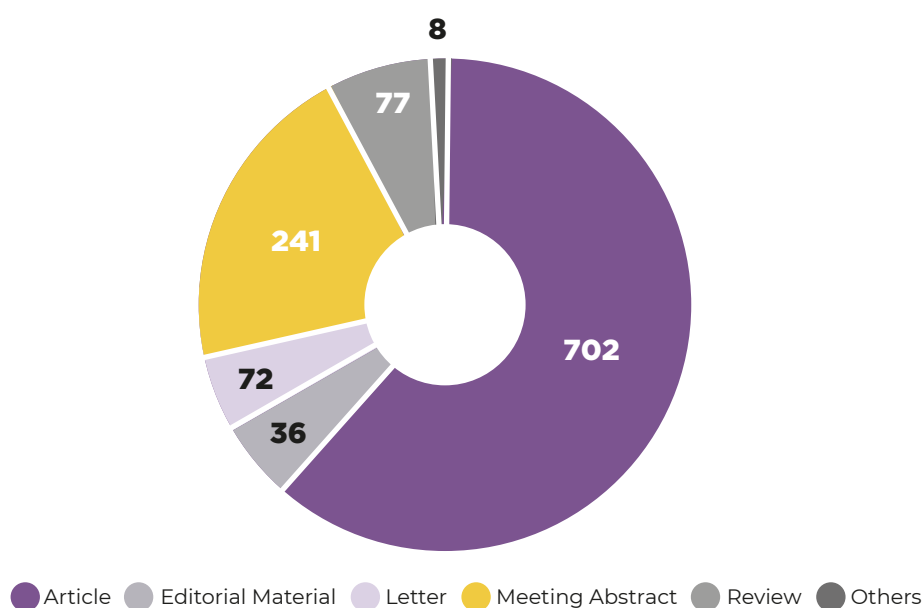
WoS scientific production by IdISSC area.

Area	N° of papers (WoS)	N° of Citable Items
OGS	348	267
ONC	246	165
NEC	230	150
CV	228	157
IIIA	205	124

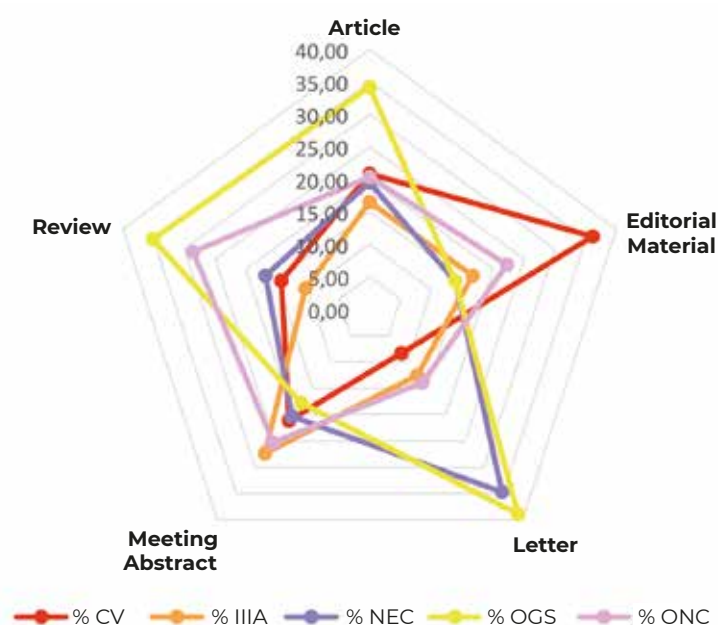
Contribution by scientific area to IdISSC production in the WoS(%).



IdISSC: Scientific Production by document type



Distribution by document type and IdISSC scientific area

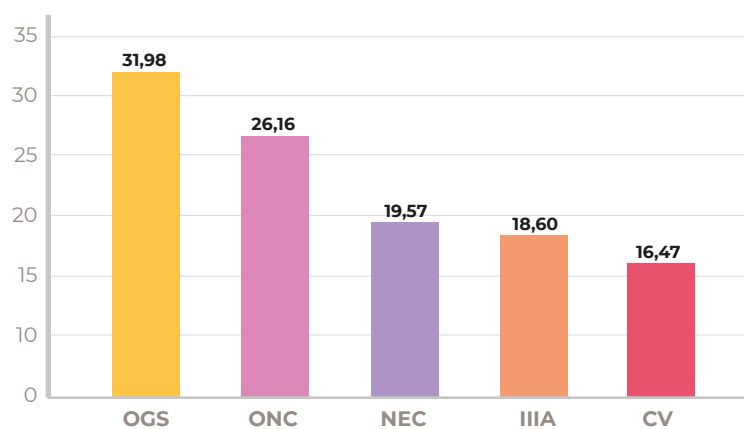


Open Access Scientific Production



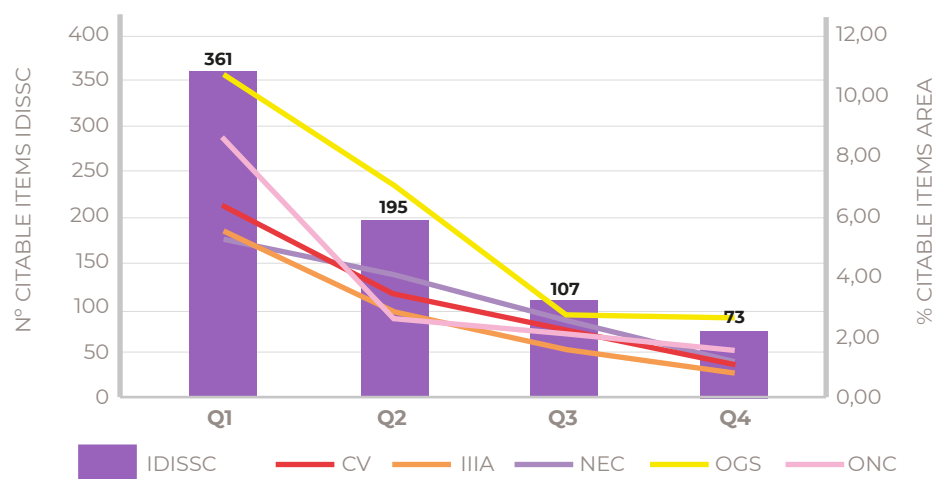
IdISSC publishes 45.42% (516 documents) in open access journals. By scientific area, Oncology (ONC) stands out with 54.88% (135 documents) of its production in journals of this type, followed by Other Large Systems (OGS) with 47.41% (165 documents) and Inflammation, Infection, Immunity, and Allergy (IIIA) with 46.83% (96 documents). On the other hand, Neuroscience (NEC) and Cardiology (CV) range from 43.91% (101 docs.) to 37.28% (85 documents), respectively.

Contribution by scientific area to the open access scientific production of the IdISSC (%).



IdISSC: Scientific production by quartiles and first decile

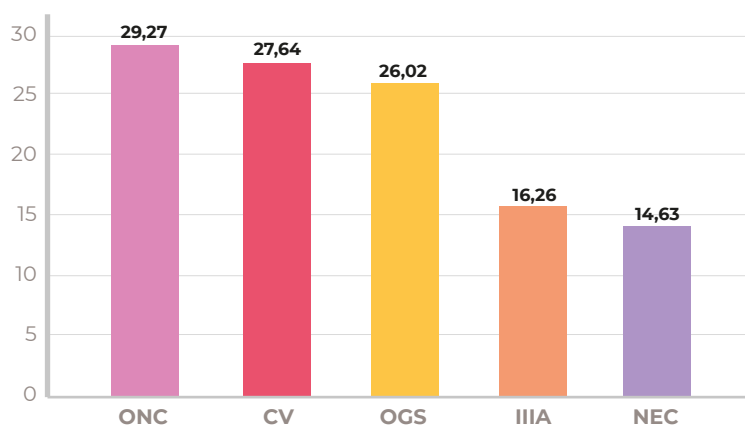
Of the total scientific production in 2020, 95.33% (1,083 documents) are included in the JCR and, of these, 736 (67.95%) are citable documents. The distribution by quartiles of the Institute of the citable documents and the contribution of each scientific area are shown below.



49,05% (361) of the citable items are in Q1 journals.

16,71 % (123) of the citable items are in D1 journals.

Contribution by scientific areas to IdISSC production in the first decile (%).



Σ **3508,497** Total impact factor

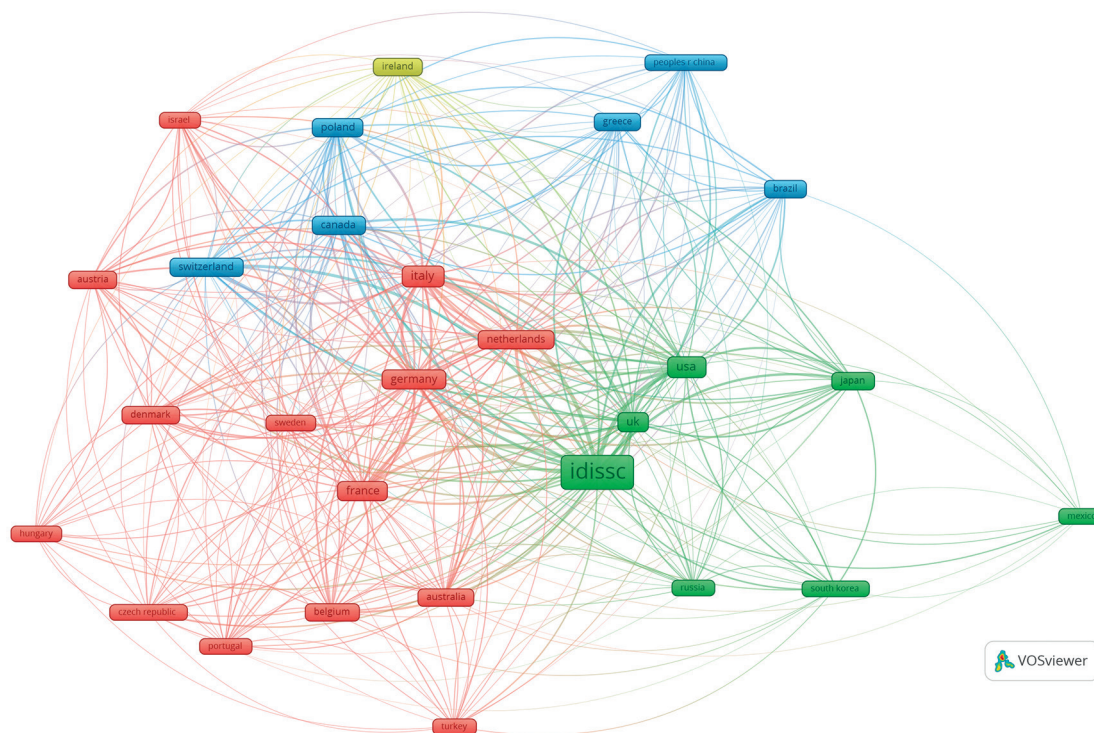
$\bar{X}$ **4,767** Average impact factor

IdISSC: Journals with the highest publication rate in the area

IdISSC researchers published in a total of 471 different journals in 2020. The following table shows the 10 journals with the highest number of publications, which represent 21% (244 documents) of the total scientific production in the WoS for this year. 90% (9) of the journals are included in the first quartile of the JCR 2020 and seven of them are in the Top 10 positions in the WoS category.

Journal	N° of Papers (WoS)	Times Cited	N° Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
EUROPEAN HEART JOURNAL	43	116	5	108	Q1 (2/142)	Cardiac and Cardiovascular Systems	10.410	5.87	28.341
MULTIPLE SCLEROSIS JOURNAL	33	12	3	11	Q1 (28/208)	Clinical Neurology	1.546	1.50	5.661
JOURNAL OF CLINICAL ONCOLOGY	26	137	4	128	Q1 (2/242)	Oncology	12.032	5.25	43.787
EUROPEAN JOURNAL OF NEUROLOGY	25	192	4	184	Q1 (30/208)	Clinical Neurology	1.595	1.30	5.873
JOURNAL OF CLINICAL MEDICINE	25	40	25	40	Q1 (39/169)	Medicine, General and Internal	0.985	1.24	3.849
ANNALS OF ONCOLOGY	23	4	0	0	Q1 (7/242)	Oncology	7.710	3.54	32.472
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	21	190	11	189	Q1 (4/142)	Cardiac and Cardiovascular Systems	8.967	4.75	22.916
NEUROLOGIA	19	89	9	84	Q3 (115/208)	Clinical Neurology	0.682	0.55	2.991
JACC-CARDIOVASCULAR INTERVENTIONS	17	51	12	50	Q1 (11/142)	Cardiac and Cardiovascular Systems	3.808	2.19	10.100
EMERGENCIAS	12	68	9	56	Q1 (5/32)	Emergency Medicine	0.353	1.28	2.455
Total	244	899	82	850					

Scientific collaboration by country (> 15 papers)



IdISSC WoS production 2016-2020

5.012

N° of papers WoS

8,45% Self-citations
(Total papers WoS)**3.326**

N° citable items

82

h index

55.593

Times Cited

58,45

% Q1 (Total citable items)

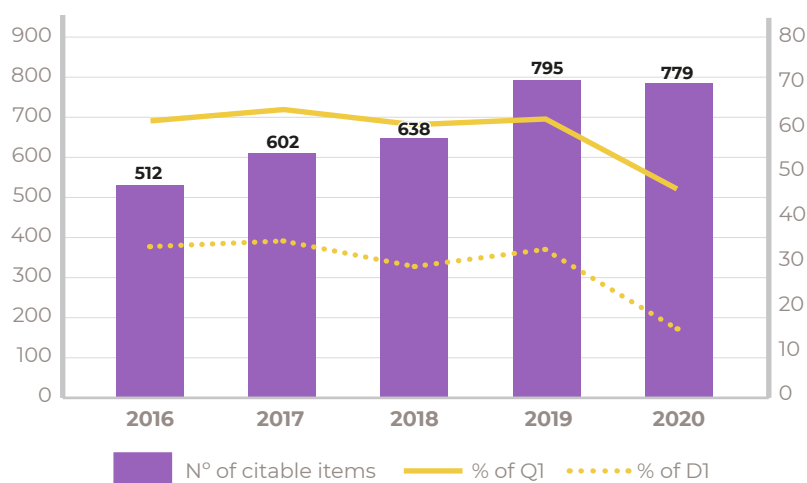
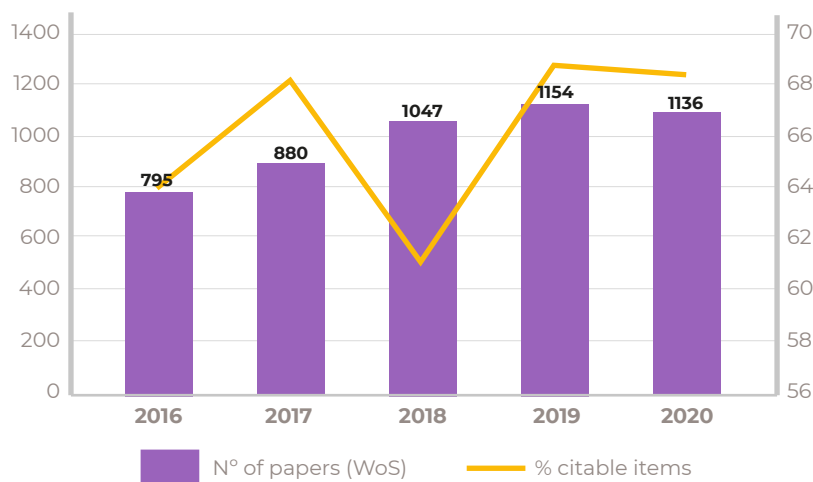
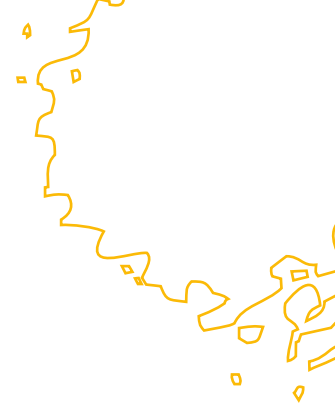
48.346

Citing Articles

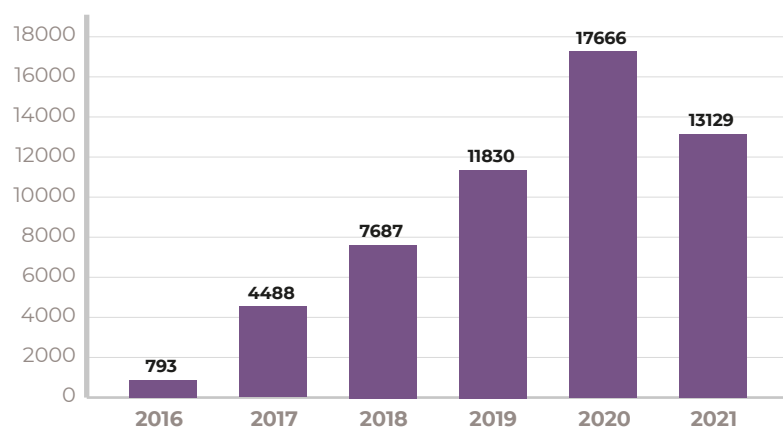
28,02

% D1 (Total citable items)

11,09Average per item
(Total papers WoS)



Times cited by year: IdISSC WoS production 2016-2020



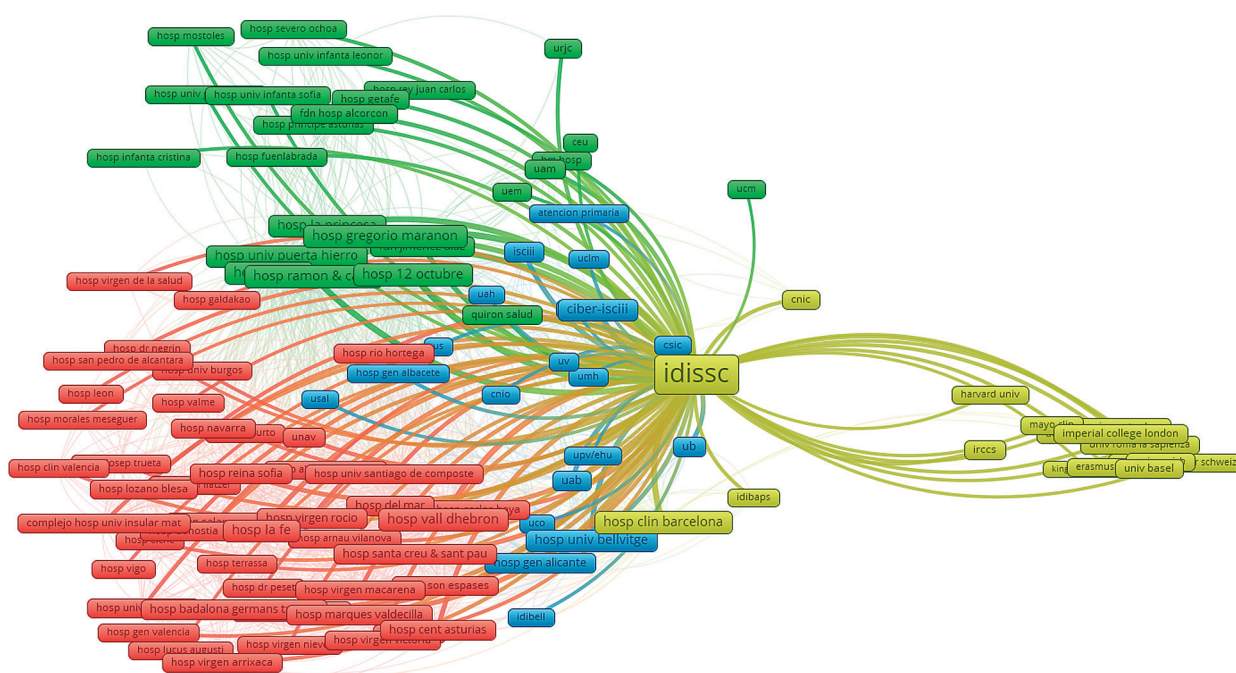
* WoS citation download 04/08/21

Top 10: Most cited papers 2016-2020

Title	Authors	IdISSC Author Position	Journal	Year	Times Cited	Quartil	WoS Category	Article Influence Score	IF
Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)	Klionsky, Daniel J. (...); Davila, D; (...) and Zughaier, S.M.	238/2241	AUTOPHAGY	2016	3.844	Q1 (22/190)	Cell Biology	3,310	8,593
ESMO consensus guidelines for the management of patients with metastatic colorectal cancer	Van Cutsem, E. (...); Diaz-Rubio, E.; (...) and Arnold, D.	14/50	ANNALS OF ONCOLOGY	2016	1.386	Q1 (5/217)	Oncology	3,015	11,855
Sexual Activity Without Condoms and Risk of HIV Transmission in Serodifferent Couples When the HIV-Positive Partner Is Using Suppressive Antiretroviral Therapy	Rodger, Alison J.; (...) Estrada, V.; (...) Lundgren, J.	4/20	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	2016	674	Q1 (3/155)	Medicine General And Internal	17,752	44,405
Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study	Pollan, M.; (...) Merino-Amador, P.; (...) and Yotti, R.	14/18	LANCET	2020	501	Q1 (2/169)	Medicine General And Internal	20,078	79,321
Association analysis identifies 65 new breast cancer risk loci	Michailidou, K.; (...) Caldes, T; (...) and Easton, D.	68 de 252	NATURE	2017	438	Q1 (1/64)	Multidisciplinary Sciences	23,887	41,577
Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI	Davies, J. E.; (...) and Escaned, J.	57/57	NEW ENGLAND JOURNAL OF MEDICINE	2017	403	Q1 (1/155)	Medicine General And Internal	29,439	79,260
EAACI Molecular Allergy User's Guide	Matricardi, P. M.; (...) Fernandez-Rivas, M.; (...) and Ollert, M	29/71	PEDIATRIC ALLERGY AND IMMUNOLOGY	2016	352	Q2 (7/26)	Allergy	0,925	3,775
Randomized, Double-Blind, Phase III Trial of Ipilimumab Versus Placebo in Asymptomatic or Minimally Symptomatic Patients With Metastatic Chemotherapy-Naïve Castration-Resistant Prostate Cancer	Beer, Tomasz M.; (...) Puente, J.; (...) and Gerritsen, W.	17/23	JOURNAL OF CLINICAL ONCOLOGY	2017	328	Q1 (4/223)	Oncology	7,746	26,360

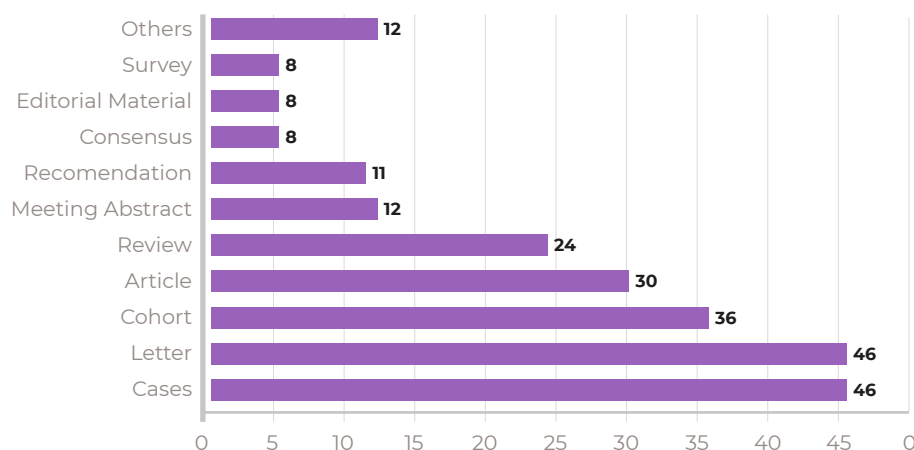
Title	Authors	IdISSC Author Position	Journal	Year	Times Cited	Quartil	WoS Category	Article Influence Score	IF
Ticagrelor with or without Aspirin in High-Risk Patients after PCI	Mehran, R.; (...) Escaned, J.; (...) and Gibson, C. M.	12 de 37	NEW ENGLAND JOURNAL OF MEDICINE	2019	272	Q1 (1/165)	Medicine General And Internal	31,294	74,699
TGF-beta signalling and liver disease	Fabregat, I.; (...) Sanchez, A.; (...) and ten Dijke, P.	3 de 7	FEBS JOURNAL	2016	255	Q2 (82/290)	Biochemistry And Molecular Biology	1,381	3,902

Scientific Collaboration 2016-2020 (> 50 docs.)

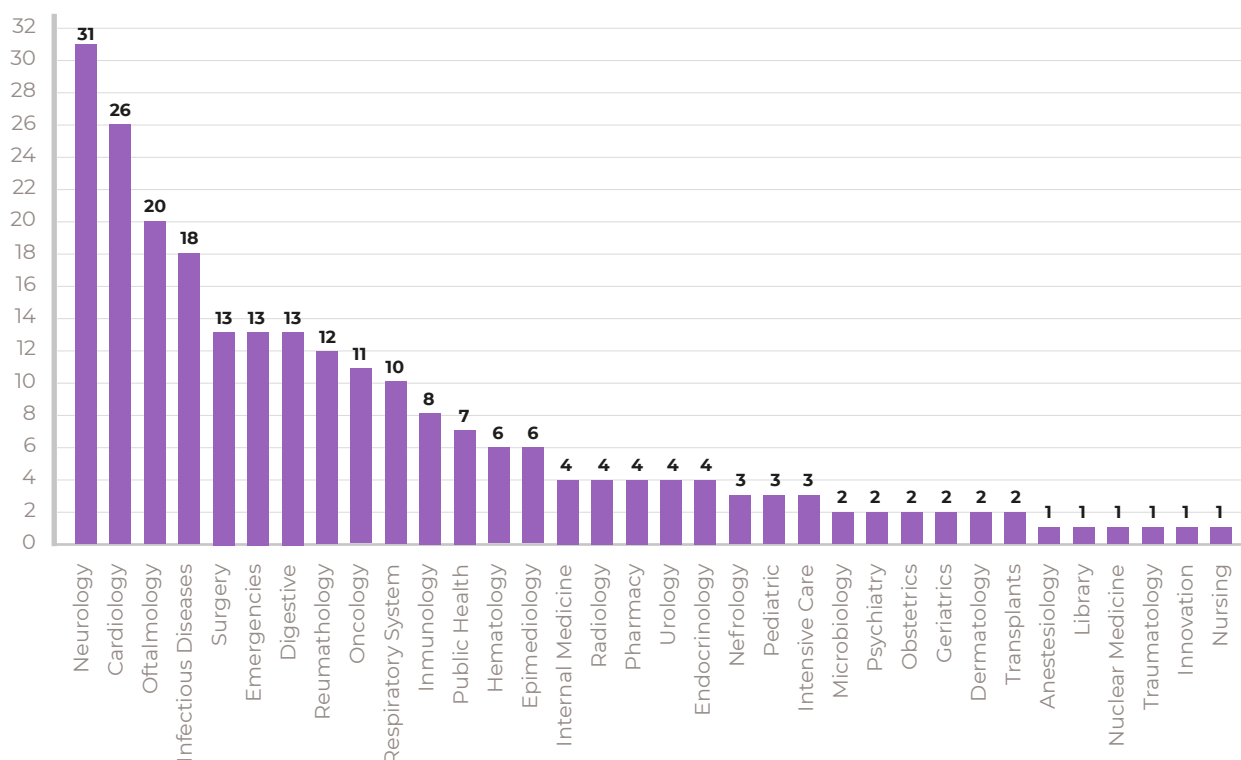


Translational Research Programme at Covid-19, IdISSC-Covid-Taskforce

Nº of papers by document type



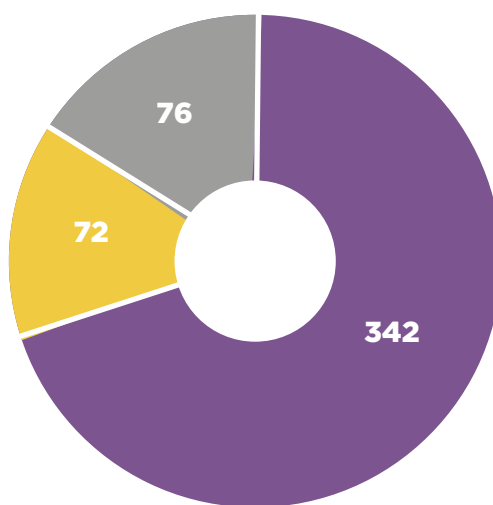
Nº of papers by therapeutic area



CLINICAL TRIALS

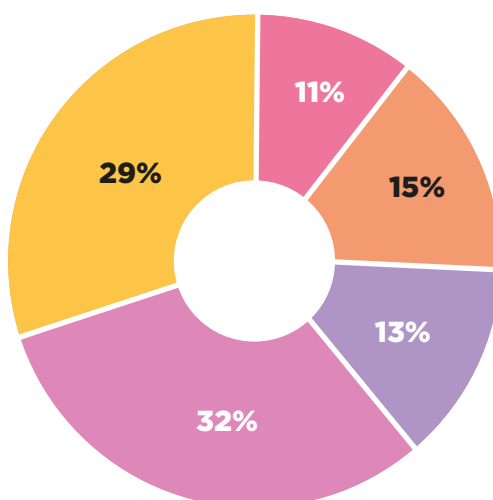


Type of studies



● Clinical Trial ● Epidemiological Study / Others ● Observational Studies

Studies by area



● CV ● IIIA ● NEC ● ONC ● OGS

TRANSFER AND OTHER RESEARCH INDICATORS

- ▶ **23** Total Doctoral Thesis
- ▶ **11** Doctoral Theses with European distinction
- ▶ **38** Clinical Practice Guidelines
- ▶ **3** Protocols Implemented in the HCSC
- ▶ **1** Visiting Researches From Other Institution
- ▶ **4** Movility Of Researchers
- ▶ **36** Awards
- ▶ **15** Patents in force
- ▶ **6** Patent applications pending in 2020
- ▶ **5** Trademarks in force
- ▶ **3** Intellectual property registries

Clinical Practice Guidelines

TITLE	GROUP
2019 ESC Guide on the Diagnosis and Treatment of Chronic Coronary Syndromes.	CV.1
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.	CV.1
Management of myocardial revascularisation failure: an expert consensus document of the EAPCI.	CV.1
ESC guidelines on diabetes, prediabetes, and cardiovascular diseases; Spanish Society of Cardiology; Spanish Society of Endocrinology and Nutrition; Expert reviewers for the 2019 ESC guidelines on diabetes, prediabetes, and cardiovascular diseases; SEC Guidelines Committee. Comments on the 2019 ESC guidelines on diabetes, prediabetes, and cardiovascular disease.	CV.10
Recommendations to improve lipid control. Consensus document of the Spanish Society of Cardiology. Rev Esp Cardiol (Engl Ed). 2020 Feb;73(2):161-167. English, Spanish. doi: 10.1016/j.rec.2019.08.012. Epub 2019 Dec 7. PMID: 31818706.	CV.2
Consensus document and recommendations on palliative care in heart failure of the Heart Failure and Geriatric Cardiology Working Groups of the Spanish Society of Cardiology.	CV.4
EAACI guidelines on allergen immunotherapy: Hymenoptera venom allergy.	IIIA.1
World allergy organization anaphylaxis guidance 2020.	IIIA.1
Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies.	IIIA.12
Inmunidad Pediátrica y la Reapertura del Sistema Escolar en la Época de la Covid-19.	IIIA.12
Protocolos de actuación conjunta entre médicos de familia y gastroenterólogos-Monográfico nº. 12 Diagnóstico precoz de enfermedad celíaca.	IIIA.2

TITLE	GROUP
Proyecto Prodiggest-Protocolos asistenciales para mejorar la Gestión interdisciplinar de las enfermedades Digestivas en el ámbito hospitalario.	IIIA.2
The European Academy of Neurology COVID-19 registry (ENERGY): an international instrument for surveillance of neurological complications in patients with COVID-19.	IIIA.2
Pediatric NMOSD: A Review and Position Statement on Approach to Work-Up and Diagnosis.	IIIA.2
Consensus statement on the use of alemtuzumab in daily clinical practice in Spain.	IIIA.2
The international European Academy of Neurology survey on neurological symptoms in patients with COVID-19 infection.	IIIA.2
The algorithm used for the interpretation of doravirine transmitted drug resistance strongly influences clinical practice and guideline recommendations.	IIIA.9
Manual para la implementación del programa de Profilaxis Pre-exposición al VIH en España.	IIIA.9
Documento técnico abordaje del fenómeno del chemsex.	IIIA.9
2019 IUSTI-Europe guideline for the management of anogenital warts.	IIIA.9
Effectiveness and safety of first-line antiretroviral regimens in clinical practice: a multicentre cohort study.	IIIA.9
Consensus document on the multidisciplinary management of neurogenic lower urinary tract dysfunction in patients with multiple sclerosis.	NEC.6
SEOM clinical guideline of venous thromboembolism (VTE) and cáncer.	ONC.1
GEICAM Guidelines for the Management of Patients with Breast Cancer During the COVID-19 Pandemic in Spain.	ONC.1
Mutational Screening of BRCA1/2 Genes as a Predictive Factor for Therapeutic Response in Epithelial Ovarian Cancer: A Consensus Guide from the Spanish Society of Pathology (SEAP-IAP) and the Spanish Society of Human Genetics (AEGH).	ONC.1
SEOM clinical guideline for the diagnosis and treatment of gastric cancer (GC) and gastroesophageal junction adenocarcinoma (GEJA).	ONC.1
Diagnosis, treatment and follow-up of patients with acromegaly in a clinical practice setting in Spain: the ACROPRAxis program Delphi survey.	ONC.1
Practical clinical guidelines of the EOTTD for treatment and referral of gestational trophoblastic disease.	ONC.1
Update of the recommendations for the determination of biomarkers in colorectal carcinoma. National Consensus of the Spanish Society of Medical Oncology and the Spanish Society of Pathology.	ONC.1
Main prophylactic measures in bariatric endoscopy. Spanish Expert Recommendations Guideline.	ONC.2
Analysis of mid-term weight loss after Roux-en-Y gastric bypass and sleeve gastrectomy: Proposed percentile charts for total weight loss percentages to be used in daily clinical practice.	ONC.2
SEEN guidelines for the management and prevention of acute adrenal insufficiency.	OGS.9
Best Practice Framework of Fracture Liaison Services in Spain and their coordination with Primary Care.	OGS.24
Executive summary of the consensus document of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), the Spanish Network for Research in Infectious Diseases (REIPI) and the Spanish Society of Haematology and Haemotherapy (SEHH) on the management of febrile neutropenia in patients with hematological malignancies.	OGS.25
Desarrollo y metodología de las Guías del IWGDF del 2019 (Como parte de las Guías Prácticas del 2019 del IWGDF para la Prevención y el Manejo de la enfermedad de Pie Diabético).	OGS.27
Use of combined androgen deprivation therapy with postoperative radiation treatment for prostate cancer: Impact of randomized trials on clinical practice.	OGS.28
EANO guideline on the diagnosis and treatment of vestibular schwannoma.	OGS.28
Updated guidelines for predictive biomarker testing in advanced non-small-cell lung cancer: a National Consensus of the Spanish Society of Pathology and the Spanish Society of Medical Oncology.	OGS.28

Protocols implemented in the HCSC

- ▶ Lourdes Montero Cruces, Enrique Villagrán Medinilla. Protocolo de anticoagulación / antiagregación en el postoperatorio de Cirugía Cardíaca.
- ▶ Grupo de trabajo multidisciplinar del Instituto de salud de la mujer. Protocolo "Actuación ante las lesiones mamarias BIRADS 3.
- ▶ Unidad de Biopsias del Servicio de ORL. Procedimiento de la Unidad de biopsias y procedimientos ORL fuera del quirófano.

Patents in force in 2020

- ▶ Procedimiento y dispositivo para la detección visual del grado de aptitud de una muestra aislada de sangre para su validación en análisis clínicos. Date of granting: 28/09/2020. Date of licence: 30/09/2020. Spanish Patent no. P201900050; n° pub: ES2733148. Inventors: Ismael ORTUÑO SORIANO, Emilio VARGAS CASTRILLÓN, Leticia Carmen SIMÓN LÓPEZ, María Dolores OCHOA MAZARRO, Sergio LUQUERO BUENO. Group: OGS.18.
- ▶ Efectos comparativos del aceite de oliva virgen extra y del aceite de girasol utilizados en frituras, adicionados o no con taninos condensados, sobre el estatus antioxidante, la integridad de la barrera intestinal y la microbiota colónica de ratas Wistar. Date of granting: 2019. Date of licence: 2020. Inventors: Francisco J. Sánchez Muniz, Alba Garcimartín Álvarez, Sara Bastida Codina, Juana Benedi González. María Elvira López Oliva Grupo AFUSAN de referencia 920537. Group: OGS.30.
- ▶ Método óptico de detección de una molécula objetivo mediante amplificación en la respuesta de interferencia por índice de refracción y dispersión. Date of granting: 19.10.2020. Date of licence: Copropiedad. 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. Group: IIIA.13.
- ▶ Interferometric detection method. Date of granting: 05.02.2014. Date of licence: 15.01.2015. Inventors: HOLGADO BOLAÑOS, Miguel; SANZA GUTIÉRREZ, Francisco Javier; LAGUNA HERAS, María Fe LAVIN HUEROS, Álvaro CASQUEL DEL CAMPO, Rafael. Group: IIIA.13.
- ▶ Sistema de detección óptica para bio-ensayos de alta sensibilidad sin marcado. Date of granting: 16.11.2011. Date of licence: 15.01.2015. Inventors: HOLGADO BOLAÑOS, Miguel; OCAÑA MORENO, José Luis; LAGUNA HERAS, María Fe MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael MORALES FURIÓ, Miguel. Group: IIIA.13.
- ▶ Procedimiento de marcaje, encriptación, etiquetado y codificación óptica. Date of granting: 22.07.2011. 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 Luis; MOLPECERES ÁLVAREZ, Carlos CASQUEL DEL CAMPO, Rafael GARCÍA BALLESTEROS-RAMIREZ, Juan José MORALES FURIÓ, Miguel. Group: IIIA.13.

Patents with FIB participation

- ▶ VARIANTE ESTRUCTURAL DE LA HEMOGLOBINA. Spanish Patent no. 2373837. Date of granting: 20/12/2012. Ownership: 37,5% FIBHCSC/62,5% Servicio Andaluz de Salud Withdrawal date: 30/06/20. Hematology group. OGS.24.
- ▶ MÉTODO DE PRONÓSTICO DEL CARCINOMA NO MICROCÍTICO DE PULMÓN DE ESTADIO I O II. Spanish Patent no. 2411833. Date of granting: 08/07/14. Ownership: 100% FIBHCSC. Withdrawal date: 31/12/20. Oncology group. ONC.1, ONC.2
- ▶ MÉTODO DE CLASIFICACIÓN DEL CARCINOMA NO MICROCÍTICO DE PULMÓN BASADO EN LA IDENTIFICACIÓN DE UNA RESPUESTA INMUNE INTRATUMORAL. Spanish Patent no. 2420079. Date of granting: 15/07/14. Ownership: 100% FIBHCSC. Withdrawal date: 28/02/2021. Oncology groups. ONC.1, ONC.2
- ▶ 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/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% FIBHRC. European Patent no. 3 361 259 (entry into the European phase based on International Application PCT/ES2014/070634). Date of granting: 23/04/20. Allergy group. This patent was validated in 2020 in Germany, France, United Kingdom and Italy. IIIA.1
- ▶ BIOHÍBRIDO PARA SU USO EN LA REGENERACIÓN DE TRACTOS NEURALES. Spanish Patent no. ES2577883. Date of granting: 14/11/16. Ownership: 37,5% FIBHCSC 62,5%/Universidad Politécnica de Valencia. Neurosurgery group. ONC.6, NEC.5, NEC.6
- ▶ MÉTODO Y KIT PARA EL DIAGNÓSTICO DE CELIAQUÍA. Spanish Patent no. ES2548653. Date of granting: 11/01/17. Ownership: 100% FIBHCSC. Immunology group. OGS.25, IIIA.7, IIIA.10, NEC.22

- ▶ MÉTODO Y DISPOSITIVO PARA ANÁLISIS DE MATERIAL BIOLÓGICO, MÉTODO DE OBTENCIÓN Y USO DEL MISMO. Spanish Patent no. 2598878. Date of granting: 17/10/17. Ownership: 50% FIBHCSC/50% Universidad de Alcalá. Pediatrics and Innovation Unit group.
- ▶ PREPARACIÓN FARMACÉUTICA ÚNICA Y ESTABLE QUE CONTIENEN BERBERINA. EN FORMULACIÓN DE LIBERACIÓN LENTA. UNA ESTATINA Y UBIQUINOL PARA EL TRATAMIENTO DE LA ENFERMEDAD 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

Patent applications pending in 2020

- ▶ 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. Neurosurgery group. NEC.5, NEC.6.
- ▶ 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. European Patent Application no. EP18382729.4. Ownership: 10% FIBHCSC/90% Centro Nacional de Investigaciones Cardiovasculares Carlos III. Application date: 11/10/2018. Withdrawal date: 18/11/20. Arrhythmia group. CV.4
- ▶ 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.
- ▶ 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. European Patent Application no. 19783542.4 (entry into the national phase based on International Application PCT/EP2019/077610). Application date: 6/5/21 Ownership: 10% FIBHCSC 90% CNIC. Arrhythmia group.
- ▶ Procedimiento y dispositivo para la detección visual del grado de aptitud en una muestra aislada de sangre para su validación en análisis clínico. Application date: 26/05/2020. Inventor: Leticia Simón, Emilio Vargas (Universidad Complutense de Madrid) N° de patente: P201900050. Group: OGS12.
- ▶ COMBINATION OF IBUPROFEN AND TRAMADOL FOR RELIEVING PAIN. Application date: 08/07/2020. 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, Iñiua; Aragoneses II. SANZ MENÉNDEZ, Nuria. GÓMEZ CALVO, Antonia. SÁNCHEZ GARCÍA, Jose Angel. DUART GONZALEZ, Ester. GARCÍA ALONSO, Fernando. N° de patente: PCT/EP2020/069306. Group OGS.12.

PCT expired in 2020

- ▶ PCT/ES2018/070666. COMPOSICIÓN FARMACÉUTICA PARA EL TRATAMIENTO DE ENFERMEDADES CARDIOVASCULARES. Ownership: 100% FIBHCSC. Vascular Biology group (PCT term expired in 2020). No entry into the national phase.

Trademarks

- ▶ IdISSC trademark: Registry date: 31.10.2011
- ▶ INCUBATOR OF IDEAS trademark: Registry date: 21.08.2012
- ▶ PELVICARE trademark: Registry date: 07.10.2015
- ▶ PROCTOCARE trademark: Registry date: 25.11.2015
- ▶ SYSPHARMA trademark: Registry date: 26.09.2017

Intellectual property registries

- ▶ Interactive training regarding asthma in childhood. Kids Beating Asthma. Registry date: March 2013.
- ▶ Proceso de gestión de eventos adversos relacionados con la asistencia sanitaria. Registry date: July 2013.
- ▶ Video Clinical case: laparoscopic cholecystectomy with intraoperative complication and postoperative sequelae. Registry date: October 2013.

RESEARCH DISSEMINATION ACTIVITIES

Scientific Conferences



International Day of Women and Girls in Science

Conferences:

- **Sex, gender, and health.**
María Herrera de la Muela.
- **Am I intelligent? Impact of gender bias.**
Cristina Nombela Otero.
- **Women scientists in roles of responsibility.**
Vanessa Andrés Guerrero.
- **Evolution of Science and its influence on society. Assisted reproduction techniques.**
Marta Vidaurreta y Sara Rafael.



European Researchers' Night

Activities:

- **Learn how cells communicate**
Elena María Tovar Ambel
- **Challenges in Health: technology for children**
Macarena Torrego
- **Autoimmunity in autoimmune diseases**
Roberto Álvarez La Fuente

Science Week

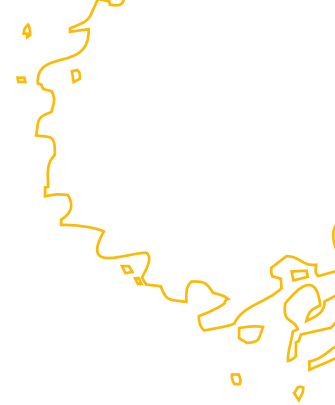
Activities:

- **Everything you want to know about human papillomavirus (HPV).**
María del Mar Ramírez Mena
- **Physical activity and nutrition, tools to look after my health.**
Blanca González Palomares
- **What is assisted reproduction?**
Sara Rafael Fernández
- **COVID-19 and pregnancy: what do we know so far?**
Noelia Pérez Pérez, Raúl Villasevil Villasevil
- **Keratoconus, frequently asked questions.**
Rosario Gómez de Liaño, Elena Hernández
- **What you should know about glaucoma.**
Julián García Feijóo
- **Childhood learning and eye problems.**
Rosario Gómez de Liaño, Elena Hernández
- **Classical diagnostics vs. artificial intelligence in retinal diseases.**
Juan Donate, Lorenzo López



World Glaucoma Week:

- **Personalised glaucoma surgery**
Julián García Feijóo



IdISSC Seminars

- ▶ **Reproducibility of Western Blot results: Solutions offered by Li-Cor Biosciences**
M^a Paz Rebollar.
- ▶ **Study of the interaction of Epstein-Barr virus and human herpes virus 6 with human endogenous retrovirus W in patients with multiple sclerosis.**
Silvia Pérez Pérez.
- ▶ **Role of TRIB3 in the progression of prostate cancer.**
Jack Day.
- ▶ **Co-THEIA (Combination Therapy with mEthotrexate and adalimumAb for uveitis): Efficacy, safety and cost-effectiveness of methotrexate, adalimumab, or their combination in non-infectious non-anterior uveitis: a multicentre, randomised, 3-arm parallel, active-controlled, phase 3, open-label, assessor-blinded study.**
Luis Rodríguez Rodríguez.
- ▶ **Professional research career of Dra. Trinidad Caldés Llopis.**
Trinidad Caldés Llopis
- ▶ **Online Seminar: Open access to research results and the Institutional Repository of the Regional Ministry of Health.**
Manuel Espantaleón Ágreda y D. Jose Carlos Redondo García.
- ▶ **Dissemination of the nominative grant FIBHCSC 2019.**
Joana Modolell Aguilar
- ▶ **Secondary use of data for health research and innovation.**
German Seara Aguilar.
- ▶ **Key methodological aspects of a research protocol for funding applications.**
Manuel Enrique Fuentes Ferrer.
- ▶ **Key aspects to remember when applying for FIS projects.**
Elena Urcelay García.

Training activities

7 Courses coordinated and managed by the IdISSC technical unit.

Impact on research-related media



Press releases related to research issued by the HCSC



Social networks



IdISSC account: **419** followers. Total: **528** -No. of tweets: **47**

NEW

Innovation Unit account: **8.007** seguidores



IdISSC account: **33** seguidores

NEW

Innovation Unit account: **376** followers



IdISSC account: **76** followers

NEW

Innovation Unit account: **101** followers



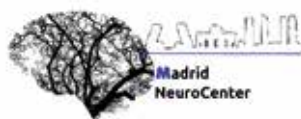
Innovation Unit account: Youtube channel subscribers **249** subscribers

IdISSC Periodic Newsletters



During 2020, 18 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



Madrid Neurocenter

During 2020, we will continue our participation in the Madrid **Neurocenter Project**.

In its 4 years of life, the NEUROCENTER Project has proven to be a valuable platform for translational research and technology transfer aimed at brain diseases.

Among its achievements, the use of silk fibroin in treatments for repairing damaged brain tissue in which a team of researchers from the Biomedical Technology Centre (CTB) has participated, in collaboration with the Universidad Complutense de Madrid and the Hospital Clínico San Carlos.

In addition, the **Silk Fibroin Mesh Project, developed by the Innovation and Surgery research group led by Dr. Mayol**, in collaboration with the CTB, is still underway at our hospital.

The participation of our research group would be to perform the surgical procedures in the experimental surgery operating rooms of the Hospital Clínico, using the electrospinning meshes with this new material developed by the CTB.



Process innovation

We continue with our line of work on organisational innovation and healthcare processes, with the aim of adding value for both professionals and patients.

In this sense, we work closely with the different hospital departments to develop **interactive dashboards** by creating customised REDCaps, so that the data obtained is of high quality and can be used to improve internal processes, combined with the use of Power BI to visualise the data.

In 2020 we launched a project in collaboration with the Vall d'Hebron Hospital and the Hospital Clínico de Valencia, the **"Immersion of managers"** project (sponsored by Laboratorios Servier), which consists of an exchange of experiences in innovation: in processes, Big Data and artificial intelligence, access to information, improving the quality of information, processing and visualisation. Due to the Covid-19 pandemic situation, the face-to-face workshops could not be held on the scheduled date, and online sessions were held for the time being.

The background is a solid dark pink color. Overlaid on this are several large, light pink geometric shapes: a large 'V' shape pointing downwards and a large 'X' shape. On the left side, there are two large, stylized 'C' characters. The top 'C' is a black outline, and the bottom 'C' is a white outline. Both 'C's are positioned to the left of the 'V' and 'X' shapes.

C

CARDIOVASCULAR

C

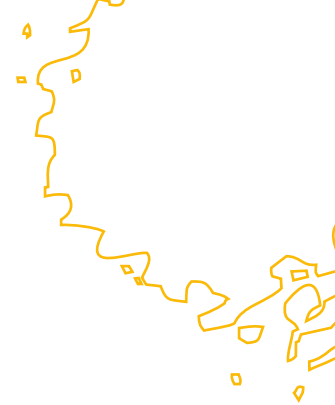
GROUPS

CV.1	Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis
CV.2	Cardiovascular Imaging
CV.4	Arrhythmia
CV.6	Group on 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

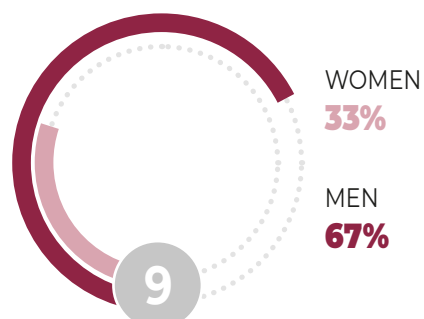


ANNUAL GOALS

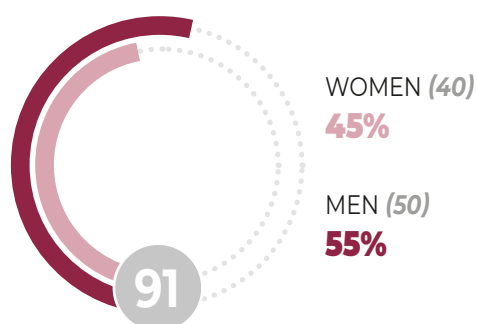
	COMPLETED	NOT COMPLETED
<i>Promoting cooperation in competitive research projects.</i>	✓	X
<i>Promoting cooperation in publications between groups in the area.</i>	✓	X
<i>Actions in line with the lines of the Strategic Plan in force.</i>	✓	X
<i>Training actions completed.</i>	✓	X



GROUP LEAD RESEARCHERS



TOTAL PROFESSIONALS IN THE AREA



SCIENTIFIC PRODUCTION



OPEN ACCESS



37,28%

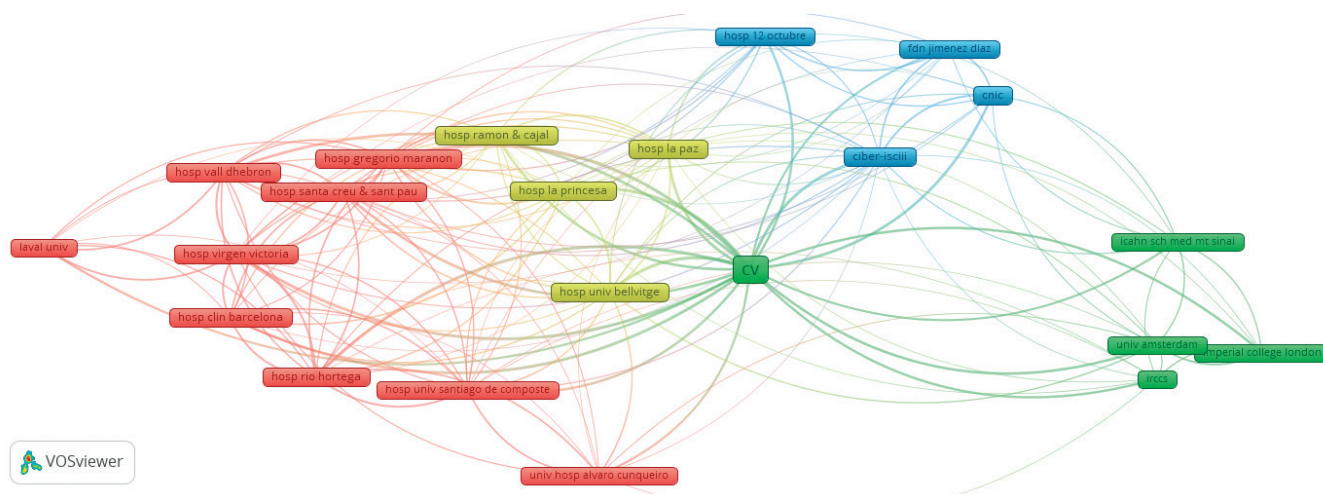
of the documents have been published in open access journals.

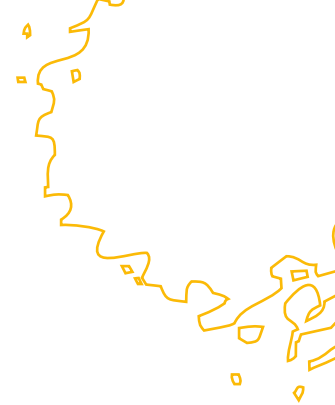
JOURNALS WITH THE HIGHEST PUBLICATION RATE IN THE AREA

During 2020, the Cardiovascular area's researchers have published in a total of 77 different journals. The top 5 journals where they publish the most are shown below. It represents the 41,22% of the scientific production of this area. All of these journals are in the first quartile of the JCR 2020 for their thematic category. Two journals are in the Top 5 in their WoS category.

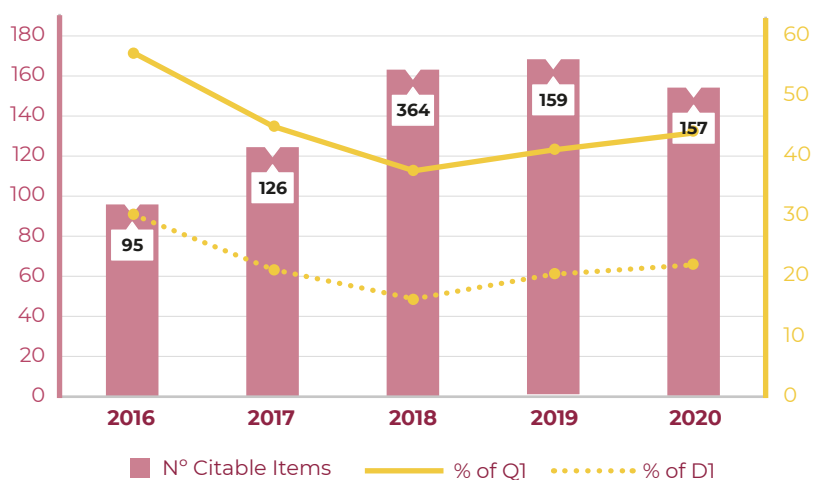
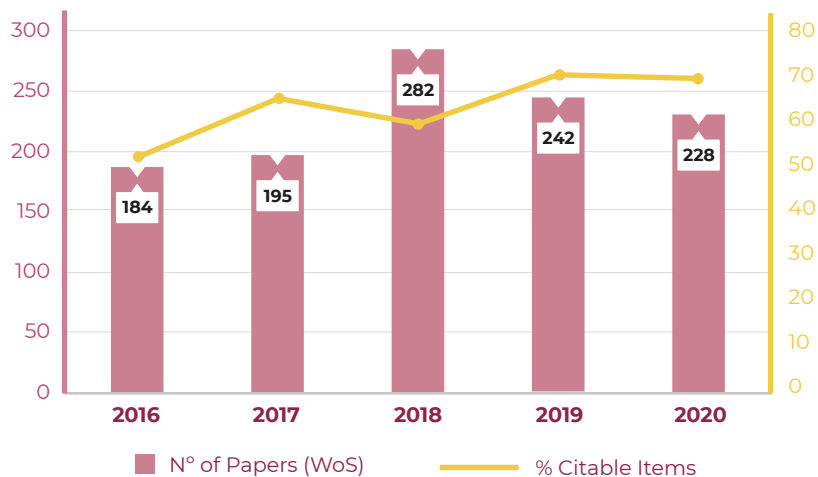
Journal	Nº of Papers (WoS)	Times Cited	Nº Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
EUROPEAN HEART JOURNAL	35	111	5	108	Q1 (2/142)	Cardiac and Cardiovascular Systems	10.410	5.87	28.341
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY	20	171	10	170	Q1 (4/142)	Cardiac and Cardiovascular Systems	8.967	4.75	22.916
JACC- CARDIOVASCULAR INTERVENTIONS	17	51	12	50	Q1 (11/142)	Cardiac and Cardiovascular Systems	3.808	2.19	10.100
EUROINTERVENTION	11	56	5	28	Q1 (25/142)	Cardiac and Cardiovascular Systems	1.444	1.15	6.029
REVISTA ESPAÑOLA DE CARDIOLOGIA	11	62	9	61	Q1 (45/142)	Cardiac and Cardiovascular Systems	1.162	0.83	3.696
Total	94	451	41	417					

SCIENTIFIC COLLABORATION BY CENTER (> 10 PAPERS)





SCIENTIFIC PRODUCTION (2016-2020)



Σ

833,828 Total impact factor

$\bar{X}$

5,831 Average impact factor

SELECTED 5 PUBLICATIONS



Lee, Seung Hun , Kim, Hyun Kuk , Lee, Joo Myung , Hong, Young Joon , Lim, Kyung Seob , Kim, Han Byul , Choi, Ki Hong , Shin, Eun-Seok , Nam, Chang-Wook , Doh, Joon-Hyung , Yang, Jeong Hoon , Bin Song, Young , Hahn, Joo-Yong , Choi, Seung-Hyuk , Jeong, Myung Ho , Samady, Habib , ESCANED BARBOSA, JAVIER. Coronary Circulatory Indexes in Non -Infarct -Related Vascular Territories in a Porcine Acute Myocardial Infarction Model. JACC-CARDIOVASCULAR INTERVENTIONS. 2020; 13(10): 1155-1167. DOI: 10.1016/j.jcin.2020.03.006. IF: 8,432. (Q1).



CERRATO MERA, CRISTINA, MEJÍA RENTERÍA, HERNÁN DAVID, Dehbi, Hakim-Moulay , Ahn, Jung-Min, Cook, Christopher , Dupouy, Patrick , Baptista, Sergio Bravo , Raposo, Luis , Van Belle, Eric , Gotberg, Matthias , Davies, Justin E. , Park, Seung-Jung , ESCANED BARBOSA, JAVIER. Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve 1-Year Outcomes of 8,579 Patients. JACC-CARDIOVASCULAR INTERVENTIONS. 2020; 13(16): 1894-1903. DOI: 10.1016/j.jcin.2020.05.024. IF: 8,432. (Q1).



ARMIJO ASTRAIN, JAVIER EDUARDO, Estevez-Loureiro, Rodrigo , Carrasco-Chinchilla, Fernando , Arzamendi, Dabit, Fernandez-Vazquez, Felipe , JIMÉNEZ QUEVEDO, PILAR, Freixa, Xavier , Pascual, Isaac , Serrador, Ana Maria , Mesa, Dolores , Alonso-Briales, Juan H. , Goicolea, Javier , Hernandez-Antolin, Rosana , Fernandez-Peregrina, Estefania , Alvarez, Ana Belen Cid , Andraka, Leire , Cruz-Gonzalez, Ignacio , Berenguer, Alberto , Sanchis, Juan , Gil, Jose Luis Díez , Hernandez-Garcia, Jose M. , Li, Chi-Hion , Benito-Gonzalez, Tomas , DE AGUSTIN LOECHES, JOSE ALBERTO, Avanzas, Pablo , REGUEIRO GONZÁLEZ-BARROS, JOSÉ RAMÓN, Amat-Santos, Ignacio , Pan, Manuel , NOMBELA FRANCO, LUIS. Acute Kidney Injury After Percutaneous Edge-to-Edge Mitral Repair. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2020; 76(21): 2463-2473. DOI: 10.1016/j.jacc.2020.09.582. IF: 20,589. (Q1).



Gutierrez-Calabres, Elena , ORTEGA HERNÁNDEZ, ADRIANA, MODREGO MARTIN, JAVIER, GÓMEZ-GORDO DÍAZ, RUBÉN, Caro-Vadillo, Alicia , RODRÍGUEZ- BOBADA GONZÁLEZ DEL CAMPO, MARÍA CRUZ, GONZÁLEZ DÍAZ, PABLO, GÓMEZ GARRE, DULCENOMBRE. Gut Microbiota Profile Identifies Transition From Compensated Cardiac Hypertrophy to Heart Failure in Hypertensive Rats. Hypertension. 2020; 76(5): 1545-1554. DOI: 10.1161/HYPERTENSIONAHA.120.15123. IF: 7,713. (Q1).



ORTEGA HERNÁNDEZ, ADRIANA, Martinez-Martinez, Ernesto , GÓMEZ-GORDO DÍAZ, RUBÉN, Lopez-Andres, Natalia , Fernandez-Celis, Amaya , Gutierrez-Miranda, Beatriz , Luisa Nieto, Maria , Alarcon, Teresa , ALBA LÓPEZ, CRISTINA, GÓMEZ GARRE, DULCENOMBRE, Cachofeiro, Victoria . The Interaction between Mitochondrial Oxidative Stress and Gut Microbiota in the Cardiometabolic Consequences in Diet-Induced Obese Rats. ANTIOXIDANTS. 2020; 9(7): na-na. DOI: 10.3390/antiox9070640. IF: 5,014. (Q1).

ACTIVITY



25

Active Clinical Trials



5

Active Epidemiological Study / Other



20

Active Observational Study



1

New Competitive funding

Awards



4

Clinical
practice
guidelines



7

Technology
Transfer



1

Doctorate
Theses



1

Book
chapters



6

Book



6

Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

94

N° OF PAPERS JCR INDEXED

90

CITABLE ITEMS

68%(64)

Q1 (CITABLE ITEMS)

42%(27)

D1 (CITABLE ITEMS)

23%(15)

CUMULATIVE IF

359,40

AVERAGE IF

5,98

LEADING RESEARCHER

Escaned Barbosa, Javier

MEMBERS

Carlos Macaya Miguel
 Carmen Olmos Blanco
 Carolina Espejo Paeres
 Fernando Macaya Ten
 Hernán David Mejía Rentería
 María Nieves Gonzalo López
 Pablo Salinas Sanguino
 Pedro Marcos-Alberca Moreno
 Vera Rodríguez García-Abad



OVERVIEW

The diagnosis and management of coronary artery disease (CAD) has changed substantially over the last 20 years. From being envisaged as a stenosis-centered problem, in which obstruction of epicardial coronary arteries were the only cause of myocardial ischemia, we have moved to understanding that non-obstructive disease, such as that caused by derangements of the coronary microcirculation, play an important role in patient symptoms and prognosis. The implications of this knowledge shift for the development of diagnostic and therapeutic strategies is huge. Within this new paradigm, the research of our group focus on key contemporary aspects in the diagnosis and treatment of CAD aimed to

- 1) setting the indication of coronary revascularisation on invasive- and non-invasive physiological assessment;
- 2) improve the safety and long-term efficacy of percutaneous coronary interventions by performing advanced procedural planning and guidance based on imaging, physiology or in-silico tools;
- 3) development and validation of invasive- and non-invasive diagnostic tools for the identification of non-obstructive causes of myocardial ischaemia which would allow effective personalised patient treatment;
- 4) assessing the safety and efficacy of new modalities of percutaneous revascularisation; and
- 5) developing and testing artificial intelligence algorithms to all previous research pathways.

Landmark research performed by our group in this regard include: 1) a key role in the development and validation instantaneous wave free ratio (iFR) and its co-registration with coronary angiography; 2) testing a holistic strategy for coronary revascularisation in patients with 3-vessel disease (SYNTAX II trial); 3) establishing relationships between microvascular coronary dysfunction and small cerebral vessel disease (C3 study); 4) validation of functional coronary angiography (QFR) in a wide range of clinical scenarios; and 5) assessment of intravascular lithotripsy in different anatomical contexts.

SELECTED PUBLICATIONS

- ▶ Lee, Seung Hun, Kim, Hyun Kuk, Lee, Joo Myung, Hong, Young Joon, Lim, Kyung Seob, Kim, Han Byul, Choi, Ki Hong, Shin, Eun-Seok, Nam, Chang-Wook, Doh, Joon-Hyung, Yang, Jeong Hoon, Bin Song, Young, Hahn, Joo-Yong, Choi, Seung-Hyuk, Jeong, Myung Ho, Samady, Habib, ESCANED BARBOSA, JAVIER. Coronary Circulatory Indexes in Non -Infarct -Related Vascular Territories in a Porcine Acute Myocardial Infarction Model. JACC-CARDIOVASCULAR INTERVENTIONS. 2020; 13(10): 1155-1167. DOI: 10.1016/j.jcin.2020.03.006. IF: 8,432. (Q1).
- ▶ CERRATO MERA, CRISTINA, MEJÍA RENTERÍA, HERNÁN DAVID, Dehbi, Hakim-Moulay, Ahn, Jung-Min, Cook, Christopher, Dupouy, Patrick, Baptista, Sergio Bravo, Raposo, Luis, Van Belle, Eric, Gotberg, Matthias, Davies, Justin E., Park, Seung-Jung, ESCANED BARBOSA, JAVIER. Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve 1-Year Outcomes of 8,579 Patients. JACC-CARDIOVASCULAR INTERVENTIONS. 2020; 13(16): 1894-1903. DOI: 10.1016/j.jcin.2020.05.024. IF: 8,432. (Q1).
- ▶ Goicolea Ruigomez, F. Javier, Elola, Francisco J., Durante-Lopez, Alejandro, Perez, Cristina Fernandez, Bernal, José L., MACAYA MIGUEL, CARLOS. Coronary artery bypass grafting in Spain. Influence of procedural volume on outcomes. REVISTA ESPANOLA DE CARDIOLOGIA. 2020; 73(6): 488-494. DOI: 10.1016/j.recesp.2019.08.013. IF: 4,642. (Q1).

NEW COMPETITIVE FUNDING

CM20/00013. RRHH RIO HORTEGA: Angela Carolina Espejo Paeres. PI: ESCANED BARBOSA, JAVIER. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

ECL.20/119. OPTIMAL: The OPTIMAL study is a randomized, controlled, multicentre, international study. A total of 800 patients will be randomized in a 1:1 fashion to IVUS-guided PCI versus qualitative angio-guided PCI. Patients will be consented prior to the PCI procedure and then followed up to 2 years after the index procedure. PI: JAVIER ESCANED BARBOSA. Funding Organisation: ECRI.

ECL.19/237. PEBSI II (PEPSI II): Balón liberador de Paclitaxel tras stent convencional vs stent liberador de fármaco en el infarto agudo con elevación de st.. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: FIC.

2020. Endopat-COVID: Assessment of Endothelial Vasodilator Function in COVID-19 Patients. Estudio prospectivo observacional y ciego que evalúa el estado de la función endotelial vascular sistémica en pacientes COVID-19 comparado con un grupo control sano. PI: HERNÁN DAVID MEJÍA RENTERÍA. Funding Organisation: Hospital Clínico San Carlos.

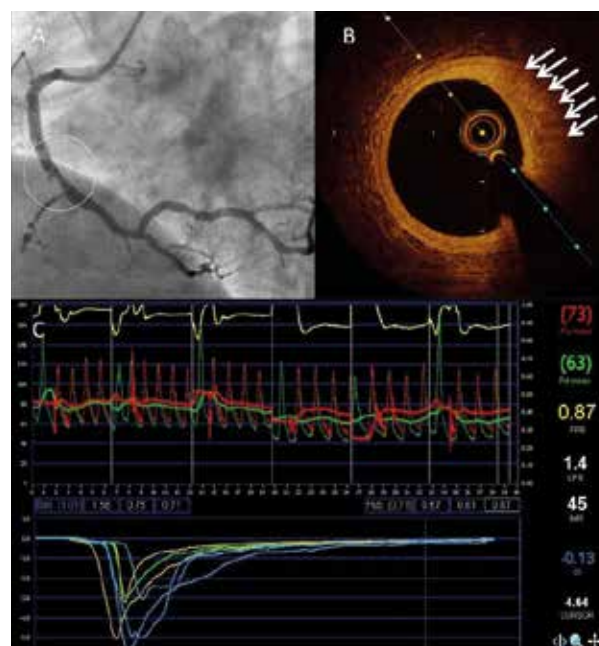
CLINICAL PRACTICE GUIDELINES

Javier Escaned Barbosa. 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. Science Society: SOCIEDAD EUROPEA DE CARDIOLOGIA (2020). PMID: 31504439.

Javier Escaned Barbosa. 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. Science Society: SOCIEDAD EUROPEA DE CARDIOLOGIA (2020)..

Javier Escaned Barbosa. Management of myocardial revascularisation failure: an expert consensus document of the EAPCI. Science Society: (2020). PMID: 32597391.

Knuuti, Juhani , Wijns, William , Saraste, Antti , Capodanno, Davide , Barbato, Emanuele , Funck-Brentano, Christian , Prescott, Eva , Storey, Robert F. , Deaton, Christi , Cuisset, Thomas , Agewall, Stefan , Dickstein, Kenneth , Edvardsen, Thor , ESCANED. 2019 ESC Guide on the Diagnosis and Treatment of Chronic Coronary Syndromes. REVISTA ESPANOLA DE CARDIOLOGIA. 2020; 73(6).



Cardiovascular Imaging

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

17

Nº OF PAPERS JCR INDEXED

16

CITABLE ITEMS

65%(11)

Q1 (CITABLE ITEMS)

45%(5)

D1 (CITABLE ITEMS)

18%(2)

CUMULATIVE IF

133,97

AVERAGE IF

8,37

LEADING RESEARCHER

Pérez De Isla, Leopoldo

MEMBERS

Eduardo Pozo Osinalde
 Fabian O Nore Islas Ramírez
 José Alberto De Agustín Loeches
 José Juan Gómez De Diego
 María Luaces Mendez
 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.

SELECTED PUBLICATIONS

- Freitas-Ferraz, Afonso B., Lerakis, Stamatios, Ribeiro, Henrique Barbosa, Gilard, Martine, Cavalcante, Joao L., Makkar, Raj, Herrmann, Howard C., Windecker, Stephan, Enriquez-Sarano, Maurice, Cheema, Asim N., NOMBELA FRANCO, LUIS, Amat-Santos, Ignacio, Munoz-Garcia, Antonio J., Garcia del Blanco, Bruno, Zajarias, Alan, Lisko, John C., Hayek, Salim, Babaliaros, Vasilis, Le Ven, Florent, Gleason, Thomas G., Chakravarty, Tarun, Szeto, Wilson Y., Clavel, Marie-Annick, DE AGUSTIN LOECHES, JOSÉ ALBERTO, Serra, Vicenc, Schindler, John T., Dahou, Abdellaziz, Annabi, Mohamed-Salah, Pelletier-Beaumont, Emilie, Pibarot, Philippe, Rodes-Cabau, Josép. Mitral Regurgitation in Low-Flow, Low-Gradient Aortic Stenosis Patients Undergoing TAVR Insights From the TOPAS-TAVI Registry. JACC-CARDIOVASCULAR INTERVENTIONS. 2020; 13(5): 567-579. DOI: 10.1016/j.jcin.2019.11.042. IF: 8,432. (Q1).
- ARMIJO ASTRAIN, JAVIER EDUARDO, Estevez-Loureiro, Rodrigo, Carrasco-Chinchilla, Fernando, Arzamendi, Dabit, Fernandez-Vazquez, Felipe, JIMÉNEZ QUEVEDO, PILAR, Freixa, Xavier, Pascual, Isaac, Serrador, Ana María, Mesa, Dolores, Alonso-Briales, Juan H., Goicolea, Javier, Hernandez-Antolin, Rosana, Fernandez-Peregrina, Estefania, Alvarez, Ana Belen Cid, Andraka, Leire, Cruz-Gonzalez, Ignacio, Berenguer, Alberto, Sanchis, Juan, Gil, José Luis Diez, Hernandez-Garcia, José M., Li, Chi-Hion, Benito-Gonzalez, Tomas, DE AGUSTIN LOECHES, JOSÉ ALBERTO, Avanzas, Pablo, REGUEIRO GONZÁLEZ-BARROS, JOSÉ RAMÓN, Amat-Santos, Ignacio, Pan, Manuel, NOMBELA FRANCO, LUIS. Acute Kidney Injury After Percutaneous Edge-to-Edge Mitral Repair. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2020; 76(21): 2463-2473. DOI: 10.1016/j.jacc.2020.09.582. IF: 20,589. (Q1).
- PÉREZ DE ISLA, LEOPOLDO, Arroyo-Olivares, Raquel, Alonso, Rodrigo, Muniz-Grijalvo, Ovidio, Luis Diaz-Diaz, José, Zambon, Daniel, Fuentes, Francisco, Mata, Nelva, Piedecausa, Mar, Dolores Manas, M., Sanchez Munoz-Torrero, Juan F., Pablo Miramontes-Gonzalez, José, de Andres, Raimundo, Mauri, Marta, Aguado, Rocio, Brea, Angel, Cepeda, José M., Vidal-Pardo, José, Martínez-Faedo, Ceferino, Angel Barba, Miguel, Argueso, Rosa, Ruiz-Perez, Enrique, Michan, Alfredo, Arrieta, Francisco, Riestra Fernandez, María, Perez, Leire, Pinilla, José M., Diaz-Soto, Gonzalo, Pinto, Xavier, Padro, Teresa, Badimon, Lina, Mata, Pedro, Invest SAFEHEART. Incidence of cardiovascular events and changes in the estimated risk and treatment of familial hypercholesterolemia: the SAFEHEART registry. REVISTA ESPANOLA DE CARDIOLOGIA. 2020; 73(10): 828-834. DOI: 10.1016/j.recesp.2019.10.013. IF: 4,642. (Q1).

NEW NON COMPETITIVE FUNDING

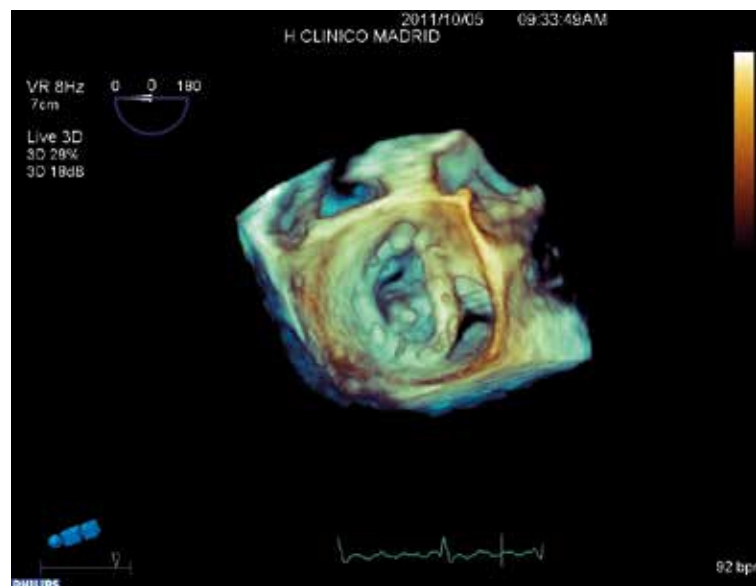
ECL.20/543. ESTUDIO OBSERVACIONAL AMBISPECTIVO PARA ANALIZAR EL MANEJO EVOLUTIVO DE LOS FÁRMACOS CON EFECTO PRONÓSTICO EN PACIENTES TRATADOS CON POLIPÍLORA COMO TRATAMIENTO DE BASE AL ALTA DE UN PRIMER SÍNDROME CORONARIO AGUDO. PI: . Funding Organisation: Ferrer.

DAI-LDL-2020-01. PERFIL DE LDL-C EN PACIENTES CON EVENTO CARDIOVASCULAR: UN ESTUDIO MULTICÉNTRICO RETROSPECTIVO EN ESPAÑA. PI: HEARTBEAT. Funding Organisation: Daiichi-Sankyo.

DSE-HCL-01-19. Tratamiento de pacientes dislipémicos con alto riesgo y muy alto riesgo para la prevención de eventos cardiovasculares en Europa - Estudio Multinacional Observacional (SANTORINI). PI: SANTORINI. Funding Organisation: Daiichi-Sankyo.

CLINICAL PRACTICE GUIDELINES

Escobar C, Anguita M, Arrarte V, Barrios V, Cequier Á, Cosín-Sales J, Egocheaga I, López de Sa E, Masana L, Pallarés V, Pérez de Isla L, Pintó X; Recommendations to improve lipid control. Consensus document of the Spanish Society of Cardiology. Rev Esp Cardiol (Engl Ed). 2020 Feb;73(2):161-167. English, Spanish. doi: 10.1016/j.rec.2019.08.012. Epub 2019 Dec 7. PMID: 31818706. Science Society: Sociedad Española de Cardiología (2020).



Arrhythmia

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

14

Nº OF PAPERS JCR INDEXED

13

CITABLE ITEMS

64%⁽⁹⁾

Q1 (CITABLE ITEMS)

56%⁽⁵⁾

D1 (CITABLE ITEMS)

11%⁽¹⁾

CUMULATIVE IF

31,65

AVERAGE IF

3,52



LEADING RESEARCHER

Pérez-Villacastín Domínguez, Julián

MEMBERS

Ana Martínez Rodríguez
 David Filgueiras Rama
 Josébe Goirigolzarri Artaza
 Luis Borrego Bernabé
 M^a Jesús García Torrent
 María Herreros Gil
 María Sánchez Sánchez
 María Victoria Cañadas Godoy
 Marta Lourdes Casas De La Cal
 Mónica Lamuedra Del Olmo
 Nicasio Pérez Castellano
 Ramón Bover Freire
 Ricardo Salgado Aranda
 Virginia Beatriz Cerron Rodríguez
 Juan José González Ferrer
 Jennifer Nuñez Chavarry



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.

Currently, three competitively funded projects are being developed, one of which is financed by the European Social Fund, and the other two by the national plan of the Ministry of Science and Innovation. The group is also involved in eight 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.

SELECTED PUBLICATIONS

- Cervigon, Raquel, Moreno, Javier, Millet, José, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN, Castells, Francisco. Pulmonary Vein Activity Organization to Determine Atrial Fibrillation Recurrence: Preliminary Data from a Pilot Study. *Mathematics*. 2020; 8(10): nana. DOI: 10.3390/math8101813. IF: 1,747. (Q1).
- VIVAS BALCONES, LUIS DAVID, Roldan, Vanessa, Asuncion Esteve-Pastor, María, Roldan, Inmaculada, Tello-Montoliu, Antonio, Miguel Ruiz-Nodar, Juan, Cosin-Sales, Juan, María Gamez, José, Consuegra, Luciano, Luis Ferreira, José, Marin, Francisco, Arrarte, Vicente, Anguita, Manuel, Cequier, Angel, PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Recommendations on antithrombotic treatment during the COVID-19 pandemic. Position statement of the Working Group on Cardiovascular Thrombosis of the Spanish Society of Cardiology. *REVISTA ESPANOLA DE CARDIOLOGIA*. 2020; 73(9): 749-757. DOI: 10.1016/j.recresp.2020.04.006. IF: 4,642. (Q1).
- de Lavallaz, Jeanne du Fay, Badertscher, Patrick, Kobori, Atsushi, Kuck, Karl-Heinz, Brugada, Josép, Boveda, Serge, Providencia, Rui, Khoeiry, Ziad, Luik, Armin, Squara, Fabien, Kosmidou, Ioanna, Davtyan, V, Elvan, Arif, PÉREZ CASTELLANO, NICASIO, Hunter, Ross J., Schilling, Richard, Knecht, Sven, Kojodjojo, Pipin, Wasserlauf, Jeremiah, Oral, Hakan, Matta, Mario, Jain, Sandeep, Anselmino, Matteo, Kuehne, Michael. Sex-specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: An individual patient data meta-analysis. *Heart Rhythm*. 2020; 17(8): 1232-1240. DOI: 10.1016/j.hrthm.2020.04.020. IF: 5,731. (Q1).

NEW NON COMPETITIVE FUNDING

CONV19/089. El convenio tiene por objeto el desarrollo de proyectos sobre el estudio de los mecanismos subyacentes y nuevas terapias en arritmias, tanto auriculares como ventriculares, la caracterización detallada de los mecanismos de inicio y mantenimiento de arritmia. PI: PÉREZ-VILLACASTÍN DOMÍNGUEZ, JULIÁN. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III.

AWARDS

Researcher aware: Jorge G. Quintanilla, José Manuel Alfonso-Almazán, Nicasio Pérez-Castellano, Sandeep V. Pandit, José Jalife, Julián Pérez-Villacastín, David Filgueiras-Rama. Winning work: Instantaneous Amplitude and Frequency Modulations Detect the Footprint of Rotational Activity and Reveal Stable Driver Regions as Targets for Persistent Atrial Fibrillation Ablation Circulation Research Volumen: 125 Número: Páginas: 609–627. Award: Premio al artículo más destacado de año en Arritmias.

Researcher aware: Ahmed Chamaisse Akari, Jesús Flores Soler, María Victoria Cañadas Godoy, Nicasio Pérez Castellano, Julián Pérez-Villacastín Domínguez, Francisco García González. Winning work: Crioablación de vía accesoria oculta lateral izquierda en presencia de divertículo gigante del seno coronario. La Semana del Ritmo. Reunión virtual de la Asociación del Ritmo y de la Sección de Estimulación Cardíaca de la Sociedad Española de Cardiología Reunión Virtual. 22-26 junio 2020. Award: Premio a la mejor comunicación de Ritmo 20."

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: Jorge García Quintanilla; David Filgueiras Rama; Nicasio Pérez. Castellano; Julián Pérez-Villacastín.

CLINICAL PRACTICE GUIDELINES

García Pinilla, Jose Manuel, Díez-Villanueva, Pablo, BOVER FREIRE, RAMÓN, Formiga, Francesc, Cobo Marcos, Marta, Bonanad, Clara, Crespo Leiro, Maria G., Ruiz García, Juan, Diaz Molina, Beatriz, Enjuanes Grau, Cristina, García, Lluís, Rexach, Lo. Consensus document and recommendations on palliative care in heart failure of the Heart Failure and Geriatric Cardiology Working Groups of the Spanish Society of Cardiology. *REVISTA ESPANOLA DE CARDIOLOGIA*. 2020; 73(1): 69-77.



Group on Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

7

Nº OF PAPERS JCR INDEXED

5

CITABLE ITEMS

100%⁽⁷⁾

Q1 (CITABLE ITEMS)

14%⁽¹⁾

CUMULATIVE IF

11,78

AVERAGE IF

2,35

LEADING RESEARCHER

López Farré, Antonio

MEMBERS

Antonio Ignacio Martín Conejero
 Begoña Larrea Cruz
 Francisco Javier Serrano Hernando
 Guillermo Moñux Ducajú
 José Antonio Herrero Calvo
 José Javier Zamorano León
 M^a Cruz Iglesias Moreno
 Manuel Gómez Serrano
 Meritxell López Gallardo
 Natalia De Las Heras Jiménez
 Vicente Lahera Juliá
 José Luis Álvarez-Sala Walther
 Sandra Ballesteros Rodrigálvarez
 Khaoula Zekri Nechar
 Antonio Martín Conejero

OVERVIEW



Our group "Predictive biomedicine and traslational research of respiratory, cardiovascular and metabolic diseases" is focused on two main translational research lines: On one hand, on the research of biomarkers of prognosis / diagnosis and drug response, on the signaling pathways associated with cardiovascular pathophysiology, and on the action of drugs used in the treatment of cardiovascular diseases. For this purpose, classical molecular biology techniques (Western blot, ELISA etc.), and 2DE proteomics and mass spectrometry are performed. The second research line focuses on the study of genetic alterations associated with sudden death in sports, primarily using genetic and epigenetic studies.

SELECTED PUBLICATIONS

- ▶ MENDEZ BAILON, MANUEL, Jimenez-Garcia, Rodrigo, Hernandez-Barrera, Valentin, de Miguel-Diez, Javier, de Miguel-Yanes, José M., Munoz-Rivas, Nuria, Lorenzo-Villalba, Noel, Carabantes-Alarcon, David, ZAMORANO LEÓN, JOSÉ JAVIER, Astasio-Arbiza, Paloma, Ortega-Molina, Paloma, Lopez-de-Andres, Ana. Heart Failure Is a Risk Factor for Suffering and Dying of Clostridium difficile Infection. Results of a 15-Year Nationwide Study in Spain. Journal of Clinical Medicine. 2020; 9(3): na-na. DOI: 10.3390/jcm9030614. IF: 3,303. (Q1).
- ▶ ZAMORANO LEÓN, JOSÉ JAVIER, Gascon, Martin, Martinez, Carlos H., Freixer, Gala, Guerra, Redy, Zekri-Nechar, Khaoula, BERNARDO GARCÍA, MARÍA ESTHER, de la Serna-Soto, Mariano, Segura, Antonio, Giner, Manel, Garcia-Fernandez, Miguel A., MACAYA MIGUEL, CARLOS, Lopez-Farre, Antonio J. . Platelet Apoptotic Response May Be Associated With the Capacity of Aspirin to Inhibit Platelets. JOURNAL OF CARDIOVASCULAR PHARMACOLOGY. 2020; 76(5): 584-591. DOI: 10.1097/FJC.0000000000000908. IF: 2,598. (Q2).
- ▶ Castellon Rubio, Victoria E., PÉREZ SEGURA, PEDRO, Munoz, Andres, LÓPEZ FARRÉ, ANTONIO, Canosa Ruiz, Liliانا, Lorente, Jose A. . High plasma levels of soluble P-Selectin and Factor VIII predict venous thromboembolism in non-small cell lung cancer patients: The Thrombo-Nscl risk score. THROMBOSIS RESEARCH. 2020; 196. 349-354. DOI: 10.1016/j.thromres.2020.09.021. IF: 2,869. (Q2).

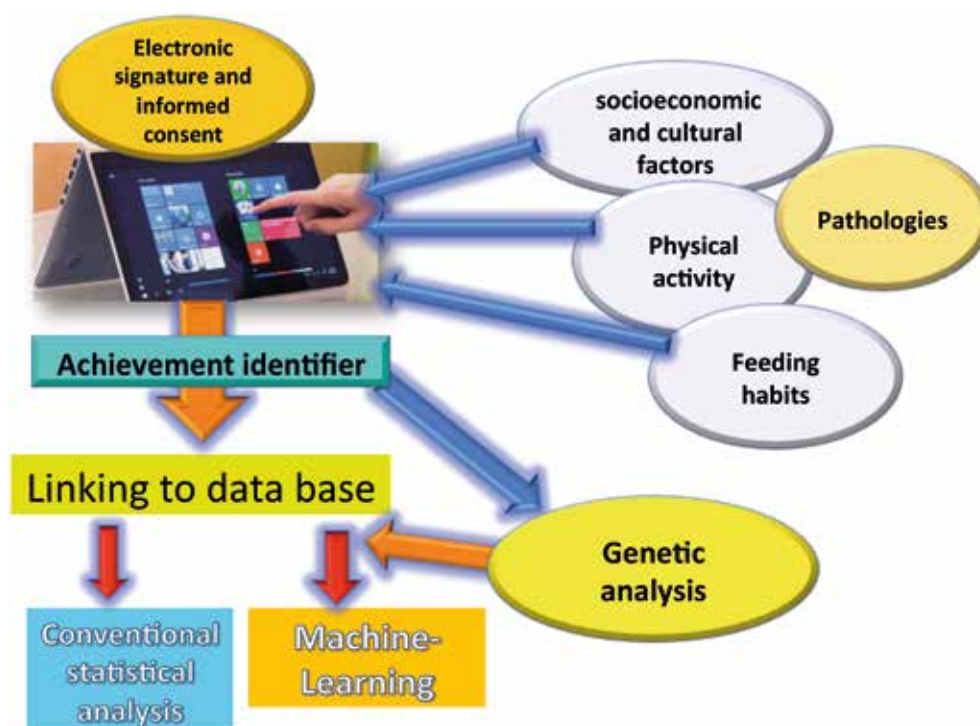
NEW NON COMPETITIVE FUNDING

ALF.M04BAY. Convenio colaboración para la ejecución de un estudio: Rivaroxaban and COVID-19. PI: LÓPEZ FARRÉ, ANTONIO. Funding Organisation: BAYER HISPANIA, S.L.U.



DOCTORATE THESES

Doctoral candidate: na. Thesis title: La respuesta de la plaqueta a la aspirina determina la capacidad apoptótica plaquetar Director(s): Antonio López Farré, José Javier Zamorano. University: Universidad Complutense de Madrid.



Valvular Pathology and Large Vessels

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

28

N° OF PAPERS JCR INDEXED

24

CITABLE ITEMS

43%⁽¹²⁾

Q1 (CITABLE ITEMS)

25%⁽³⁾

CUMULATIVE IF

29,59

AVERAGE IF

3,28



LEADING RESEARCHER

Vilacosta, Isidre

MEMBERS

Carmen Olmos Blanco
 Elisa Pérez- Cecilia Carrera
 Luis Carlos Maroto Castellanos



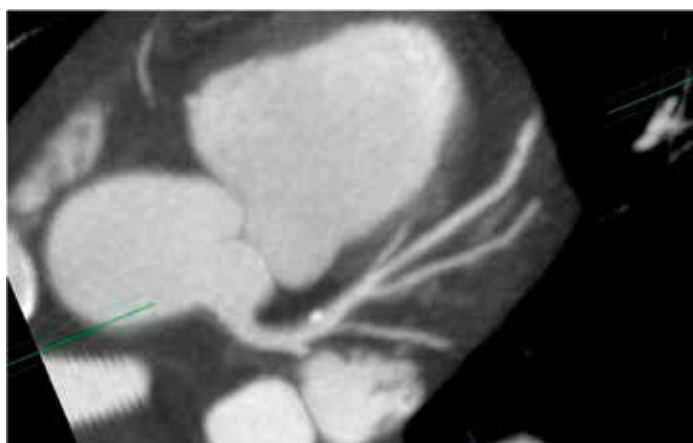
OVERVIEW

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).

SELECTED PUBLICATIONS

- Freitas-Ferraz, Afonso B., TIRADO CONTE, GABRIELA, VILACOSTA, ISIDRE, OLMOS BLANCO, CARMEN, Saez, Carmen, LÓPEZ MARTÍN, JAVIER, Sarria, Cristina, Perez-Garcia, Carlos Nicolas, Garcia-Arribas, Daniel, Ciudad, Mariánela, Garcia-Granja, Pablo Elpidio, Ladron, Raquel, FERRERA DURAN, CARLOS FELIPE, Di Stefano, Salvatore, MAROTO CASTELLANOS, LUIS CARLOS, CARNERO ALCAZAR, MANUEL, San Roman, J. Alberto. Contemporary epidemiology and outcomes in recurrent infective endocarditis. *Heart*. 2020; 106(8): 596-602. DOI: 10.1136/heartjnl-2019-315433. IF: 5,213. (Q1).
- Elpidio Garcia-Granja, Pablo, LÓPEZ MARTÍN, JAVIER, VILACOSTA, ISIDRE, Sarria, Cristina, Dominguez, Fernando, Ladron, Raquel, OLMOS BLANCO, CARMEN, Saez, Carmen, Vilches, Silvia, Garcia-Arribas, Daniel, Cobo-Marcos, Marta, Ramos, Antonio, MAROTO CASTELLANOS, LUIS CARLOS, Gomez, Itziar, Carrasco, Manuel, Garcia-Pavia, Pablo, Alberto San Roman, J.. Predictive model of in-hospital mortality in left-sided infective endocarditis. *REVISTA ESPAÑOLA DE CARDIOLOGIA*. 2020; 73(11): 902-909. DOI: 10.1016/j.recesp.2020.04.010. IF: 4,642. (Q1).
- Alberto San Roman, José, VILACOSTA, ISIDRE, Antunes, Manuel J., Iung, Bernard, LÓPEZ MARTÍN, JAVIER, Schaefer, Hans-Joachim. The 'wait for symptoms' strategy in asymptomatic severe aortic stenosis. *Heart*. 2020; 106(23): 1792-1797. DOI: 10.1136/heartjnl-2020-317323. IF: 5,213. (Q1).



Translational Research in Acute Myocardial Syndromes (INTEGRA)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

66

N° OF PAPERS JCR INDEXED

62

CITABLE ITEMS

79%(52)

Q1 (CITABLE ITEMS)

33%(17)

D1 (CITABLE ITEMS)

10%(5)

CUMULATIVE IF

221,19

AVERAGE IF

4,61



LEADING RESEARCHER

Fernández Ortiz, Antonio Ignacio

MEMBERS

Ana Viana Tejedor
 Carlos Felipe Ferrera Duran
 Diana Tapia Solascasas
 Francisco Javier Noriega Sanz
 Iván Javier Núñez Gil
 Javier Higuera Nafria
 Luis David Vivas Balcones
 María Esther Bernardo García
 Silvia Mera González
 Verónica Alvarez Morales



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, FICI, CNIC, SEC, MM).

SELECTED PUBLICATIONS

- Jeronimo, Adrian, Ferrandez-Escarabajal, Marcos, FERRERA DURAN, CARLOS FELIPE, NORIEGA SANZ, FRANCISCO JAVIER, Diz-Diaz, Jesus, Fernandez-Jimenez, Rodrigo, McInerney, Angela, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, VIANA TEJEDOR, ANA. Cardiogenic Shock Clinical Presentation, Management, and In-Hospital Outcomes in Patients Admitted to the Acute Cardiac Care Unit of a Tertiary Hospital: Does Gender Play a Role?. Journal of Clinical Medicine. 2020; 9(10): na-na. DOI: 10.3390/jcm9103117. IF: 3,303. (Q1).
- Lopez-Melgar, Beatriz, Fernandez-Friera, Leticia, Oliva, Belen, Manuel Garcia-Ruiz, José, Sanchez-Cabo, Fatima, Bueno, Hector, María Mendiguren, José, Lara-Pezzi, Enrique, Andres, Vicente, IBÁÑEZ CABEZA, BORJA, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, SANZ ORTEGA, JULIÁN, Fuster, Valentin. Short-Term Progression of Multiterritorial Subclinical Atherosclerosis. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2020; 75(14): 1617-1627. DOI: 10.1016/j.jacc.2020.02.026. IF: 20,589. (Q1).
- de la Chica, José A., Gomez-Talavera, Sandra, Garcia-Ruiz, José M., Garcia-Lunar, Ines, Oliva, Belen, Fernandez-Alvira, Juan M., Lopez-Melgar, Beatriz, Sanchez-Gonzalez, Javier, de la Pompa, José L., Mendiguren, José M., Martínez de Vega, Vicente, FERNÁNDEZ ORTIZ, ANTONIO IGNACIO, SANZ ORTEGA, JULIÁN, Fernandez-Friera, Leticia, IBÁÑEZ CABEZA, BORJA, Fuster, Valentin. Association Between Left Ventricular Noncompaction and Vigorous Physical Activity. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2020; 76(15): 1723-1733. DOI: 10.1016/j.jacc.2020.08.030. IF: 20,589. (Q1).

AWARDS

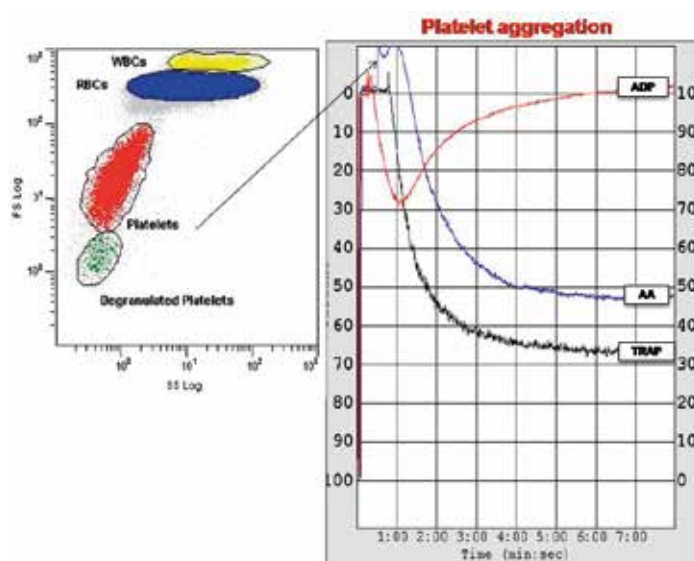
Researcher aware: FERRERA DURAN, CARLOS FELIPE. Winning work: Award: XXV Premio Científico - 1º Mejor trabajo científico original publicado.

Researcher aware: CARLOS FELIPE FERRERA DURAN, ISIDRE VILACOSTA Y LUIS MAROTO. Winning work: Código Aorta. Award: Accésit. Premio Cátedra NOVARTIS 2020.

NEW NON COMPETITIVE FUNDING

ECL20/439. KISS.Keep Bifurcation Single Stenting Simple. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: CERC.

ECL2019/121. 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 (REFORM. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: BIOSENSORS.



Myocardial Regeneration Therapy

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

45

N° OF PAPERS JCR INDEXED

44

CITABLE ITEMS

60%(27)

Q1 (CITABLE ITEMS)

63%(17)

D1 (CITABLE ITEMS)

41%(11)

CUMULATIVE IF

223,80

AVERAGE IF

8,61



LEADING RESEARCHER

Jiménez Quevedo, Pilar

MEMBERS

Luis Nombela Franco

M^a Aranzazu Ortega Pozzi

María Del Trigo Espinosa

OVERVIEW

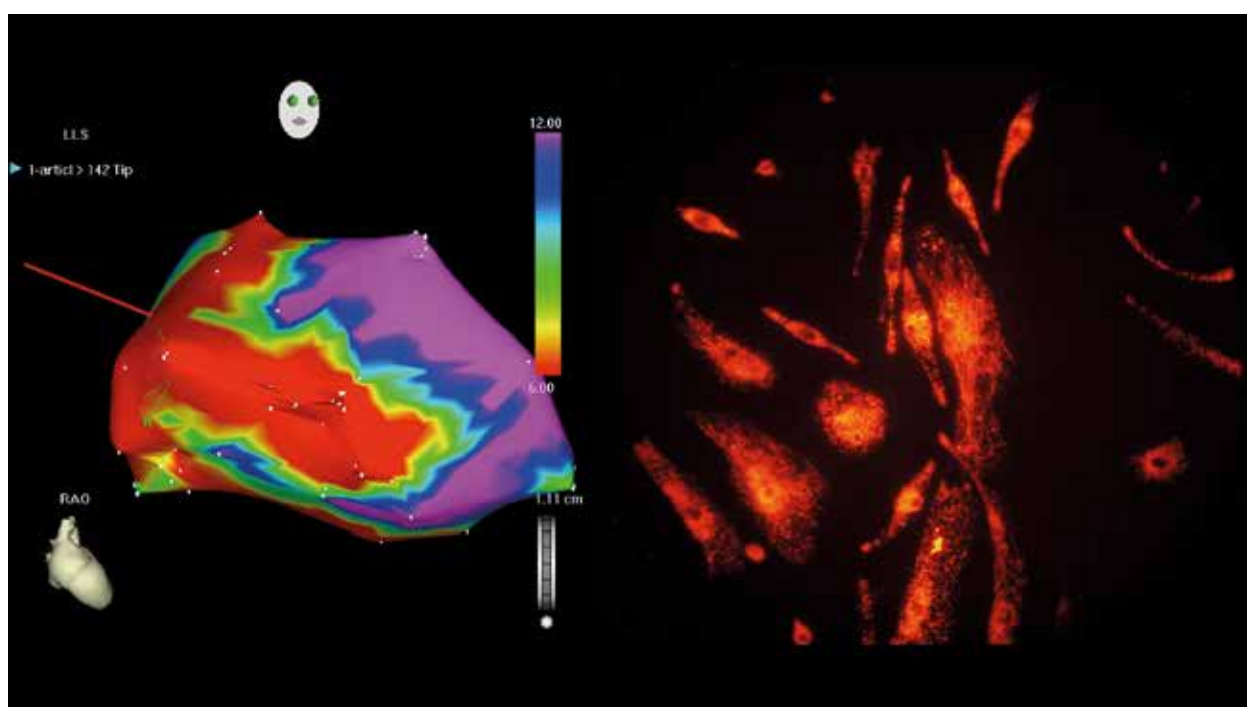
The advanced therapies for cardiac regeneration and structural heart disease group at Hospital San Carlos consists of both cardiologists and cell biologists (4 professionals in total). The team aims to accomplish clinical and translational research in advanced cardiac pathologies. The members of this group are experts in the procurement, isolation, and the administration of intra cardiac stem cells in patients without other therapeutic options. The group also specializes in the new percutaneous intracardiac devices for the treatment of valvular heart disease or heart failure. The ultimate goal is to improve both the symptomatology and the prognosis of patients with high morbidity and mortality rates. The members of the group are experts in cell therapies, the percutaneous treatment of valvular heart disease and have broad experience in development of randomized clinical trials

SELECTED PUBLICATIONS

- ▶ **ARMIJO ASTRAIN, JAVIER EDUARDO**, Tang, Gilbert H L, Kooistra, Nynke, Ferreira-Neto, Alfredo Nunes, Toggweiler, Stefan, Amat-Santos, Ignacio J, Keller, Lukas S, Urena, Marina, Ahmad, Hasan, Tafur Soto, José, Muñoz-García, Erika, **REGUEIRO GONZÁLEZ**-. Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry. *Circulation-Cardiovascular Interventions*. 2020; 13(8): na-na. DOI: 10.1161/CIRCINTERVENTIONS.120.009047. IF: 5,493. (Q1).
- ▶ **ARMIJO ASTRAIN, JAVIER EDUARDO**, Estevez-Loureiro, Rodrigo, Carrasco-Chinchilla, Fernando, Arzamendi, Dabit, Fernandez-Vazquez, Felipe, **JIMÉNEZ QUEVEDO, PILAR**, Freixa, Xavier, Pascual, Isaac, Serrador, Ana María, Mesa, Dolores, Alonso-Briales, Juan. Acute Kidney Injury After Percutaneous Edge-to-Edge Mitral Repair. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 2020; 76(21): 2463-2473. DOI: 10.1016/j.jacc.2020.09.582. IF: 20,589. (Q1).
- ▶ **Giacoppo, Daniele, ALFONSO MANTEROLA, FERNANDO**, Xu, Bo, Claessen, Bimmer E P M, Adriaenssens, Tom, Jensen, Christoph, **PÉREZ VIZCAYNO, MARÍA JOSÉ**, Kang, Do-Yoon, Degenhardt, Ralf, Pleva, Leos, Baan, Jan, Cuesta, Javier, Park, Duk-Woo, Schunkert, Heribert, Colleran, Roisin, Kukla, Pavel, **JIMÉNEZ QUEVEDO, PILAR**, Unverdorben, Martin, Gao, Runlin, Naber, Christoph K, Park, Seung-Jung, Henriques, José P S, Kastrati, Adnan, Byrne, Robert A. Paclitaxel-coated balloon angioplasty vs. drug-eluting stenting for the treatment of coronary in-stent restenosis: a comprehensive, collaborative, individual patient data meta-analysis of 10 randomized clinical trials (DAEDALUS study). *EUROPEAN HEART JOURNAL*. 2020; 41(38): 3715-3728. DOI: 10.1093/eurheartj/ehz594. IF: 22,673. (Q1).

CLINICAL PRACTICE GUIDELINES

Manuel Jiménez Navarro, Almudena Castro, Sara Ballesteros Pradas, Concepción Cruzado Álvarez, Juan José Gómez Doblas, Domingo Marzal Martín, Susana Del Prado, Félix Valencia Serrano, Irene Bretón, Fernando Gómez Peralta, Didac Mauricio, Alfonso Soto González, Vivencio Barrios, Alberto Cordero, Juan Cosin-Sales, Xavier García-Moll, José María García Pinilla, Pilar Jiménez Quevedo, Julio Núñez Villota, Rafael Romaguera Torres, Fernando Arribas, Gemma Berga Congost, Héctor Bueno, Arturo Evangelista, Ignacio Ferreira-González, Manuel Jiménez Navarro, Francisco Marín, Leopoldo Pérez de Isla, Antonia Sambola, Rafael Vázquez, Ana Viana-Tejedor, Borja Ibáñez, Fernando Alfonso. ESC guidelines on diabetes, prediabetes, and cardiovascular diseases; Spanish Society of Cardiology; Spanish Society of Endocrinology and Nutrition; Expert reviewers for the 2019 ESC guidelines on diabetes, prediabetes, and cardiovascular diseases; SEC Guidelines Committee. Comments on the 2019 ESC guidelines on diabetes, prediabetes, and cardiovascular disease. Science Society: Joint Working Group of the Spanish Society of Cardiology and Spanish Society of Endocrinology and Nutrition (2020).



Cardiovascular Risk

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

17

Nº OF PAPERS JCR INDEXED

15

CITABLE ITEMS

94%⁽¹⁶⁾

Q1 (CITABLE ITEMS)

44%⁽⁷⁾

D1 (CITABLE ITEMS)

13%⁽²⁾

CUMULATIVE IF

45,21

AVERAGE IF

3,23



LEADING RESEARCHERS

Martell Claros, Nieves
 Gómez Garre, Dulcenombre

MEMBERS

Adriana Ortega Hernández
 Ángel Manuel Molino Gonzalez
 Ángel Nieto Sánchez
 Arantzazu Álvarez De Arcaya Vicente
 Aránzazu Barbero Pedraz
 Arturo Corbatón Anchuelo
 Javier Marco Martínez
 Javier Modrego Martín
 José María Pedrajas Navas
 Leonardo Félix Reinares García
 Manuel Méndez Bailon
 María Abad Cardiel
 Matilde Rodríguez Cerrillo
 Rubén Gómez-Gordo Díaz
 Victoria Laguna Calle

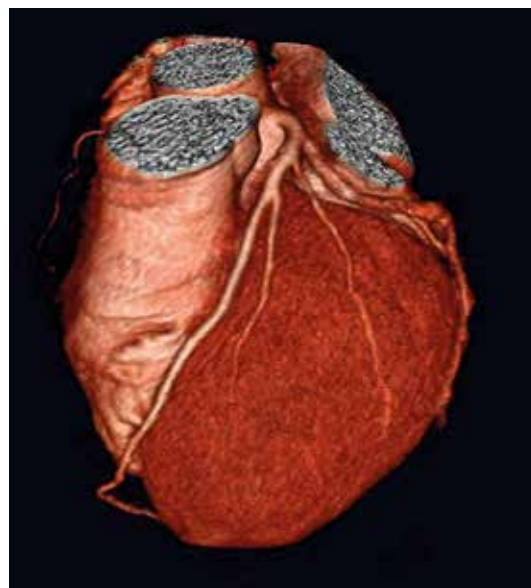


OVERVIEW

The group has always focused on clinical and experimental research in the area of Cardiovascular Prevention, it started off using health care techniques for the evaluation, diagnosis and monitoring of major risk factors, such as hypertension, diabetes, dyslipidemia and obesity. A large number of researchers have been trained in our laboratory, and 30 doctoral theses have been concluded. Today, some of the doctorates occupy important positions in hospitals, universities and private companies.

SELECTED PUBLICATIONS

- ▶ ORTEGA HERNÁNDEZ, ADRIANA, Martínez-Martínez, Ernesto, GÓMEZ-GORDO DÍAZ, RUBÉN, Lopez-Andres, Natalia, Fernandez-Celis, Amaya, Gutierrez-Miranda, Beatriz, Luisa Nieto, María, Alarcon, Teresa, ALBA LÓPEZ, CRISTINA, GÓMEZ GARRE, DULCENOMBRE, Cachafeiro, Victoria. The Interaction between Mitochondrial Oxidative Stress and Gut Microbiota in the Cardiometabolic Consequences in Diet-Induced Obese Rats. *ANTIOXIDANTS*. 2020; 9(7): na-na. DOI: 10.3390/antiox9070640. IF: 5,014. (Q1).
- ▶ Gutierrez-Calabres, Elena, ORTEGA HERNÁNDEZ, ADRIANA, MODREGO MARTIN, JAVIER, GÓMEZ-GORDO DÍAZ, RUBÉN, Caro-Vadillo, Alicia, RODRÍGUEZ- BOBADA GONZÁLEZ DEL CAMPO, MARÍA CRUZ, GONZÁLEZ DÍAZ, PABLO, GÓMEZ GARRE, DULCENOMBRE. Gut Microbiota Profile Identifies Transition From Compensated Cardiac Hypertrophy to Heart Failure in Hypertensive Rats. *Hypertension*. 2020; 76(5): 1545-1554. DOI: 10.1161/HYPERTENSIONAHA.120.15123. IF: 7,713. (Q1).
- ▶ Torres-Do Rego, Ana, Barrientos, Maria, ORTEGA HERNÁNDEZ, ADRIANA, MODREGO MARTIN, JAVIER, GÓMEZ-GORDO DÍAZ, RUBÉN, Alvarez-Sala, Luis A., Cachafeiro, Victoria, GÓMEZ GARRE, DULCENOMBRE. Identification of a Plasma Microrna Signature as Biomarker of Subaneurysmal Aortic Dilation in Patients with High Cardiovascular Risk. *Journal of Clinical Medicine*. 2020; 9(9): na-na. DOI: 10.3390/jcm9092783. IF: 3,303. (Q1).



NEW NON COMPETITIVE FUNDING

ECL.20/332. EFECTO DE LOS PROBIÓTICOS EN EL RIESGO DE INFECCIÓN POR SARS-CoV-2 Y SUS COMPLICACIONES EN POBLACIONES ALTAMENTE EXPUESTAS. PI: GÓMEZ GARRE, DULCENOMBRE.

MMB.F01VIF. Donación para el estudio "Análisis de los procedimientos endoscópicos (endoscopia y colonoscopia) en el paciente hospitalizado por insuficiencia cardíaca. (2001-2015)". PI: MENDEZ BAILON, MANUEL. Funding Organisation: VIFOR PHARMA ESPAÑA S.L.



The image features a solid brown background. On the left side, there are three vertical bars of equal height. The first two bars are composed of two stacked rectangular segments: the top segment is a lighter shade of brown, and the bottom segment is a darker shade. The third bar is a single, solid dark brown rectangle. To the right of these bars is a large, light brown hexagon. Inside the hexagon, there is a smaller, dark brown hexagon. The text 'INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY' is written in white, bold, uppercase letters across the center of the large hexagon, positioned between the two nested hexagons.

**INFLAMMATION, INFECTION,
IMMUNITY AND ALLERGY**

GROUPS

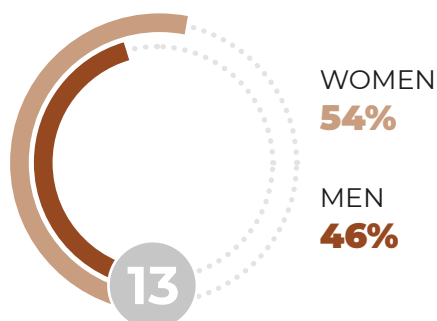
IIIA.1	Allergy
IIIA.2	Genetics and molecular bases of complex diseases
IIIA.3	Musculoskeletal Pathology
IIIA.7	Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest
IIIA.8	Kidney transplant
IIIA.9	Infectious Diseases/HIV
IIIA.10	Research on INA Infectious Disease
IIIA.11	Cell-biomaterial Interactions (BIO UCM)
IIIA.12	Immunology
IIIA.13	Organ and tissue on chip group and In-Vitro detection



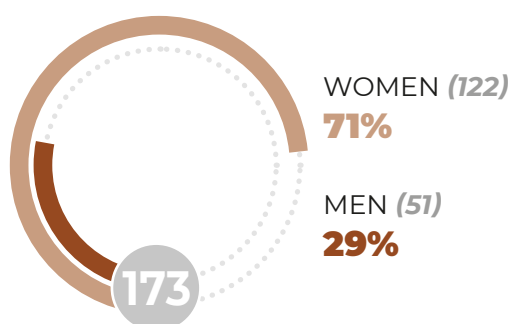
ANNUAL GOALS

	COMPLETED	NOT COMPLETED
<i>Promoting cooperation in competitive research projects between groups in the area.</i>	✓	X
<i>Promoting cooperation in competitive research projects between groups from other areas.</i>	✓	X
<i>Promoting cooperation in publications between groups in the area.</i>	✓	X
<i>Maintaining participation in Public Networks</i>	✓	X
<i>Actions in line with the lines of the Strategic Plan in force.</i>	✓	X
<i>Training actions completed</i>	✓	X

GROUP LEAD RESEARCHERS



TOTAL PROFESSIONALS IN THE AREA



SCIENTIFIC PRODUCTION



OPEN ACCESS

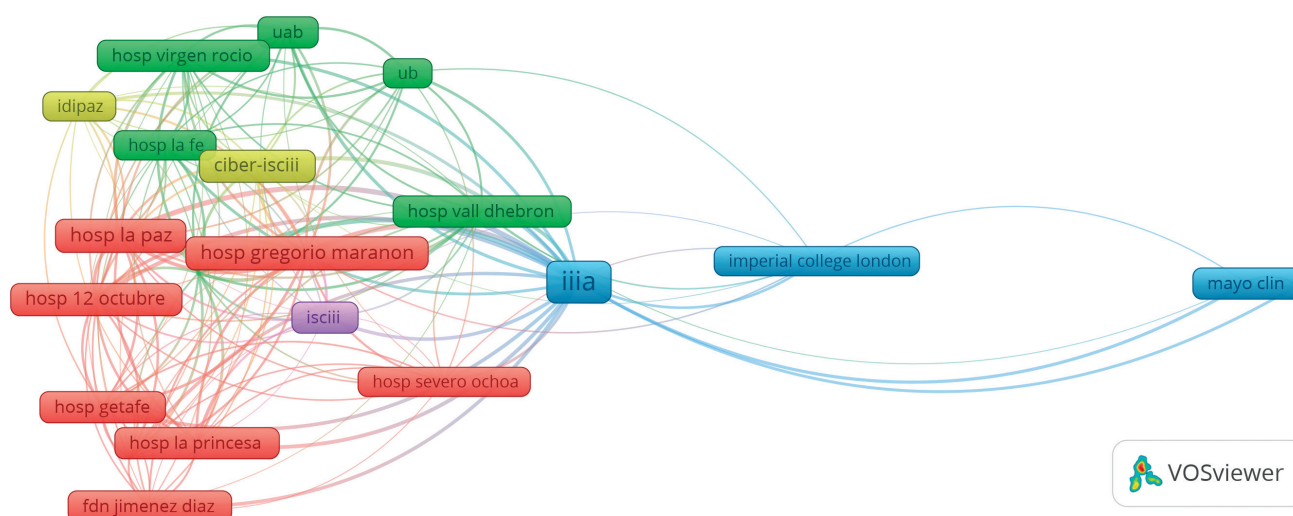


JOURNALS WITH THE HIGHEST PUBLICATION RATE IN THE AREA

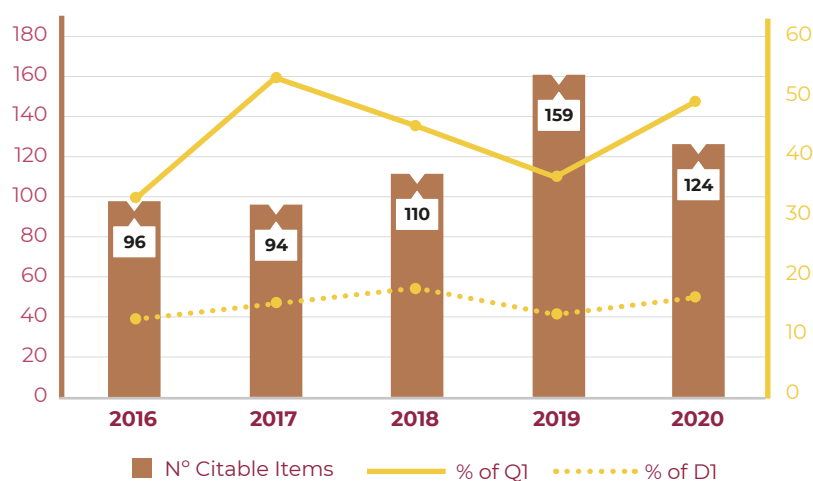
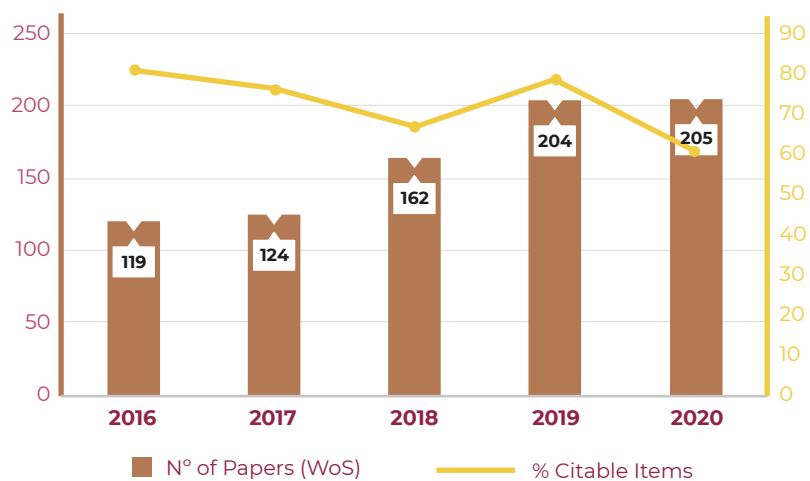
During 2020, the IIIA area`s researchers have published in a total of 106 different journals. The top 5 journals where they publish the most are shown below. It represents the 29,75% of the scientific production of this IdiSSC area. All of these journals are in the first quartile of the JCR 2020 for their thematic category. Three journals are in the Top 10 in their WoS category.

Journal	Nº of Papers (WoS)	Times Cited	Nº Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
MULTIPLE SCLEROSIS JOURNAL	25	3	2	2	Q1 (28/208)	Clinical Neurology	1.546	1.50	5.661
EUROPEAN JOURNAL OF NEUROLOGY	14	33	1	31	Q1 (30/208)	Clinical Neurology	1.595	1.30	5.873
ANNALS OF THE RHEUMATIC DISEASES	10	67	6	67	Q1 (2/34)	Rheumatology	4.825	3.82	17.412
JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE	7	26	5	21	Q1 (3/28)	Allergy	2.352	1.55	7.352
ALLERGY	5	24	4	24	Q1 (1/28)	Allergy	2.314	2.11	10.480
Total	61	153	18	145					

SCIENTIFIC COLLABORATION BY CENTER (> 10 PAPERS)



SCIENTIFIC PRODUCTION (2016-2020)



Σ **548,547** Total impact factor

$\bar{X}$ **4,688** Average impact factor

SELECTED 5 PUBLICATIONS

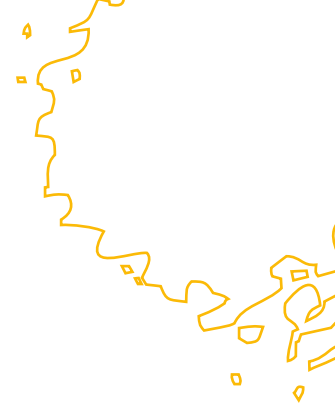
 CASARRUBIOS MOLINA, LAURA, Gomez-Cerezo, N. , Sanchez-Salcedo, S. , FEITO CASTELLANO, MARIA JOSE, Serrano, M. C. , Saiz-Pardo, M. , ORTEGA MEDINA, LUIS, de Pablo, D. , Diaz-Guemes, I. , Fernandez-Tome, B. , Enciso, S. , Sanchez-Margallo, F. M. , PORTOLÉS PÉREZ, MARÍA TERESA, Arcos, D. , Vallet-Regi, M. . Silicon substituted hydroxyapatite/VEGF scaffolds stimulate bone regeneration in osteoporotic sheep. ACTA BIOMATERIALIA. 2020; 101: 544-553. DOI: 10.1016/j.actbio.2019.10.033. IF: 7,242. (Q1).

 FREITES NUÑEZ, DALIFER DAYANIRA, LEÓN MATEOS, LETICIA, MUCIENTES RUÍZ, ARKAITZ, RODRÍGUEZ RODRÍGUEZ, LUIS, Font Urgelles, Judit, Madrid García, Alfredo , Colomer, Jose I , JOVER JOVER, JUAN ÁNGEL, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, ABÁSULO ALCAZAR, LYDIA. Risk factors for hospital admissions related to COVID-19 in patients with autoimmune inflammatory rheumatic diseases.. ANNALS OF THE RHEUMATIC DISEASES. 2020; 79(11): 1393-1399. DOI: 10.1136/annrheumdis-2020-217984. IF: 16,102. (Q1).

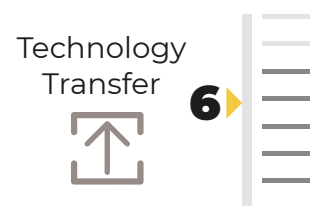
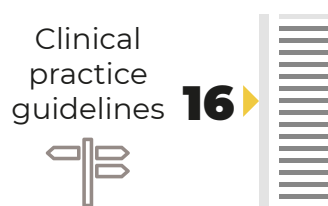
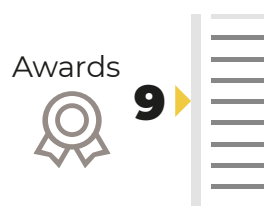
 Rodriguez-Cubillo, Beatriz , de la Higuera, Maria Angeles Moreno , Lucena, Rafael , Franci, Elena V. , Hurtado, Maria , Romero, Natividad C. , Moreno, Antolina R. , Valencia, Daniela , Velo, Mercedes , Fornie, Inigo S. , SÁNCHEZ FRUCTUOSO, ANA ISABEL. Should cyclosporine be useful in renal transplant recipients affected by SARS-CoV-2?. AMERICAN JOURNAL OF TRANSPLANTATION. 2020; 20(11): 3173-3181. DOI: 10.1111/ajt.16141. IF: 7,338. (Q1).

 Guerrero-Beltran, Carlos , Martinez-Sanz, Javier , Alvarez, Marta , Olalla, Julian , Garcia-Alvarez, Monica , Antonio Iribarren, Jose , Masia, Mar , Montero, Marta , Garcia-Bujalance, Silvia , Ramon Blanco, Jose , Rivero, Maria , Jesus Garcia-Fraile, Lucio , Espinosa, Nuria , Rodriguez, Carmen , Aguilera, Antonio , Carmen Vidal-Ampurdanes, Maria , Martinez, Marina , Iborra, Asuncion , Imaz, Arkaitz , Luis Gomez-Sirvent, Juan , Peraire, Joaquim , Portilla, Joaquin , Caballero, Estrella , Alejos, Belen , Garcia, Federico , Moreno, Santiago , RODRÍGUEZ MARTÍN, CARMEN. The algorithm used for the interpretation of doravirine transmitted drug resistance strongly influences clinical practice and guideline recommendations. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(5): 1294-1300. DOI: 10.1093/jac/dkaa009. IF: 5,439. (Q1).

 Alejos, Belen , Suarez-Garcia, Ines , Rava, Marta , Bautista-Hernandez, Azucena , Gutierrez, Felix , Dalmau, David , SAGASTAGOITIA FORNIE, IÑIGO, Rivero, Antonio , Moreno, Santiago , Jarrin, Inma , RODRÍGUEZ MARTÍN, CARMEN. Effectiveness and safety of first-line antiretroviral regimens in clinical practice: a multicentre cohort study. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(10): 3004-3014. DOI: 10.1093/jac/dkaa246. IF: 5,439. (Q1).



ACTIVITY



Allergy

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

16

Nº OF PAPERS JCR INDEXED

16

CITABLE ITEMS

63%⁽¹⁾

Q1 (CITABLE ITEMS)

40%⁽⁴⁾

D1 (CITABLE ITEMS)

10%⁽¹⁾

CUMULATIVE IF

46,76

AVERAGE IF

4,68



LEADING RESEARCHER

Fernández Rivas, María Montserrat

MEMBERS

Alejandro Gonzalo Fernández
Ana Julia Hernández Hernández
Inmaculada Cerecedo Carballo
Leticia Sanchez Morillas
Luis Zayas Romero
María Luisa González Gutiérrez
María Mar San Julián Esteban
María Mercedes Cimarra Álvarez-Lowell
Natalia Patricia Freundt Serpa
Rosialzira Natasha Vera Berrios
Sonia Vázquez Cortés
Teresa Robledo Echarren



OVERVIEW

The Allergy group is composed of researchers from different professional backgrounds, being Dr. Montserrat Fernández Rivas the principal investigator. Food allergy is the main research line in which different aspects have been addressed in projects funded by national agencies (OVAL, CoALE, SOLMI-LK, Profilin-mucosal role, BIOGRAL-SEVERAL funded by ISCIII and the Ministry of Economy), the European Community (EuroPrevall, FAST, iFAAM), and the pharmaceutical industry. 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. The safety and efficacy of oral immunotherapy with milk, egg and peanut and of subcutaneous immunotherapy with parvalbumin in fish allergy is being investigated. In addition, factors associated with the severity of food allergies in profilin sensitized patients, in subjects with lipid transfer protein allergy, and the role of proton-pump inhibitors and cofactors are being investigated. A severity score has been developed for its application in clinical practice, and in epidemiological and interventional studies.

Finally, food safety aspects are addressed through the establishment and validation of the response threshold to milk, egg, hazelnut and walnut. The Allergy Group closely works with other HSCS groups (Epidemiology Unit, Clinical Pharmacology), and with Spanish and European clinical and basic groups for the development of these activities.

SELECTED PUBLICATIONS

- Kraft, Magdalena, Knop, Macarena Pia, Renaudin, Jean-Marie, Scherer Hofmeier, Kathrin, Pföhler, Claudia, Bilò, María Beatrice, Lang, Roland, Treudler, Regina, Wagner, Nicola, Spindler, Thomas, Hourihane, Jonathan O'B, Maris, Ioana, Koehli, Alice, Bauer, Andrea, Lange, Lars, Müller, Sabine, Papadopoulos, Nikolaos G, Wedi, Bettina, Moeser, Anne, Ensina, Luis F, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Cichocka-Jarosz, Ewa, Christoff, George, Garcia, Blanca E, Poziomkowska-Gesicka, Iwona, Cardona, Victoria, Mustakov, Tihomir B, Rabe, Uta, Mahler, Vera, Grabenhenrich, Linus, Dölle-Bierke, Sabine, Worm, Margitta, Network for Online Registration of Anaphylaxis (NORA) . Secondary prevention measures in anaphylaxis patients: Data from the anaphylaxis registry. *Allergy*. 2020; 75(4): 901-910. DOI: 10.1111/all.14069. IF: 8,706. (Q1).
- Li, Jing, Ogorodova, Ludmila M, Mahesh, Padukudru Anand, Wang, Maggie Haitian, Fedorova, Olga Sergeevna, Leung, Ting Fan, FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Mills, E N Clare, Potts, James, Kummeling, Ischa, Versteeg, Serge A, van Ree, Ronald, Yazdanbakhsh, María, Burney, Peter G J, Wong, Gary W K. Comparative Study of Food Allergies in Children from China, India, and Russia: The EuroPrevall-INCO Surveys. *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE*. 2020; 8(4): 1349-. DOI: 10.1016/j.jaip.2019.11.042. IF: 7,574. (Q1).
- Lyons, Sarah A., Clausen, Michael, Knulst, Andre C., Ballmer-Weber, Barbara K., FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, BARREALES TOLOSA, LAURA, Bieli, Christian, Dubakiene, Ruta, FERNÁNDEZ PÉREZ, CRISTINA, Jedrzejczak-Czechowicz, Monika, Kowalski, Marek L., Kralimarkova, Tanya, Kummeling, Ischa, Mustakov, Tihomir B., Papadopoulos, Nikolaos G., Popov, Todor A., Xepapadaki, Paraskevi, Welsing, Paco M. J., Potts, James, Mills, E. N. Clare, van Ree, Ronald, Burney, Peter G. J., Thuy-My Le . Prevalence of Food Sensitization and Food Allergy in Children Across Europe. *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE*. 2020; 8(8): 2736-2736. DOI: 10.1016/j.jaip.2020.04.020. IF: 7,574. (Q1).

CLINICAL PRACTICE GUIDELINES

Cardona V, Ansotegui IJ, Ebisawa M, El-Gamal Y, FERNÁNDEZ RIVAS M, Fineman S, Geller M, Gonzalez-Estrada A, Greenberger PA, Sanchez Borges M, Senna G, Sheikh A, Tanno LK, Thong BY, Turner PJ, Worm M. . World allergy organization anaphylaxis guidance 2020. Science Society: WAO, World Allergy Organization (2020). doi:10.1016/j.waojou.2020.100472.

Sturm, G. J. , Varga, E-M , Roberts, G. , Mosbech, H. , Bilo, M. B. , Akdis, C. A. , Antol'in-Ame'rigo, D. , Cichocka-Jarosz, E. , Gawlik, R. , Jakob, T. , Kosnik, M. , Lange, J. , Mingomataj, E. , Mitsias, I , Ollert, M. , Elberink, J. N. G. Oude , Pfaar, O. , Pitsios, C. , Pravettoni, V , Rueff, F. , Sin, B. A. , Agache, I , Angier, E. , Arasi, S. , Caldero'n, M. A. , FERNÁNDEZ RIVAS, MARÍA MONTSERRAT, Halken, S. , Jute, M. , Lau, S. , Pajno, G. B. , van Ree, R. , Ryan, D. , Spranger, O. , van VVijk, R. G. , Dhami, S. , Zaman, H. , Sheikh, A. , Muraro, A. . EAACI guidelines on allergen immunotherapy: Hymenoptera venom allergy. *Allergologie*. 2020; 43(5): 176-203.

TECHNOLOGY TRANSFER

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: Inventor: Monserrat Fernandez Rivas; Mónica Rodríguez Alvarez. 2020.



Genetics and molecular bases of complex diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

65

N° OF PAPERS JCR INDEXED

64

CITABLE ITEMS

32%(21)

Q1 (CITABLE ITEMS)

67%(14)

D1 (CITABLE ITEMS)

10%(2)

CUMULATIVE IF

91,90

AVERAGE IF

4,59



LEADING RESEARCHERS

Urcelay García, Elena

Núñez Pardo De Vera, M^a Concepción

MEMBERS

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Clara Isabel Ramírez

Eduardo Martínez Pérez

Irene Gómez Estévez

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Mercedes Castaño Pinardo

Mercedes Rubio Martínez

Pilar Lopez-Cotarelo Garcia De Diego

Sara Gómez Aguililla

Saúl Horta Herrera



OVERVIEW

Immune mediated diseases present etiologies not fully described at present. Our research group focuses on the pathogenesis of two of those complex conditions: celiac disease and multiple sclerosis. The adequate diagnosis and treatment of these immune diseases are hampered by their great 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 function derived from the altered genetic architecture. Moreover, a better knowledge of the cause leading to disease would aid to define personalized therapies. In this sense, a specific interest in the group raises from diverse perspectives of treatments: experimental therapies, adverse effects, real world data, vaccines...trying to respond to the main concerns of patients.

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

SELECTED PUBLICATIONS

- ▶ Luenemann, Jan D., DIAZ DIAZ, JUDIT, Stankoff, Bruno, Young, Carolyn, Siva, Aksel, Miller, Aaron, Lubetzki, Catherine, Wiendl, Heinz, OREJA GUEVARA, CELIA. Highlights from the 2019 European Congress on Treatment and Research in Multiple Sclerosis (ECTRIMS 2019). MULTIPLE SCLEROSIS JOURNAL. 2020; 26(7): 859-868. DOI: 10.1177/1352458520918377. IF: 5,412. (Q1).
- ▶ Fernandez-Banares, Fernando, Crespo, Laura, NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN, LÓPEZ PALACIOS, NATALIA, Tristan, Eva, Vivas, Santiago, Farrais, Sergio, Arau, Beatriz, Vidal, Judith, Roy, Garbine, Esteve, María. Gamma delta(+) intraepithelial lymphocytes and coeliac lymphogram in a diagnostic approach to coeliac disease in patients with seronegative villous atrophy. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2020; 51(7): 699-705. DOI: 10.1111/apt.15663. IF: 7,515. (Q1).

- Malhotra, Sunny, Costa, Carme, Eixarch, Herena, Keller, Christian W., Amman, Lukas, Martinez-Banaclocha, Helios, Midaglia, Luciana, Sarro, Eduard, Machin-Diaz, Isabel, Villar, Luisa M., Carlos Trivino, Juan, Oliver-Martos, Begona, Parlade, Laura Navarro, Calvo-Barreiro, Laura, Matesanz, Fuencisla, Vandenbroeck, Koen, URCELAY GARCÍA, ELENA, Martínez-Gines, María-Luisa, Tejeda-Velarde, Amalia, Fissolo, Nicolas, Castillo, Joaquin, SÁNCHEZ MUÑOZ, ARÁNZAZU, Robertson, Avril A. B., Clemente, Diego, Prinz, Marco, Pelegrin, Pablo, Luenemann, Jan D., ESPEJO PAERES, CAROLINA, Montalban, Xavier, Comabella, Manuel. NLRP3 inflammasome as prognostic factor and therapeutic target in primary progressive multiple sclerosis patients. *Brain*. 2020; 143(5): 1414-1430. DOI: 10.1093/brain/awaa084. IF: 11,337. (Q1).

GWAS EN EL RECHAZO MEDIADO POR LINFOCITOS T DE ACUERDO A LA CLASIFICACIÓN DE BANFF. Award: 50 Congreso de la Sociedad Española de Nefrología (S.E.N.).

CLINICAL PRACTICE GUIDELINES

Concepción Núñez-revisora externa. Protocolos de actuación conjunta entre médicos de familia y gastroenterólogos-Monográfico nº. 12 Diagnóstico precoz de enfermedad celíaca. Science Society: AEGASTRUM-SEMFYC (2020).

Concepción Núñez-colaboradora. Proyecto Prodiggest-Protocolos asistenciales para mejorar la Gestión interdisciplinar de las enfermedades Digestivas en el ámbito hospitalario. Science Society: AEG (2020).

NEW COMPETITIVE FUNDING

PEJ-2020-AI/BMD-18309. 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.

PI20/01634. Explorando los orígenes del daño en Esclerosis Múltiple. PI: URCELAY GARCÍA, ELENA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

CONV20/183. Contrato de Estudio de Investigación "" Estudio titulado "Enfermedad celíaca seronegativa: caracterización y búsqueda de biomarcadores. Aplicación al 2 estudio de enfermedad inflamatoria intestinal".. PI: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA DE SANTIAGO DE COMPOSTELA."

AWARDS

Researcher aware: Judit Díaz Díaz. Award: Educational grants. Actrims forum 2021. Entidad concesionaria: Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS). 16/12/2020.

Researcher aware: Judit Díaz Díaz, Loreto Estefanía Hidalgo; María Teresa Merino Díez; Adrián Valls Carbó; Irene Gomez Estevez; Inés González Suárez; Susana Noval Martín; María Capote Díez; Ruben Sanchez Jean; Celia Oreja Guevara. Award: Premio AMN al mejor póster: Enfermedades desmielinizantes Entidad concesionaria: Asociación Madrileña de Neurología. 23/10/2020.

Researcher aware: Judit Díaz Díaz. Award: Educational Grant: ACTRIMS-ECTRIMS Meeting. Entidad concesionaria: Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS). European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS). 07/08/2020.

Researcher aware: JL SANTIAGO, L SÁNCHEZ PÉREZ, I PÉREZ FLORES, MA MORENO DE LA HIGUERA, N CLAVO ROMERO, J QUEROL GARCÍA, E URCELAY, AI SÁNCHEZ FRUCTUOSO. Winning work: EFECTO SELECTIVO EN UNA COHORTE DE PACIENTES TRASPLANTADOS RENALES DE LAS SEÑALES

Beghi E, Helbok R, Crean M, Chou SH, McNett M, Moro E, Bassetti C; EAN Neuro-COVID Task Force. The European Academy of Neurology COVID-19 registry (ENERGY): an international instrument for surveillance of neurological complications in patients with COVID-19. *Science Society: European Academy of Neurology* (2020). PMID: 33220127.

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Moro E, Priori A, Beghi E, Helbok R, Campiglio L, Bassetti CL, Bianchi E, Maia LF, Ozturk S, Cavallieri F, Zedde M, Sellner J, Bereczki D, Rakusa M, Di Liberto G, Sauerbier A, Pisani A, Macerollo A, Soffietti R, Taba P, Crean M, Twardzik A, Oreja-Guevara C, Bodini B, Jenkins TM, von Oertzen TJ; EAN core COVID-19 Task Force. The international European Academy of Neurology survey on neurological symptoms in patients with COVID-19 infection. *Science Society: European Academy of Neurology* (2020). PMID: 32558002.

DOCTORATE THESES

Doctoral candidate: Sarah Montero. Thesis title: TFM de Investigación en Medicina Traslacional: Sensibilidad a apoptosis en linfocitos de pacientes con esclerosis múltiple Director(s): Laura Espino Paisán, Elena Urcelay. University: Fac. Medicina, UCM.

TECHNOLOGY TRANSFER

Spanish Patent: Método y kit para el diagnóstico de celiaquía: Inventors: Concepción Núñez Pardo Núñez; Andrés Bodas Pinedo; Natalia López Palacios; Romina Dieli Crimi. 2017.

Musculoskeletal Pathology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

33

N° OF PAPERS JCR INDEXED

29

CITABLE ITEMS

64%⁽²¹⁾

Q1 (CITABLE ITEMS)

48%⁽¹⁰⁾

D1 (CITABLE ITEMS)

14 %⁽³⁾

CUMULATIVE IF

90,30

AVERAGE IF

5,02



LEADING RESEARCHER

Fernández Gutiérrez, Benjamín

MEMBERS

Ana María Pérez Sáez
 Ángeles López De Benito
 Arkaitz Mucientes Ruíz
 Cristina De Jesús Lajas Petisco
 Cristina Vadillo Font
 Esperanza Pato Cour
 Eva Herranz De La Peña
 Fernando Marco Martínez
 Gloria Candelas Rodríguez
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 Luis Rodríguez Rodríguez
 Lydia Abásolo Alcazar
 María Asunción Nieto Barbero
 María Dolores Olmos Gómez
 Pia Mercedes Lois Bermejo
 Teresa Mulero López
 Yaiza Lopiz Morales
 Zulema Rosales Rosado



OVERVIEW

The Unidad de Gestion Clínica de Reumatología (UGC-REU) in Hospital Clínico San Carlos and the Unidad de Gestion Clínica de Cirugía Ortopédica y Traumatología (UGC-COT) have an extensive experience particularly in the field of rheumatoid arthritis and also in osteoarthritis. They have been working with public and private funding and they have numerous publications in this field.

A working group of researchers from different specialties (cell biologists, molecular biologists, epidemiologists, psychologists, engineers, traumatologists and rheumatologists) have worked together in the last 15 years. This effort has resulted in the establishment of different parallel and embedded research lines.

- (1) Genetic Polymorphisms in musculoskeletal diseases
- (3) Proteomics in musculoskeletal diseases
- (4) Mesenchymal Stem Cells
- (5) Epidemiology and Clinical Studies
- (6) Health Systems Research"

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- ▶ Cardozo, Celia, Cuervo, Guillermo, Salavert, Miguel, MERINO AMADOR, PALOMA, Gioia, Francesca, Fernandez-Ruiz, Mario, Lopez-Cortes, Luis E., Escola-Verge, Laura, Montejó, Miguel, Munoz, Patricia, Aguilar-Guisado, Manuela, Puerta-Alcalde, Pedro, Tasias, Mariona, Ruiz-Gaitan, Alba, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Puig-Asensio, Mireia, Vena, Antonio, MARCO MARTÍNEZ, FERNANDO, Peman, Javier, Fortun, Jesus, María Aguado, Jose, Almirante, Benito, Soriano, Alejandro, Carratala, Jordi, Garcia-Vidal, Carolina, GEMICOMED SEIMC Spanish CANDI-Bund . An evidence-based bundle improves the quality of care and outcomes of patients with candidaemia. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(3): 730-737. DOI: 10.1093/jac/dkz491. IF: 5,439. (Q1).
- ▶ Pablos, Jose L., ABÁSOLO ALCAZAR, LYDIA, Alvaro-Gracia, Jose M., Blanco, Francisco J., Blanco, Ricardo, Castrejon, Isabel, Fernandez-Fernandez, David, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, Galindo-Izquierdo, María, Gonzalez-Gay, Miguel A., Manrique-Arija, Sara, Mena Vazquez, Natalia, Mera Varela, Antonio, Retuerto, Miriam, Seijas-Lopez, Alvaro, RIER Investigators Grp . Prevalence of hospital PCR-confirmed COVID-19 cases in patients with chronic inflammatory and autoimmune rheumatic diseases. ANNALS OF THE RHEUMATIC DISEASES. 2020; 79(9): 1170-1173. DOI: 10.1136/annrheumdis-2020-217763. IF: 16,102. (Q1).
- ▶ FREITES NUÑEZ, DALIFER DAYANIRA, LEÓN MATEOS, LETICIA, MUCIENTES RUÍZ, ARKAITZ, RODRÍGUEZ RODRÍGUEZ, LUIS, Font Urgelles, Judit, Madrid García, Alfredo, Colomer, Jose I, JOVER JOVER, JUAN ÁNGEL, FERNÁNDEZ GUTIÉRREZ, BENJAMÍN, ABÁSOLO ALCAZAR, LYDIA. Risk factors for hospital admissions related to COVID-19 in patients with autoimmune inflammatory rheumatic diseases. ANNALS OF THE RHEUMATIC DISEASES. 2020; 79(11): 1393-1399. DOI: 10.1136/annrheumdis-2020-217984. IF: 16,102. (Q1).

NEW COMPETITIVE FUNDING

(2020)3054908. COVID eXponential Programme. PI: RODRÍGUEZ RODRÍGUEZ, LUIS. Funding Organisation: COMISIÓN EUROPEA.

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.

NEW NON COMPETITIVE FUNDING

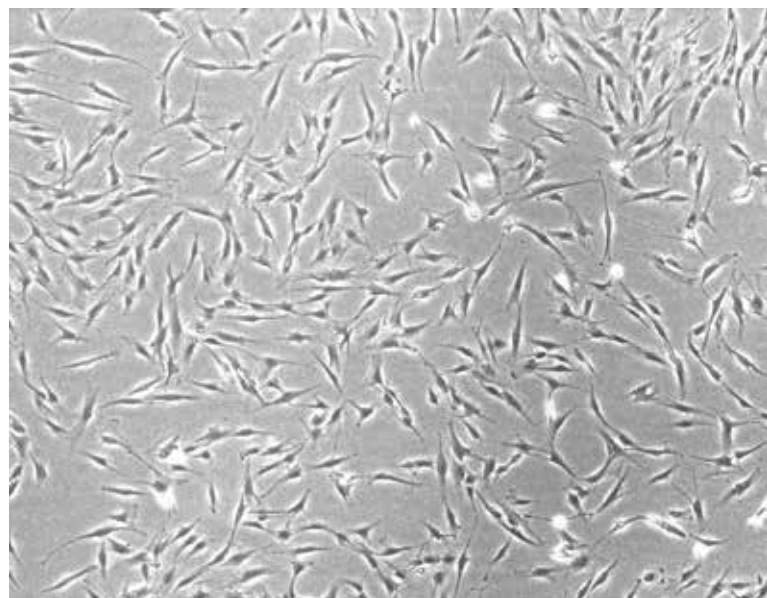
20/273-E_COVID_Otro Ceic. REGISTRO RIER DE PACIENTES CON ENFERMEDADES INFLAMATORIAS Y AUTOINMUNES CON INFECCION CoV-2. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN.

BFG.C04ROC. Convenio de Colaboración para la financiación del "Plan de publicaciones 2019-2020 de la Unidad de Gestión Clínica de Reumatología del Hospital Clínico San Carlos de Madrid". PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: ROCHE FARMA S.A.U..

CONV19/202. Intensificación Benjamín Fernández Gutiérrez.. PI: FERNÁNDEZ GUTIÉRREZ, BENJAMÍN. Funding Organisation: HOSPITAL CLINICO SAN CARLOS.

CONV20/033. PRESTACIÓN DE SERVICIOS DE GENÓMICA Y SECUENCIACIÓN MASIVA PARA EL ANÁLISIS DE LA SECUENCIA GPDH PARA LA FIBHCSC EN EL MARCO DEL PROYECTO PI 16/00549. PI: LOPIZ MORALES, YAIZA. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS CSIC.

LAL.F01DON. Donación para la realización del proyecto: "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: ABÁSOLO ALCAZAR, LYDIA. Funding Organisation: FUNDACION ENFERMEDADES MUSCULOESQUELETICAS.



Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

13

N° OF PAPERS JCR INDEXED

13

CITABLE ITEMS

85%⁽¹¹⁾

Q1 (CITABLE ITEMS)

55%⁽⁶⁾

D1 (CITABLE ITEMS)

18 %⁽²⁾

CUMULATIVE IF

97,61

AVERAGE IF

8,87



LEADING RESEARCHER

Delgado-Iribarren García-Campero,
Alberto

MEMBERS

Ana Arribi Vilela
 Elvira Baos Muñoz
 Esther Culebras López
 Fernando González Romo
 Iciar Rodríguez-Avial Infante
 Juan José Picazo De La Garza
 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.

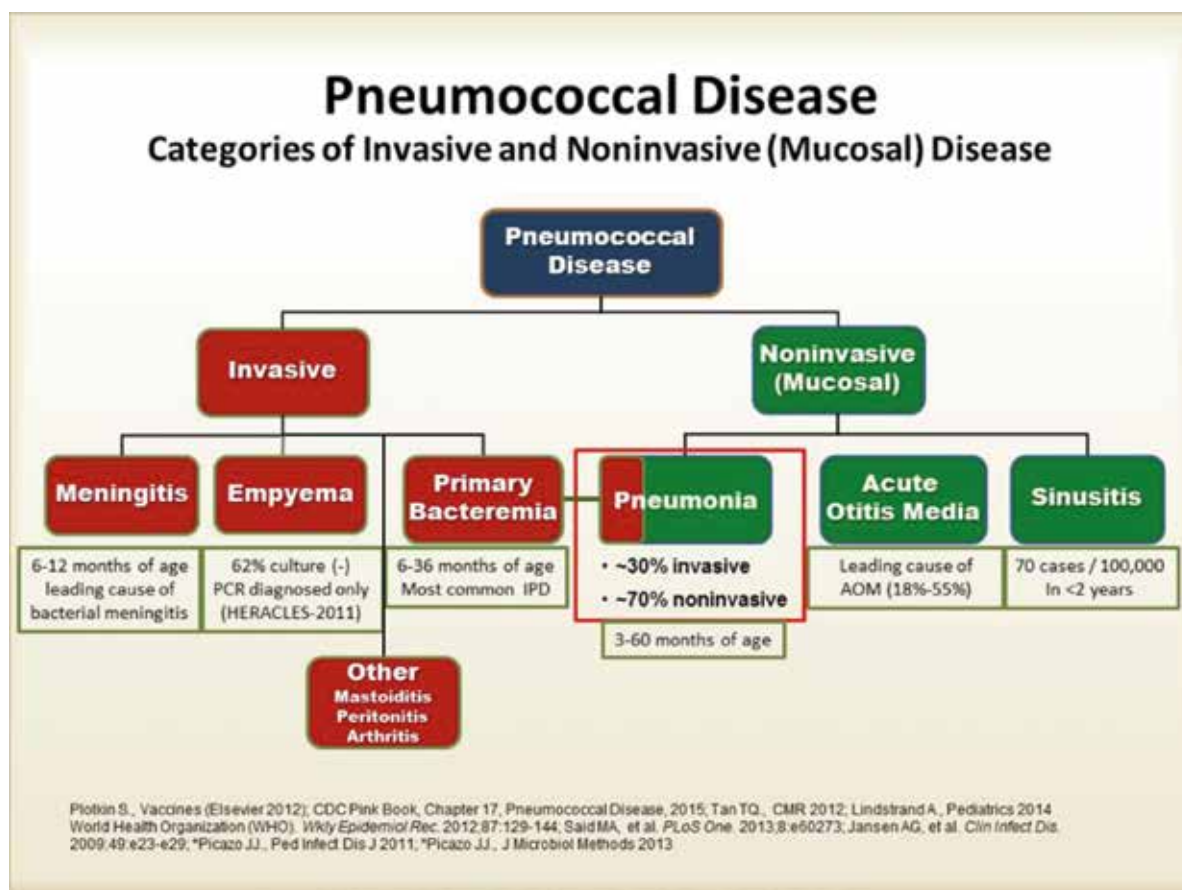
SELECTED PUBLICATIONS

- Cardozo, Celia, Cuervo, Guillermo, Salavert, Miguel, MERINO AMADOR, PALOMA, Gioia, Francesca, Fernandez-Ruiz, Mario, Lopez-Cortes, Luis E., Escola-Verge, Laura, Montejo, Miguel, Munoz, Patricia, Aguilar-Guisado, Manuela, Puerta-Alcalde, Pedro, Tacias, Mariona, Ruiz-Gaitan, Alba, GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Puig-Asensio, Mireia, Vena, Antonio, MARCO MARTÍNEZ, FERNANDO, Peman, Javier, Fortun, Jesus, María Aguado, Jose, Almirante, Benito, Soriano, Alejandro, Carratala, Jordi, Garcia-Vidal, Carolina, GEMICOMED SEIMC Spanish CANDI-Bund . An evidence-based bundle improves the quality of care and outcomes of patients with candidaemia. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(3): 730-737. DOI: 10.1093/jac/dkz491. IF: 5,439. (Q1).
- Pollan, Marina, Perez-Gomez, Beatriz, Pastor-Barriuso, Roberto, Oteo, Jesus, Hernan, Miguel A., Perez-Olmeda, Mayte, Sanmartin, Jose L., Fernandez-Garcia, Aurora, Cruz, Israel, Fernandez de Larrea, Nerea, Molina, Marta, Rodriguez-Cabrera, Francisco, Martin, Mariano, MERINO AMADOR, PALOMA, Paniagua, Jose Leon, Munoz-Montalvo, Juan F., Blanco, Faustino, Yotti, Raquel, ENE-COVID Study Grp . Prevalence of SARS-CoV-2 in Spain (ENE-COVID): a nationwide, population-based seroepidemiological study. Lancet. 2020; 396(10250): 535-544. DOI: 10.1016/S0140-6736(20)31483-5. IF: 60,392. (Q1).

- Valderrama, María-Jose, Alfaro, María, RODRÍGUEZ AVIAL, CARMEN, BAOS MUÑOZ, ELVIRA, Rodriguez-Avial, Carmen, CULEBRAS LÓPEZ, ESTHER. Synergy of Linezolid with Several Antimicrobial Agents against Linezolid-Methicillin-Resistant Staphylococcal Strains. ANTIBIOTICS-BASEL. 2020; 9(8): na-na. DOI: 10.3390/antibiotics9080496. IF: 3,893. (Q1).

NEW NON COMPETITIVE FUNDING

PMA.C01MSD. Financiación de la publicación del Proyecto "Proyecto validación de una escala de riesgo de recurrencia de ICD". PI: MERINO AMADOR, PALOMA. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC.



Kidney transplant

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

11

N° OF PAPERS JCR INDEXED

11

CITABLE ITEMS

91%⁽¹⁰⁾

Q1 (CITABLE ITEMS)

80%⁽⁸⁾

D1 (CITABLE ITEMS)

60%⁽⁶⁾

CUMULATIVE IF

50,16

AVERAGE IF

5,02



LEADING RESEARCHER

Sánchez Fructuoso, Ana Isabel

MEMBERS

Isabel Pérez Flores

José Luis Santiago Álvarez

M^a Ángeles Moreno De La Higuera Díaz

Natividad Calvo Romero

Beatriz Rodríguez Cubillo

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.

SELECTED PUBLICATIONS

- ▶ Rodríguez-Cubillo, Beatriz, de la Higuera, María Angeles Moreno, Lucena, Rafael, Franci, Elena V., Hurtado, María, Romero, Natividad C., Moreno, Antolina R., Valencia, Daniela, Velo, Mercedes, Fornie, Inigo S., SÁNCHEZ FRUCTUOSO, ANA ISABEL. Should cyclosporine be useful in renal transplant recipients affected by SARS-CoV-2?. AMERICAN JOURNAL OF TRANSPLANTATION. 2020; 20(11): 3173-3181. DOI: 10.1111/ajt.16141. IF: 7,338. (Q1).
- ▶ Vink, Peter, Ramon Torrell, Josep María, SÁNCHEZ FRUCTUOSO, ANA ISABEL, Kim, Sung-Joo, Kim, Sang-Il, Zaltzman, Jeff, Ortiz, Fernanda, Campistol Plana, Josep María, Fernandez Rodriguez, Ana María, Rebollo Rodrigo, Henar, Campins Marti, Magda, Perez, Rafael, González Roncero, Francisco Manuel, Kumar, Deepali, Chiang, Yang-Jen, Doucette, Karen, Pipeleers, Lissa, Agüera Morales, María Luisa, Rodriguez-Ferrero, María Luisa, Secchi, Antonio, McNeil, Shelly A, Campora, Laura, Di Paolo, Emmanuel, El Idrissi, Mohamed, López-Fauqued, Marta, Salaun, Bruno, Heineman, Thomas, Oostvogels, Lidia, Z-041 study group. Immunogenicity and Safety of the Adjuvanted Recombinant Zoster Vaccine in Chronically Immunosuppressed Adults Following Renal Transplant: a Phase III, Randomized Clinical Trial. CLINICAL INFECTIOUS DISEASES. 2020; 70(2): 181-190. DOI: 10.1093/cid/ciz177. IF: 8,313. (Q1).

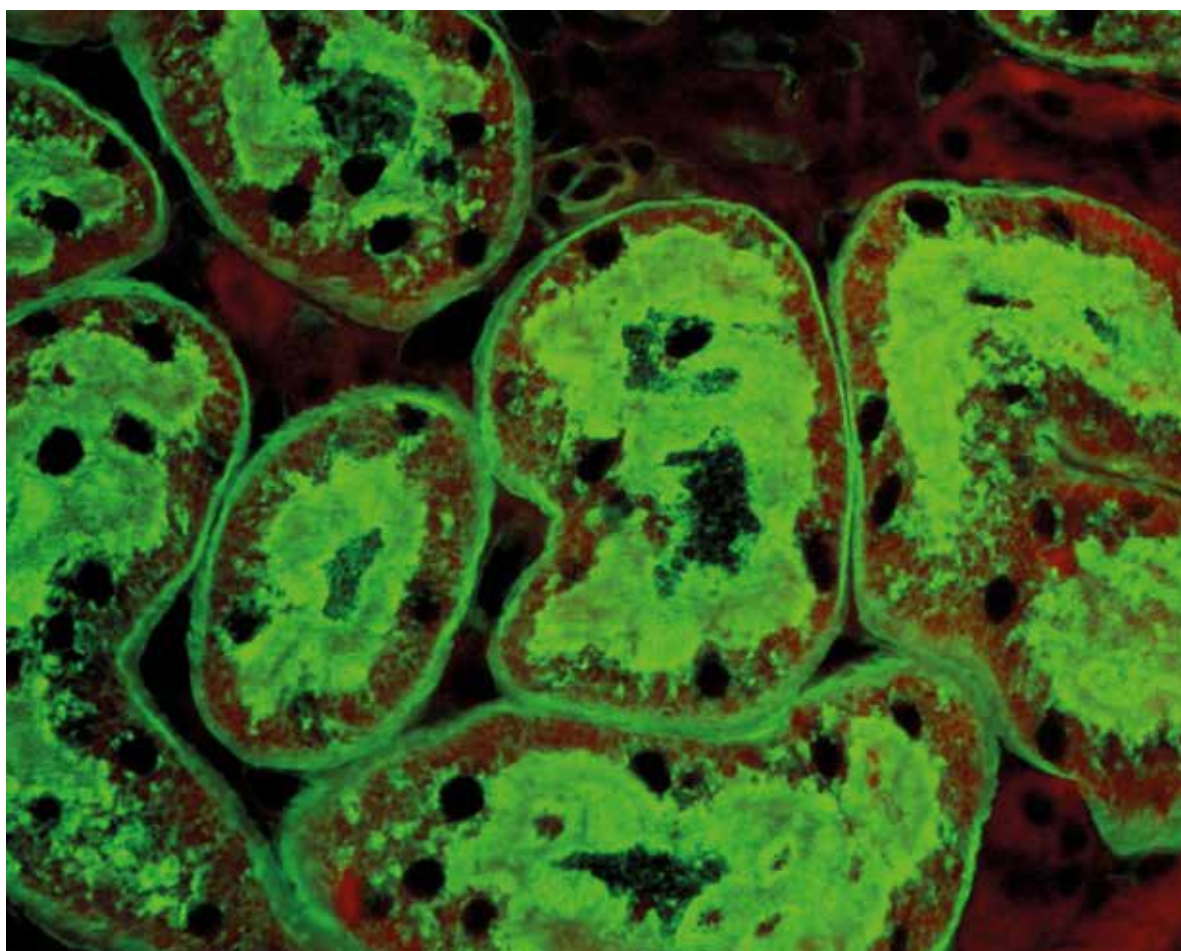
- ▶ Coll, Elisabeth, Minambres, Eduardo, SÁNCHEZ FRUCTUOSO, ANA ISABEL, Fondevila, Constantino, Campo-Canaveral de la Cruz, Jose Luis, Dominguez-Gil, Beatriz. Uncontrolled Donation After Circulatory Death: A Unique Opportunity. Transplantation. 2020; 104(8): 1542-1552. DOI: 10.1097/TP.0000000000003139. IF: 4,264. (Q1).

AWARDS

Researcher aware: JL SANTIAGO, . Winning work: EFECTO SELECTIVO EN UNA COHORTE DE PACIENTES TRASPLANTADOS RENALES DE LAS SEÑALES GWAS EN EL RECHAZO MEDIADO POR LINFOCITOS T DE ACUERDO A LA CLASIFICACIÓN DE BANFF. Award: PREMIO A LA MEJOR COMUNICACIÓN PÓSTER, 50 Congreso de la Sociedad Española de Nefrología.

Researcher aware: AI SÁNCHEZ FRUCTUOSO. Winning work: Uncontrolled donation after circulatory death: A cohort study of data from a long-standing deceased-donor kidney transplantation program. . Award: Premio Iñigo Alvarez de Toledo a la Investigación Clínica en Nefrología.

Researcher aware: AI SÁNCHEZ FRUCTUOSO. Winning work: Uncontrolled donation after circulatory death: A cohort study of data from a long-standing deceased-donor kidney transplantation program. . Award: II Premio Científico Hospital Clínico San Carlos.



Infectious Diseases/HIV

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

31

N° OF PAPERS JCR INDEXED

29

CITABLE ITEMS

87%(27)

Q1 (CITABLE ITEMS)

48%(13)

D1 (CITABLE ITEMS)

19 %(5)

CUMULATIVE IF

3,78

AVERAGE IF

31

LEADING RESEARCHERS

Estrada Pérez, Vicente
 Rodríguez Martín, Carmen

MEMBERS

Begoña Baza Caraciolo
 Daniel Savoini Hernandez
 Dulce Carrio Montiel
 Estefanía Elizabeth Hurtado
 Gallegos
 Eva Santiago Aroca
 Herminia Josefina Fleitas Cabello
 Iñigo Sagastagoitia Fornie
 Jorge Del Romero Guerrero
 Jorge Vergas García
 Juan Ballesteros Martín
 Laura López González
 Lausana Marin Frías
 Lorena Pozo Pérez
 M^a Ángeles Rivas Paterna
 M^a Blanca Menéndez Prieto
 M^a Del Mar Vera García
 María Aranzazu Chamorro Diez
 María Jesús Téllez Molina
 María José Núñez Orantos
 Mónica García Lotero
 Nieves Sanz Pérez
 Noemí Cabello Clotet
 Oskar Ayerdi Aguirrebengoa
 Petunia Clavo Escribano
 Raquel Sandoval Arroyo
 Rocío Segoviano Mateo
 Sandra Del Mazo Sánchez
 Teresa Puerta López

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. Víctor 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 Raquel Sandoval and Rocío Marquez 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.

The Sandoval Health Centre, opened in 1928, has been the STI reference centre in Spain attached to the Hospital Clínico San Carlos since January 2018. It attends more than 32,000 consultations per year and performs more than 6,000 STI diagnoses per year. Easy accessibility and on-demand care. 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 carried out in the field of HIV/STI: HIV prevention and pre-exposure prophylaxis, treatment of gonorrhoea and diagnosis and prevention of HSV-2. It maintains a great interaction with PC, Public Hospital Network and NGOs. It is the reference centre for the dispensing of PrEP pre-exposure prophylaxis 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

- ▶ Gilson, R., Nugent, D., Werner, R. N., BALLESTEROS MARTIN, JUAN, Ross, J. . 2019 IUSTI-Europe guideline for the management of anogenital warts. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2020; 34(8): 1644-1653. DOI: 10.1111/jdv.16522. IF: 5,248. (Q1).
- ▶ Guerrero-Beltran, Carlos, Martinez-Sanz, Javier, Alvarez, Marta, Olalla, Julian, Garcia-Alvarez, Monica, Antonio Iribarren, Jose, Masia, Mar, Montero, Marta, Garcia-Bujalance, Silvia, Ramon Blanco, Jose, Rivero, María, Jesus Garcia-Fraile, Lucio, Espinosa, Nuria, Rodriguez, Carmen, Aguilera, Antonio, Carmen Vidal-Ampurdanes, María, Martinez, Marina, Iborra, Asuncion, Imaz, Arkaitz, Luis Gomez-Sirvent, Juan, Peraire, Joaquim, Portilla, Joaquin, Caballero, Estrella, Alejos, Belen, Garcia, Federico, Moreno, Santiago, RODRÍGUEZ MARTÍN, CARMEN. The algorithm used for the interpretation of doravirine transmitted drug resistance strongly influences clinical practice and guideline recommendations. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(5): 1294-1300. DOI: 10.1093/jac/dkaa009. IF: 5,439. (Q1).
- ▶ Alejos, Belen, Suarez-Garcia, Ines, Rava, Marta, Bautista-Hernandez, Azucena, Gutierrez, Felix, Dalmau, David, SAGASTAGOITIA FORNIE, IÑIGO, Rivero, Antonio, Moreno, Santiago, Jarrin, Inma, RODRÍGUEZ MARTÍN, CARMEN. Effectiveness and safety of first-line antiretroviral regimens in clinical practice: a multicentre cohort study. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(10): 3004-3014. DOI: 10.1093/jac/dkaa246. IF: 5,439. (Q1).

Alejos, Belen , Suarez-Garcia, Ines , Rava, Marta , Bautista-Hernandez, Azucena , Gutierrez, Felix , Dalmau, David , SAGASTAGOITIA FORNIE, IÑIGO, Rivero, Antonio , Moreno, Santiago , Jarrin, Inma , RODRÍGUEZ MARTÍN, CARMEN. Effectiveness and safety of first-line antiretroviral regimens in clinical practice: a multicentre cohort study. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(10): 3004-3014.

Gilson, R. , Nugent, D. , Werner, R. N. , BALLESTEROS MARTIN, JUAN, Ross, J. . 2019 IUSTI-Europe guideline for the management of anogenital warts. JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY. 2020; 34(8): 1644-1653.

Guerrero-Beltran, Carlos , Martinez-Sanz, Javier , Alvarez, Marta , Olalla, Julian , Garcia-Alvarez, Monica , Antonio Iribarren, Jose , Masia, Mar , Montero, Marta , Garcia-Bujalance, Silvia , Ramon Blanco, Jose , Rivero, Maria , Jesus Garcia-Fraile, Lucio , Espinosa, Nuria , Rodriguez, Carmen , Aguilera, Antonio , Carmen Vidal-Ampurdanes, Maria , Martinez, Marina , Iborra, Asuncion , Imaz, Arkaitz , Luis Gomez-Sirvent, Juan , Peraire, Joaquim , Portilla, Joaquin , Caballero, Estrella , Alejos, Belen , Garcia, Federico , Moreno, Santiago , RODRÍGUEZ MARTÍN, CARMEN. The algorithm used for the interpretation of doravirine transmitted drug resistance strongly influences clinical practice and guideline recommendations. JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY. 2020; 75(5): 1294-1300.

NEW COMPETITIVE FUNDING

COV20/00612. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital. PI: ESTRADA PÉREZ, VICENTE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CLINICAL PRACTICE GUIDELINES

GRUPO DE TRABAJO DE PREP. Manual para la implementación del programa de Profilaxis Pre-exposición al VIH en España. Science Society: Plan Nacional sobre el Sida Ministerio de Sanidad Febrero 2020 (2020).

Raúl Soriano, Adán E, Ayerdi O, Belmar C, Belza MJ, Blanch J, Canales JM, Castillo O, Caudevilla F, Coll P, Colom J, Curto J, Dolengevich H, Folch C, Galán V, García A, García JN, Garín N, Garrido J, Gasulla L, Gata A, González A, Hernández J, Ibar AI, Inieta C, Molina R, Mora R, Moreno L, Navarro A, Olmos R, Paris P, Pérez I, Ryan P, Soriano R, Teira N, Torrecilla CJ, Valencia J, Villegas L, Zaro I. La revisión del documento la han llevado a cabo: del Amo J, Castillo O, Díaz A, Gómez J, Koerting A, López-Mendoza H, Polo R, y Vázquez M. Documento técnico abordaje del fenómeno del chemsex. Science Society: INFORMES, ESTUDIOS E INVESTIGACIÓN 2020 MINISTERIO DE SANIDAD (2020).

Research on INA Infectious Disease

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

21

N° OF PAPERS JCR INDEXED

20

CITABLE ITEMS

86%(18)

Q1 (CITABLE ITEMS)

17%(3)

CUMULATIVE IF

45,39

AVERAGE IF

2,67

LEADING RESEARCHER

Ramos Amador, Jose Tomas

MEMBERS

Andrés Bodas Pinedo

Celia Gil López

Cristina Gonzalez Menchen

Enrique Criado Vega

Esther Aleo Lujan

Ignacio Callejas Caballero

Marta Illan Ramos

Olga Pérez Rodríguez

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 María 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.

SELECTED PUBLICATIONS

- Moriczi, Melinda, Pujol-Muncunill, Gemma, Martin-Masot, Rafael, Jimenez Trevino, Santiago, Segarra Canton, Oscar, Ochoa Sangrador, Carlos, Pena Quintana, Luis, Gonzalez Santana, Daniel, Rodriguez Martinez, Alejandro, Rosell Camps, Antonio, Armas, Honorio, Barrio, Josefa, Gonzalez de Caldas, Rafael, Rodriguez Salas, Monica, Balmaseda Serrano, Elena, Donat Aliaga, Ester, BODAS PINEDO, ANDRÉS, VAQUERO SOSA, ESTHER, Vecino Lopez, Raquel, Solar Boga, Alfonso, Moreno Alvarez, Ana, Sanchez Sanchez, Cesar, Tolin Hernani, Mar, Gutierrez Junquera, Carolina, Martinon Torres, Nazareth, Leis Trabazo, María Rosaura, Javier Eizaguirre, Francisco, Garcia Peris, Monica, Medina Benitez, Enrique, Fernandez Caamano, Beatriz, Vegas Alvarez, Ana María, Crespo Valderrabano, Laura, Alonso Vicente, Carmen, Rubio Santiago, Javier, Galera-Martinez, Rafael, Garcia-Romero, Ruth, Ros Arnal, Ignacio, Fernandez Cebrian, Santiago, Lorenzo Garrido, Helena, Viada Bris, Javier Francisco, Velasco Rodriguez-Belvis, Marta, Bartolome Porro, Juan Manuel, Blanco Rodriguez, Miriam, Barros Garcia, Patricia, Botija, Gonzalo, Chicano Marin, Francisco Jose, La Orden Izquierdo, Enrique, Crehua-Gaudiza, Elena, Navas-Lopez, Victor Manuel, Martin-de-Carpi, Javier . Predictors of Response to Exclusive Enteral Nutrition in Newly Diagnosed Crohn's Disease in Children: PRESENCE Study from SEGHP. NUTRIENTS. 2020; 12(4): na-na. DOI: 10.3390/nu12041012. IF: 4,546. (Q1).
- Sainz, Talía, Gosalbes, María José, Talavera-Rodríguez, Alba, Jimenez-Hernandez, Nuria, Prieto, Luis, Escosa, Luis, Guillén, Sara, RAMOS AMADOR, JOSE TOMAS, Muñoz-Fernández, María Ángeles, Moya, Andrés, Navarro, María Luisa, Mellado, María José, SERRANO VILLAR, SERGIO. Effect of a Nutritional Intervention on the Intestinal Microbiota of Vertically HIV-Infected Children: The Pediabiota Study. NUTRIENTS. 2020; 12(7): na-na. DOI: 10.3390/nu12072112. IF: 4,546. (Q1).
- Arroyas, María, Calvo, Cristina, RUEDA ESTEBAN, SANTIAGO, Esquivias, María, GONZALEZ MENCHEN, CRISTINA, Gonzalez-Carrasco, Ersilia, Luz Garcia-Garcia, María . Asthma prevalence, lung and cardiovascular function in adolescents born preterm. SCIENTIFIC REPORTS. 2020; 10(1): na-na. DOI: 10.1038/s41598-020-76614-0. IF: 3,998. (Q1).

NEW NON COMPETITIVE FUNDING

JRA.C01ALO. El objeto del Convenio es establecer una colaboración en lo relativo al Proyecto de investigación titulado " Innunogeneidad y efectividad de vacuna tetravalente frente a meningococo en niños y adolescentes con VIH". PI: RAMOS AMADOR, JOSE TOMAS. Funding Organisation: FUNDACIÓN FAMILIA ALONSO.

Cell-biomaterial Interactions (BIO UCM)

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

4

Nº OF PAPERS JCR INDEXED

4

CITABLE ITEMS

100%⁽⁴⁾

Q1 (CITABLE ITEMS)

75%⁽³⁾

CUMULATIVE IF

20,50

AVERAGE IF

5,12



LEADING RESEARCHER

Portolés Pérez, María Teresa

MEMBERS

Laura Casarrubios Molina
María José Feito Castellano

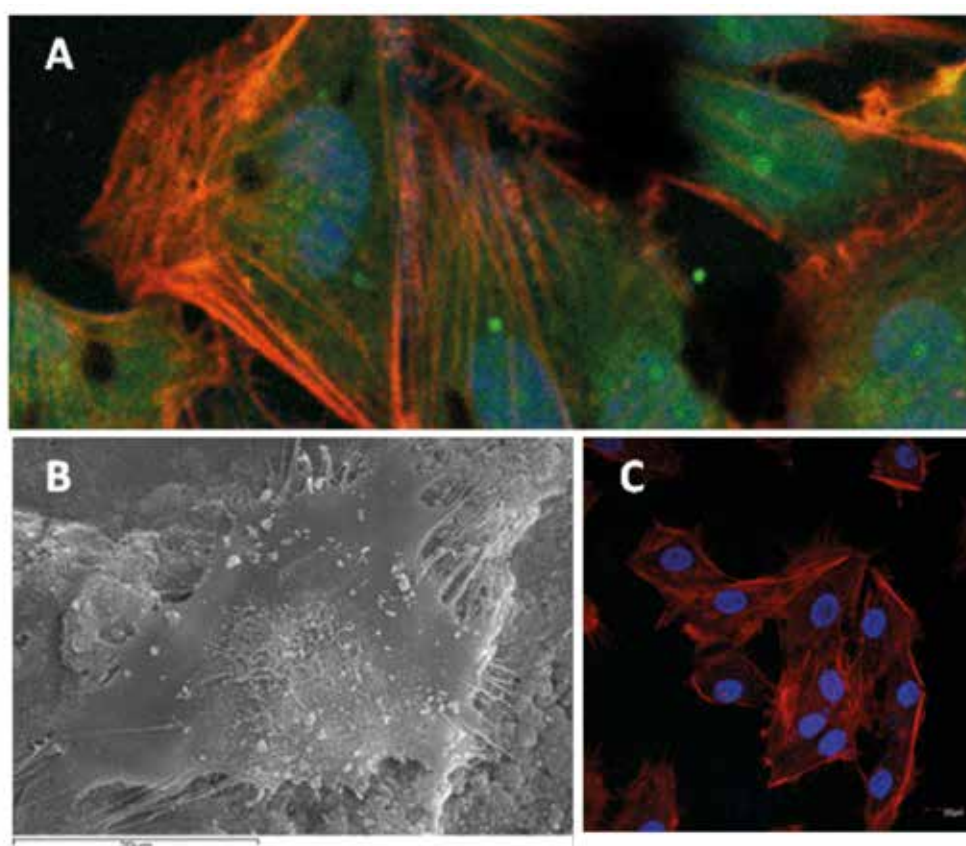
OVERVIEW

The “cell-biomaterial interactions” (BIOUCM) research group, led by Professor María Teresa Portolés, studies the in vitro interactions of specific cell types (osteoblasts, pre-osteoblasts, osteoclasts, progenitor cells, fibroblasts, vascular cells, macrophages, lymphocytes, liver cells) with different biomaterials (polymeric, bioceramic, graphene, composites) designed for various biomedical applications (tissue engineering, drug delivery, antitumor treatment). The conducted studies are raised 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 recently conducted the immobilization of growth factors (FGF1, FGF2, VEGF) on silicon doped hydroxyapatite, evaluating their bioactivity on cell types involved in bone regeneration.

SELECTED PUBLICATIONS

- CASARRUBIOS MOLINA, LAURA, Gomez-Cerezo, N., Sanchez-Salcedo, S., FEITO CASTELLANO, MARÍA JOSE, Serrano, M. C., Saiz-Pardo, M., ORTEGA MEDINA, LUIS, de Pablo, D., Diaz-Guemes, I., Fernandez-Tome, B., Enciso, S., Sanchez-Margallo, F. M., PORTOLÉS PÉREZ, MARÍA TERESA, Arcos, D., Vallet-Regi, M. . Silicon substituted hydroxyapatite/VEGF scaffolds stimulate bone regeneration in osteoporotic sheep. ACTA BIOMATERIALIA. 2020; 101. 544-553. DOI: 10.1016/j.actbio.2019.10.033. IF: 7,242. (Q1).
- Cicuéndez, Mónica, Fernandes, Márcia, Ayán-Varela, Miguel, Oliveira, Helena, FEITO CASTELLANO, MARÍA JOSE, Díez-Orejas, Rosalía, Paredes, Juan I, Villar-Rodil, Silvia, Vila, Mercedes, PORTOLÉS PÉREZ, MARÍA TERESA, Duarte, Iola F . Macrophage inflammatory and metabolic responses to graphene-based nanomaterials differing in size and functionalization. COLLOIDS AND SURFACES B-BIOINTERFACES. 2020; 186. 110709-110709. DOI: 10.1016/j.colsurfb.2019.110709. IF: 4,389. (Q1).
- Montes-Casado, María, SANVICENTE GARCIA, ADRIAN, CASARRUBIOS MOLINA, LAURA, FEITO CASTELLANO, MARÍA JOSE, Rojo, Jose M., Vallet-Regi, María, Arcos, Daniel, Portoles, Pilar, PORTOLÉS PÉREZ, MARÍA TERESA. An Immunological Approach to the Biocompatibility of Mesoporous SiO₂-CaO Nanospheres. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2020; 21(21): na-na. DOI: 10.3390/ijms21218291. IF: 4,556. (Q1).



CELL – BIOMATERIAL INTERFACES

- A) Human osteosarcoma cells – Nanographene oxide
- B) Osteoblasts - Silicon substituted nanocrystalline hydroxyapatite (Nano-SiHA)
- C) Endothelial progenitor cells – Nano-SiHA with adsorbed VEGF

Immunology

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

17

Nº OF PAPERS JCR INDEXED

15

CITABLE ITEMS

76%(13)

Q1 (CITABLE ITEMS)

38%(53)

CUMULATIVE IF

49,03

AVERAGE IF

4,46



LEADING RESEARCHERS

Sánchez Ramón, Silvia
Fernández Arquero, Miguel

MEMBERS

Alberto Varas Fajardo
Ana Sarnago Gonzalo
Ángeles Matey Martín
Ángeles Vicente López
Barbara Alonso Arenilla
Carlos Jiménez García
Carmen Izquierdo Delgado
Cristina Benito Villalvilla
Eva Jiménez Pérez
Gustavo Esteban Cordero Torres
Jacobó López-Abente Muñoz
Jarís Valencia Mahon
Kissy Annet María Guevara Hoyer
Laura García Reguero
Leticia Martín De La Cruz
Lidia Martínez Fernández De Sevilla
Luis Manuel Molto Delgado
María Azucena Arenas Arroyo
María Ernestina Sánchez Rodríguez
Natalia Rodríguez Vicente
Óscar Palomares Gracias
Rodrigo Jiménez Saiz
Rosa M Sacedón Ayuso



SELECTED PUBLICATIONS

- ▶ Vazquez, Alberto, Fernandez-Sevilla, Lidia M., JIMÉNEZ PÉREZ, EVA, Perez-Cabrera, David, Yanez, Rosa, Subiza, Jose Luis, VARAS FAJARDO, ALBERTO, VALENCIA MAHON, JARIS, VICENTE LÓPEZ, ÁNGELES. Involvement of Mesenchymal Stem Cells in Oral Mucosal Bacterial Immunotherapy. FRONTIERS IN IMMUNOLOGY. 2020; 11. na-na. DOI: 10.3389/fimmu.2020.567391. IF: 5,085. (Q1).
- ▶ GUEVARA HOYER, KISSY ANNET MARÍA, OCHOA GRULLON, JULIANA LUCIA, FERNÁNDEZ ARQUERO, MIGUEL, Cardenas, Mariacruz, Perez de Diego, Rebeca, SÁNCHEZ RAMÓN, SILVIA. Serum Free Immunoglobulins Light Chains: A Common Feature of Common Variable Immunodeficiency?. FRONTIERS IN IMMUNOLOGY. 2020; 11. na-na. DOI: 10.3389/fimmu.2020.02004. IF: 5,085. (Q1).
- ▶ GUEVARA HOYER, KISSY ANNET MARÍA, Saz-Leal, Paula, Díez-Rivero, Carmen M, OCHOA GRULLON, JULIANA LUCIA, FERNÁNDEZ ARQUERO, MIGUEL, PEREZ DE DIEGO, REBECA, SÁNCHEZ RAMÓN, SILVIA. Trained Immunity Based-Vaccines as a Prophylactic Strategy in Common Variable Immunodeficiency. A Proof of Concept Study. Biomedicines. 2020; 8(7): na-na. DOI: 10.3390/biomedicines8070203. IF: 4,717. (Q1).

NEW COMPETITIVE FUNDING

CM20/00098. RRHH RIO HORTEGA: Kissy Guevara- Hoyer. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FI20/00246. CONTRATO PFIS: SUBHI-ISSA MARIN, NABIL ALBERTO. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

SSR.C01CRIS. Financiación del Proyecto "FACTORES INMUNOLÓGICOS PREDICTIVOS EN PACIENTES CON INFECCIÓN ACTIVA FRENTE A SARS-COV-2 E INMUNODEFICIENCIA EN CÁNCER".. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: FUNDACION CRIS DE INVESTIGACION PARA VENCER EL CANCER.

SSR.F01GSK. Contrato de donación de GSK a la FIBHCSC para la compra de cartuchos de análisis y reactivos del grupo de Inmunología. PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: GLAXOSMITHKLINE S.A.

SSR.M01IGEN. Prestación de servicios para el estudio "Evaluación de la calidad de vida de los pacientes con cáncer de pulmón no microcítico metastásico con terapia suplementaria con IGEN-0206". PI: SÁNCHEZ RAMÓN, SILVIA. Funding Organisation: IGEN BIOLAB S.L.U.

CLINICAL PRACTICE GUIDELINES

Inmunidad Pediátrica y la Reapertura del Sistema Escolar en la Época de la Covid-19. Science Society: Ministerio de Ciencia e Innovación, España (2020).

Cordero, Elisa , Goycochea-Valdivia, Walter , Mendez-Echevarria, Ana , Allende, Luis M. , Alsina, Laia , Bravo Garcia-Morato, Maria , Gil-Herrera, Juana , Gudiol, Carlota , Len-Abad, Oscar , Lopez-Medrano, Francisco , Moreno-Perez, David , Munoz, Patricia , Olbrich, Peter , SÁNCHEZ RAMÓN, SILVIA, Soler-Palacin, Pere , Aguilera Cros, Clara , Ignacio Arostegui, Juan , Badell Serra, Isabel , Carbone, Javier , Fortun, Jesus , Gonzalez-Granado, Luis , Lopez-Granados, Eduardo , Manuel Lucena, Jose , Parody, Rocio , Ramakers, Jan , Regueiro, Jose R. , Riviere, Jacques G. , Roca-Oporto, Cristina , Rodriguez Pena, Rebeca , Luis Santos-Perez, Juan , Rodriguez-Gallego, Carlos , Neth, Olaf. Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE. 2020; 8(10): 3342-3347.

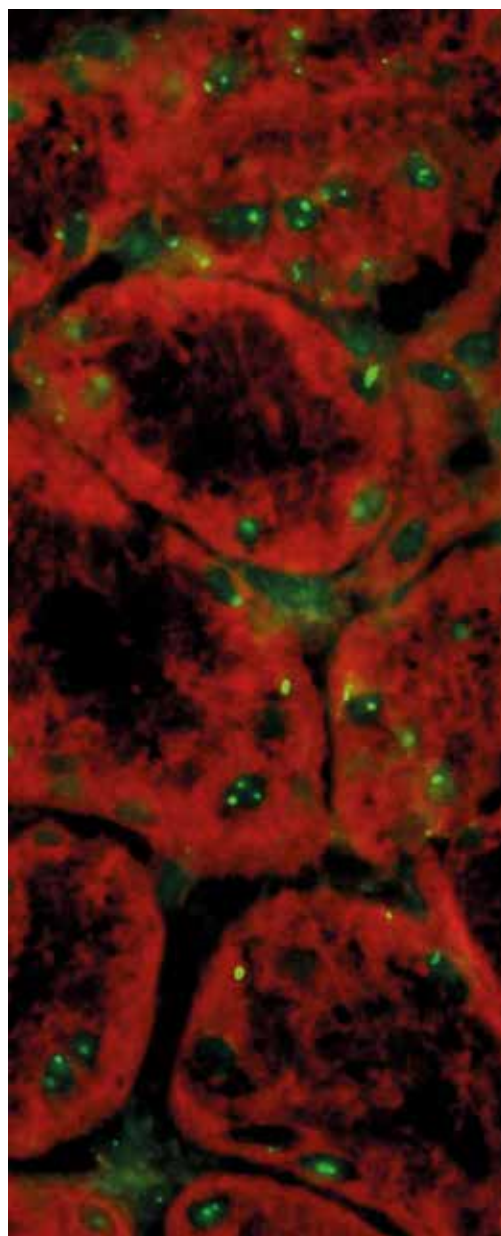
Cordero, Elisa , Goycochea-Valdivia, Walter , Mendez-Echevarria, Ana , Allende, Luis M. , Alsina, Laia , Bravo Garcia-Morato, Maria , Gil-Herrera, Juana , Gudiol, Carlota , Len-Abad, Oscar , Lopez-Medrano, Francisco , Moreno-Perez, David , Munoz, Patricia , Olbrich, Peter , SÁNCHEZ RAMÓN, SILVIA, Soler-Palacin, Pere , Aguilera Cros, Clara , Ignacio Arostegui, Juan , Badell Serra, Isabel , Carbone, Javier , Fortun, Jesus , Gonzalez-Granado, Luis , Lopez-Granados, Eduardo , Manuel Lucena, Jose , Parody, Rocio , Ramakers, Jan , Regueiro, Jose R. , Riviere, Jacques G. , Roca-Oporto, Cristina , Rodriguez Pena, Rebeca , Luis Santos-Perez, Juan , Rodriguez-Gallego, Carlos , Neth,

Olaf. Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2020; 38(9): 438-443.

AWARDS

Researcher aware: Kissy Guevara Hoyer. Award: Premio mejor residente del Hospital Clínico San Carlos: Kissy Guevara Hoyer.

Researcher aware: Kissy Guevara Hoyer. Award: EFIS-IL Short-term Fellowship Kissy Guevara Hoyer, Federation of European immunology Societies.



Organ and tissue on chip group and In-Vitro detection

NEW GROUP 2020



LEADING RESEARCHER

Holgado Bolaños, Miguel

MEMBERS

Álvaro Lavín Hueros
Ana López Hernández
Ana María Martín Murillo
Araceli Díaz Perales
Beatriz Santamaría Fernández
Jaime Tome Amat
Luca Tramarin
María Fé Laguna Heras
María Garrido Arandia
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 organ-on-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.



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID

☀ TECHNOLOGY TRANSFER

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; DÍAZ 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.

INTERFEROMETRIC DETECTION METHOD: Inventors: HOLGADO BOLAÑOS, Miguel; SANZA GUTIÉRREZ, Francisco Javier; LAGUNA HERAS, María Fe LAVIN HUEROS, Álvaro CASQUEL DEL CAMPO, Rafael.

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.

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-RAMÍREZ, Juan José MORALES FURIÓ, Miguel.



DOCTORATE THESES

Doctoral candidate: Beatriz Santamaría Fernández. Thesis title: Development and Optimization of an Optical Label-Free Biosensor for Ocular Pathologies Director(s): Miguel Holgado Bolaños, María Fe Laguna Heras. University: Universidad Politécnica de Madrid.



COMPETITIVE FUNDING

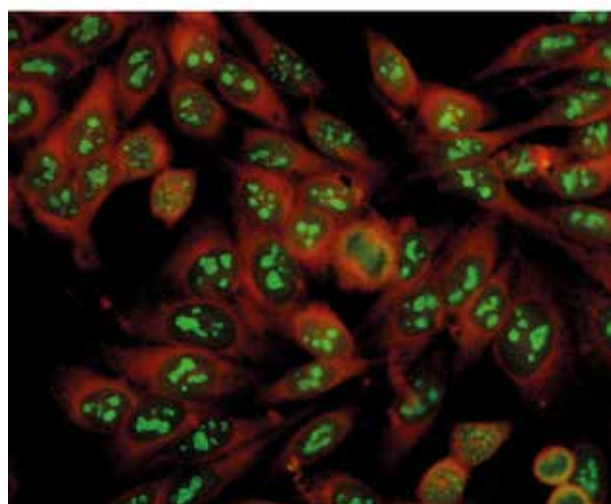
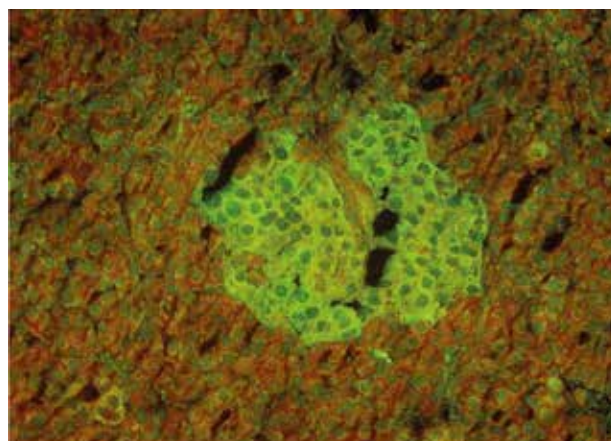
VIMPACTO20MHB . PILOTO DE INVESTIGACIÓN, VOLUNTARIO, EXPERIMENTAL Y NO VINCULANTE PARA DETECCIÓN PRECOZ, VIGILANCIA Y CONTROL DE COVID-19 . PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID.



OWN FUNDING

20/320-E_COVID. Testado de la reactividad de los diferentes clones de proteína de la envoltura (S1) del SAR-COV-2. PI: HOLGADO BOLAÑOS, MIGUEL.

COV20/00277. Sistema de detección In-Vitro para el reconocimiento específico de IgGs, IgMs en suero de sangre, así como RNA del SARS-CoV-2 y evaluación de citoquinas. PI: HOLGADO BOLAÑOS, MIGUEL.





NE

NE

NEUROSCIENCE

EC

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.5** Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)
- 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.21** Pharmaceutical Innovation in Ophthalmology
- NEC.22** Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

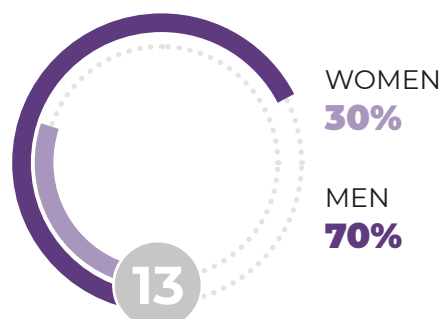




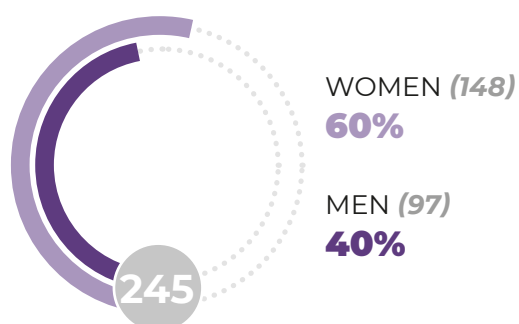

ANNUAL GOALS

	COMPLETED	NOT COMPLETED
<i>Promoting cooperation in competitive research RH projects.</i>	✓	X
<i>Participate in meetings between groups</i>	✓	X
<i>Promoting participation in international projects.</i>	✓	X
<i>Actions in line with the lines of the Strategic Plan in force.</i>	✓	X

GROUP LEAD RESEARCHERS



TOTAL PROFESSIONALS IN THE AREA



SCIENTIFIC PRODUCTION



OPEN ACCESS

**43,91%**

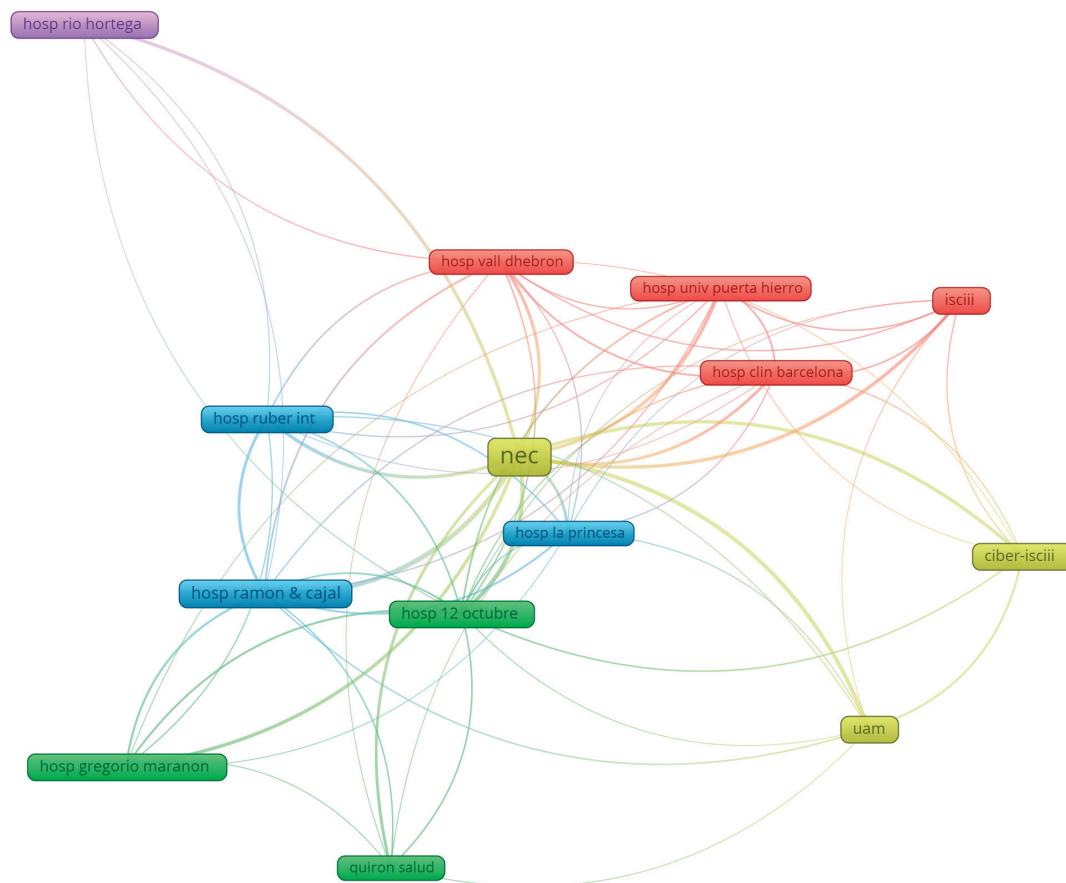
of the documents have been
published in open access
journals.

JOURNALS WITH THE HIGHEST PUBLICATION RATE IN THE AREA

During 2020, the NEC area's researchers have published in 123 different journals. The top 5 journals where they publish the most are shown below. It represents the 24,78% of the scientific production of this area. It should be noted that the journal in which they publish the most is located in the third quartile.

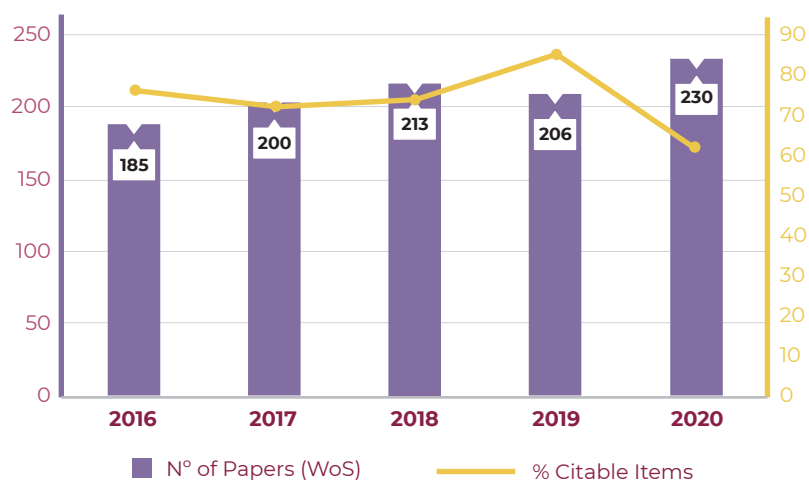
Journal	Nº of Papers (WoS)	Times Cited	Nº Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
NEUROLOGIA	19	89	9	84	Q3 (115/208)	Clinical Neurology	0.682	0.55	2.991
EUROPEAN JOURNAL OF NEUROLOGY	14	159	3	153	Q1 (53/273)	Neurosciences	1.595	1.30	5.873
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING	8	0	0	0	Q1 (5/134)	Radiology, Nuclear Medicine and Medical Imaging	2.144	2.45	8.103
INTERNATIONAL JOURNAL OF STROKE	8	0	0	0	Q1 (43/208)	Clinical Neurology	2.024	1.21	5.018
JOURNAL FRANCAIS D OPHTALMOLOGIE	8	2	4	1	Q4 (61/62)	Ophthalmology	0.222	0.23	0.745
Total	57	250	16	238					

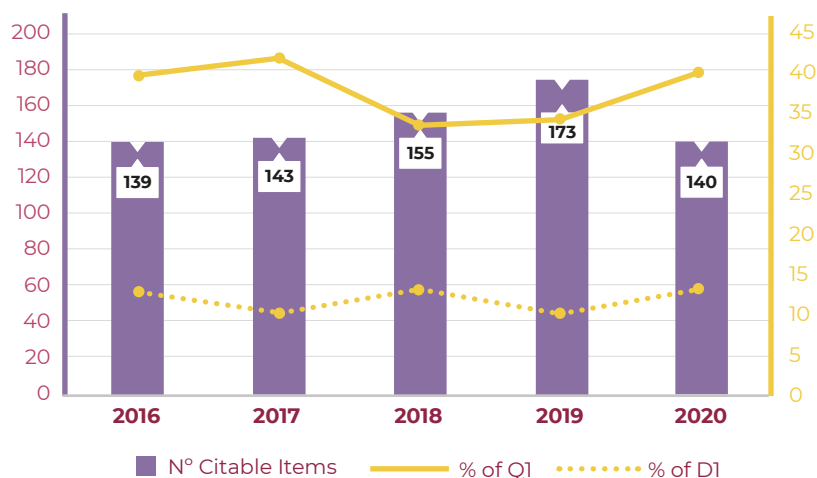
SCIENTIFIC COLLABORATION BY CENTER (> 10 PAPERS)



VOSviewer

SCIENTIFIC PRODUCTION (2016-2020)




 Σ **486,258** Total impact factor

 $\bar{X}$ **3,424** Average impact factor

SELECTED 5 PUBLICATIONS

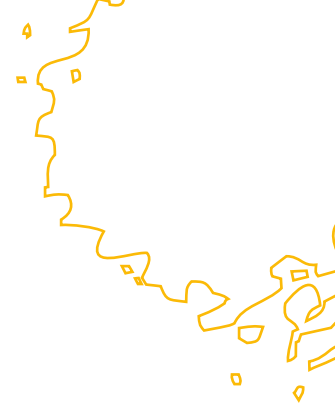
de Frutos-Lucas, Jaisalmer , Lopez-Sanz, David , Cuesta, Pablo , BRUÑA FERNANDEZ, RICARDO, de la Fuente, Sofia , Serrano, Noelia , LOPEZ GARCIA, MARIA EUGENIA, Delgado-Losada, Maria Luisa , Lopez-Higes, Ramon , MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO. Enhancement of posterior brain functional networks in bilingual older adults. BILINGUALISM-LANGUAGE AND COGNITION. 2020; 23(2): 387-400. DOI: 10.1017/S1366728919000178. IF: 2,21. (Q1).

de Frutos-Lucas, Jaisalmer , Cuesta, Pablo , Lopez-Sanz, David , Peral-Suarez, Africa , Cuadrado-Soto, Esther , Ramirez-Torano, Federico , Brown, Belinda M. , Serrano, Juan M. , Laws, Simon M. , Rodriguez-Rojo, Inmaculada C. , Verdejo-Roman, Juan , BRUÑA FERNANDEZ, RICARDO, Delgado-Losada, Maria L. , BARABASH BUSTELO, ANA MARÍA, LOPEZ SOBALER, ANA MARIA, Lopez-Higes, Ramon , MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO. The relationship between physical activity, apolipoprotein E epsilon 4 carriage, and brain health. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00608-3. IF: 6,116. (Q1).

Abbruzzese, Giuseppe , Moron-Oset, Javier , DÍAZ-CASTROVERDE VICARIO, SABELA, Garcia-Font, Nuria , RONCERO ROMERO, CESÁREO, Lopez-Munoz, Francisco , Marco Contelles, Jose Luis , OSET GASQUE, MARIA JESÚS. Neuroprotection by Phytoestrogens in the Model of Deprivation and Resupply of Oxygen and Glucose In Vitro: The Contribution of Autophagy and Related Signaling Mechanisms. ANTIOXIDANTS. 2020; 9(6): na-na. DOI: 10.3390/antiox9060545. IF: 5,014. (Q1).

CARRASCO PERERA, JOSÉ LUIS, Buenache, E. , MacDowell, K. S. , DE LA VEGA RODRIGUEZ, IRENE, LÓPEZ VILLATORO, JOSÉ MANUEL, Moreno, B. , DÍAZ MARSÁ, MARINA FRANCISCA, Leza, J. C. . Decreased oxytocin plasma levels and oxytocin receptor expression in borderline personality disorder. Acta Psychiatrica Scandinavica. 2020; 142(4): 319-325. DOI: 10.1111/acps.13222. IF: 5,362. (Q1).

de Frutos-Lucas, Jaisalmer , Cuesta, Pablo , Ramirez-Torano, Federico , Nebreda, Alberto , Cuadrado-Soto, Esther, Peral-Suarez, Africa , Lopez-Sanz, David , BRUÑA FERNANDEZ, RICARDO, Marcos-de Pedro, Silvia , Delgado-Losada, Maria Luisa , LOPEZ SOBALER, ANA MARIA, Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, Serrano Rodriguez, Juan Manuel , Laws, Simon M. , Dolado, Alberto Marcos , Lopez-Higes, Ramon , Brown, Belinda M. , MAESTU UNTURBE, FERNANDO. Age and APOE genotype affect the relationship between objectively measured physical activity and power in the alpha band, a marker of brain disease. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00681-8. IF: 6,116. (Q1).



ACTIVITY



65

Active Clinical Trials



12

Active Epidemiological Study / Other



9

Active Observational Study



12

New Competitive funding

Awards



8



Clinical
practice
guidelines



1



Doctorate
Theses



10



Clinical and Neurobiological Research in Psychiatry and Mental Health

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

8

Nº OF PAPERS JCR INDEXED

8

CITABLE ITEMS

88%⁽⁷⁾

Q1 (CITABLE ITEMS)

29%⁽²⁾

CUMULATIVE IF

16,82

AVERAGE IF

2,40



LEADING RESEARCHERS

Reneses Prieto, Blanca
 Palomo Alvarez, Tomás

MEMBERS

Antonio Pelaz Antolín
 Beatriz Serván Rendon-Luna
 Carlos Ernesto Fernandez García
 David Fraguas Herraiz
 Elisa Rodríguez Toscano
 Isabel María Argudo Carpel
 José Antonio Gallastegui Galán
 Julia García-Albea Martín
 Julia Sevilla Llewellyn-Jones
 Lucía Gallego Deike
 M^a Del Rosario Pérez Moreno
 M^a Isabel Ramos García
 María Dolores Saiz González
 María Inés López-Ibor Alcocer
 María Luisa Zamarro Arranz
 Nuria Tur Salamanca
 Rosa María Molina Ruíz
 Sara Pérez Martínez



OVERVIEW

This group was created on the basis of the Psychiatry and Mental Health Research Group led by Professor Juan José López-Ibor until December 2014, and the subsequent incorporation of Professor Thomas Palomo, PI of the G19 Group of CIBERSAM. In order to continue the already established lines, and to strengthen the research in the area of clinical and basic research of mental disorders, particularly in psychoses and related disorders, this group has a shared coordination between Prof. Tomas Palomo (Universidad Complutense de Madrid) and Dr. Blanca Reneses (San Carlos Clinical Hospital).



SELECTED PUBLICATIONS

- ▶ GONZÁLEZ VIVES, SARA, DÍAZ MARSÁ, MARINA FRANCISCA, DE LA VEGA RODRIGUEZ, IRENE, PALOMARES MORA, NEREA, VÁZQUEZ RIZALDOS, SONIA, LÓPEZ VILLATORO, JOSÉ MANUEL, PALOMO ALVAREZ, TOMÁS, CARRASCO PERERA, JOSÉ LUIS. Hypothalamic-pituitary axis response to a 0.25-MG dexamethasone test in women with fibromyalgia.. STRESS-THE INTERNATIONAL JOURNAL ON THE BIOLOGY OF STRESS. 2020; 23(3): 1-6. DOI: 10.1080/10253890.2019.1678024. IF: 3,102. (Q1).
- ▶ RENESES PRIETO, BLANCA, Aguera-Ortiz, Luis, SEVILLA LLEWELLYN-JONES, JULIA, CARRILLO GARCIA, ANTONIO, Argudo, Isabel, José Regatero, María, López-Mico, Cristina, FUENTES FERRER, MANUEL ENRIQUE, PALOMO ALVAREZ, TOMÁS. Staging of depressive disorders: Relevance of resistance to treatment and residual symptoms. JOURNAL OF PSYCHIATRIC RESEARCH. 2020; 129. 234-240. DOI: 10.1016/j.jpsychires.2020.07.022. IF: 3,745. (Q1).



NEW COMPETITIVE FUNDING

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.



NEW NON COMPETITIVE FUNDING

CONV20/173. Acuerdo de tratamiento de datos para realización del Proyecto Covid Clin Sam. Asociado al acuerdo 20/172. PI: RENESES PRIETO, BLANCA. Funding Organisation: PANADERO GOMEZ, ROCIO.

Advanced Research in Personality Disorders, Aggression and Impulse Control

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

14

Nº OF PAPERS JCR INDEXED

14

CITABLE ITEMS

71%(10)

Q1 (CITABLE ITEMS)

50%(5)

D1 (CITABLE ITEMS)

10%(1)

CUMULATIVE IF

30,25

AVERAGE IF

3,02



LEADING RESEARCHER

Carrasco Perera, José Luis

MEMBERS

Alejandro De La Torre Luque
 Ana Montes Montero
 Andrés Pemau Gurumeta
 Blanca Mellor Marsa
 Irene De La Vega Rodríguez
 Marina Francisca Díaz Marsá
 Miguel Yus Fuertes
 Patricia Díaz Carracedo
 Rafael Fernández García-Andrade
 Sara González Vives
 Verónica Fernández Rodríguez

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).

As a key line of research, the NEC.2 group is interested in gaining insight into 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, 2020). In addition, current research development comprises the study of neuro-impulsivity markers (through RNM, magnetoencephalography) of psychogenic factors, such as childhood trauma, emotional and affective response, and attention deficit disorder. Another recent line of research to be deserved focuses on disentangling the inflammatory underpinnings and the role neuroendocrine agents (oxytocin) in impulsive behaviors and related disorders (see Caso et al., 2020; MacDowell et al., 2019). Finally, the study of suicidal behavior has been triggered by the integration of some of the group members in an ambitious research consortium (SURVIVE consortium) leading to intensive work on clarifying relevant risk factors of suicide ideation and attempt, and prevention program development.

 SELECTED PUBLICATIONS

- ▶ GONZÁLEZ VIVES, SARA, DÍAZ MARSÁ, MARINA FRANCISCA, DE LA VEGA RODRIGUEZ, IRENE, PALOMARES MORA, NEREA, VÁZQUEZ RIZALDOS, SONIA, LÓPEZ VILLATORO, JOSÉ MANUEL, PALOMO ALVAREZ, TOMÁS, CARRASCO PERERA, JOSÉ LUIS. Hypothalamic-pituitary axis response to a 0.25-MG dexamethasone test in women with fibromyalgia.. STRESS-THE INTERNATIONAL JOURNAL ON THE BIOLOGY OF STRESS. 2020; 23(3): 1-6. DOI: 10.1080/10253890.2019.1678024. IF: 3,102. (Q1).
- ▶ Caso, Javier R., Graell, Montserrat, NAVALON FRAILE, AIDA, MacDowell, Karina S., Gutierrez, Silvia, Soto, Marta, Leza, Juan C., CARRASCO PERERA, JOSÉ LUIS, Diaz Marsa, Marina. Dysfunction of inflammatory pathways in adolescent female patients with anorexia nervosa. PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY. 2020; 96. na-na. DOI: 10.1016/j.pnpbp.2019.109727. IF: 4,361. (Q1).
- ▶ CARRASCO PERERA, JOSÉ LUIS, Buenache, E., MacDowell, K. S., DE LA VEGA RODRIGUEZ, IRENE, LÓPEZ VILLATORO, JOSÉ MANUEL, Moreno, B., DÍAZ MARSÁ, MARINA FRANCISCA, Leza, J. C.. Decreased oxytocin plasma levels and oxytocin receptor expression in borderline personality disorder. Acta Psychiatrica Scandinavica. 2020; 142(4): 319-325. DOI: 10.1111/acps.13222. IF: 5,362. (Q1).

 NEW COMPETITIVE FUNDING

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.

 NEW NON COMPETITIVE FUNDING

CONV20/133. Contrato de subencargado entre la FIHCSC y la UCM . Acceso a datos para la realización del proyecto SURVIVE. PI: DÍAZ MARSÁ, MARINA FRANCISCA. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

12

N° OF PAPERS JCR INDEXED

12

CITABLE ITEMS

42%(5)

Q1 (CITABLE ITEMS)

100%(5)

D1 (CITABLE ITEMS)

80%(4)

CUMULATIVE IF

26,49

AVERAGE IF

5,30



LEADING RESEARCHER

Marcos Dolado, Alberto

MEMBERS

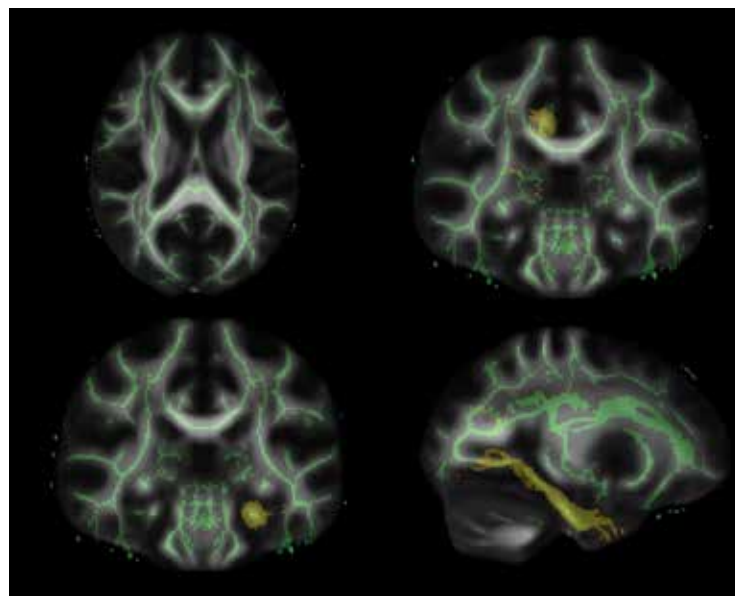
Ana María López Sobaler
 Aranzazu Aparicio Vizuete
 Fernando Maestu Unturbe
 Jaime Gómez Ramírez
 Javier Pacios García
 Laura María Bermejo López
 María Eugenia López García
 Pablo Cuesta Prieto
 Patricia Villavicencio Carrillo
 Ramón López-Higes Sánchez
 Ricardo Bruña Fernández
 Rosa María Ortega Anta

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 Polytechnic 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.

SELECTED PUBLICATIONS

- ▶ de Frutos-Lucas, Jaisalmer, Cuesta, Pablo, Ramírez-Torano, Federico, Nebreda, Alberto, Cuadrado-Soto, Esther, Peral-Suarez, Africa, López-Sanz, David, BRUÑA FERNANDEZ, RICARDO, Marcos-de Pedro, Silvia, Delgado-Losada, María Luisa, LÓPEZ SOBALER, ANA MARÍA, Concepcion Rodriguez-Rojo, Inmaculada, BARABASH BUSTELO, ANA MARÍA, Serrano Rodriguez, Juan Manuel, Laws, Simon M., Dolado, Alberto Marcos, López-Higes, Ramon, Brown, Belinda M., MAESTU UNTURBE, FERNANDO. Enhancement of posterior brain functional networks in bilingual older adults. BILINGUALISM-LANGUAGE AND COGNITION. 2020; 23(2): 387-400. DOI: 10.1017/S1366728919000178. IF: 2,21. (Q1).
- ▶ de Frutos-Lucas, Jaisalmer, Cuesta, Pablo, López-Sanz, David, Peral-Suarez, Africa, Cuadrado-Soto, Esther, Ramírez-Torano, Federico, Brown, Belinda M., Serrano, Juan M., Laws, Simon M., Rodriguez-Rojo, Inmaculada C., Verdejo-Roman, Juan, BRUÑA FERNANDEZ, RICARDO, Delgado-Losada, María L., BARABASH BUSTELO, ANA MARÍA, LÓPEZ SOBALER, ANA MARÍA, López-Higes, Ramon, MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO. The relationship between physical activity, apolipoprotein E epsilon 4 carriage, and brain health. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00608-3. IF: 6,116. (Q1).
- ▶ de Frutos-Lucas, Jaisalmer, Cuesta, Pablo, Ramírez-Torano, Federico, Nebreda, Alberto, Cuadrado-Soto, Esther, Peral-Suarez, Africa, López-Sanz, David, BRUÑA FERNANDEZ, RICARDO, Marcos-de Pedro, Silvia, Delgado-Losada, María Luisa, LÓPEZ SOBALER, ANA MARÍA, Concepcion Rodriguez-Rojo, Inmaculada, BARABASH BUSTELO, ANA MARÍA, Serrano Rodriguez, Juan Manuel, Laws, Simon M., Dolado, Alberto Marcos, López-Higes, Ramon, Brown, Belinda M., MAESTU UNTURBE, FERNANDO. Age and APOE genotype affect the relationship between objectively measured physical activity and power in the alpha band, a marker of brain disease. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00681-8. IF: 6,116. (Q1).



Diffusion tensor imaging measures of brain connectivity by Fractional Anisotropy.

Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

10

N° OF PAPERS JCR INDEXED

10

CITABLE ITEMS

90%⁽⁹⁾

Q1 (CITABLE ITEMS)

11%⁽¹⁾

D1 (CITABLE ITEMS)

11%⁽¹⁾

CUMULATIVE IF

34,08

AVERAGE IF

3,79

LEADING RESEARCHER

Barcía Albacar, Juan Antonio

MEMBERS

Adela Fraile Pereda
 Alberto Del Cerro León
 Carla Fernández García
 Cristina Nombela Otero
 Idoia Barca Fernández
 Irene Jiménez Coca
 Leyre Sanchez Sánchez De Rojas
 María Victoria Acedo Diaz-Pacho
 M^a De Las Mercedes González Hidalgo
 Noelia Esteban García
 Oleza López Cantó

OVERVIEW

This research group aims to promote the reorganization and repair of damaged brain through neurosurgical 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.

SELECTED PUBLICATIONS

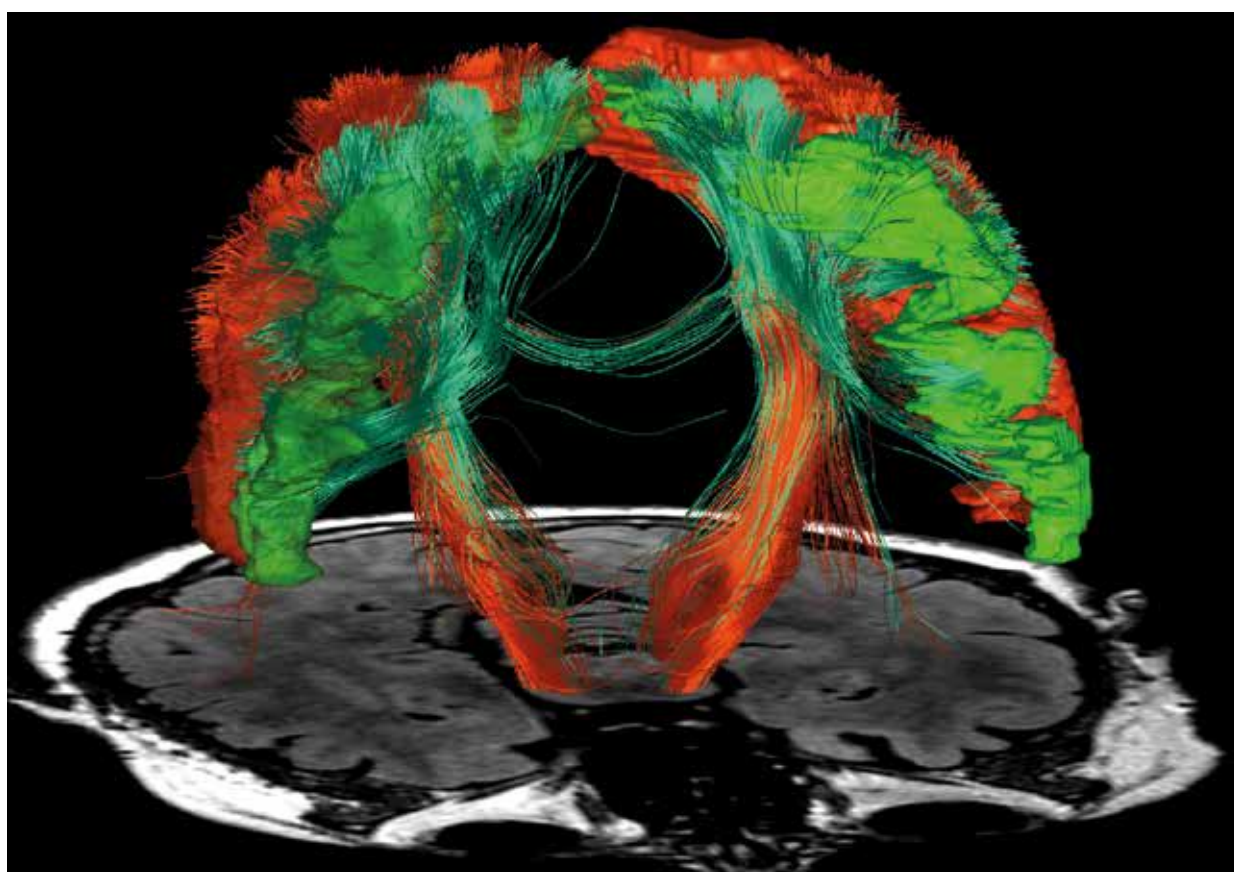
- Li, Ningfei, Baldermann, Juan Carlos, Kibleur, Astrid, Treu, Svenja, Akram, Harith, Elias, Gavin J. B., Boutet, Alexandre, Lozano, Andres M., Al-Fatly, Bassam, Strange, Bryan, BARCIA ALBACAR, JUAN ANTONIO, Zrinzo, Ludvic, Joyce, Eileen, Chabardes, Stephan, Visser-Vandewalle, Veerle, Polosan, Mircea, Kuhn, Jens, Kuehn, Andrea A., Horn, Andreas. A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. NATURE COMMUNICATIONS. 2020; 11(1): na-na. DOI: 10.1038/s41467-020-16734-3. IF: 12,121. (Q1).

NEW COMPETITIVE FUNDING

CM20/00246. RRHH RIO HORTEGA: JOSUE AVECILLAS CHASIN. PI: BARCIA ALBACAR, JUAN ANTONIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ-2020-TL/BMD-18361. 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.

CP20/00162. RRHH MIGUEL SERVET I: Cristina Nombela Otero. PI: NOMBELA OTERO, CRISTINA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.



Neurological Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

109

N° OF PAPERS JCR INDEXED

109

CITABLE ITEMS

52%(57)

Q1 (CITABLE ITEMS)

33%(19)

D1 (CITABLE ITEMS)

11%(6)

CUMULATIVE IF

195,49

AVERAGE IF

3,43

LEADING RESEARCHER

Matías-Guiú Guia, Jorge

MEMBERS

Alejandro Horga Hernández
 Antonio Guerrero Sola
 Beatriz Parejo Carbonell
 Belén Ramírez Nicolás
 Carlos Gómez-Escalonilla Escobar
 Cristina Delgado Alonso
 Eva López Valdes
 Francisco Javier Martínez Orozco
 Guillermo Mejias Martínez
 Inmaculada Sanclemente Alamán
 Irene García Morales
 Javier Martínez Poles
 Jesús Porta Etessam
 Jordi Matías-Guiú Antem
 José Antonio Egido Herrero
 José Luís Carreras Delgado
 José Luís González Gutiérrez
 Juan Miguel Godoy Corchuelo
 Laura Hernandez Lorenzo
 Laura Torre Fuentes
 Lidia Moreno Jimenez
 Lucía Galán Dávila
 Luis Carlos Fernández Beltrán
 Luis José López-Ibor Aliño
 Luísa Panades De Oliveira
 M^a Luz Cuadrado Pérez
 M^a Soledad Benito Martín
 María Isabel Villalibre Valderrey
 María José Catalán Alonso
 María Nieves Cabrera Martín
 María Pérez Garoz
 María Rocío García-Ramos García
 María Romeral Jiménez
 Marta Palacios Sarmiento
 Paloma Balugo Bengoechea
 Paloma Montero Escribano
 Patricia Simal Hernández
 Silvia Corrochano Sánchez
 Susana Martín Albarrán
 Ulises Alfonso Gómez Pinedo
 Vanesa Verónica Pytel



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

- ▶ Palacios-Cena, Domingo, Talavera, Blanca, MAYORDOMO CASADO, BLANCA, GARCIA AZORIN, DAVID, Gallego-Gallego, María, Guerrero, Angel L., CUADRADO PÉREZ, M^a LUZ. The Day My Life Changed: A Qualitative Study of the Experiences of Patients With New Daily Persistent Headache. Headache. 2020; 60(1): 124-140. DOI: 10.1111/head.13712. IF: 4,041. (Q1).
- ▶ PORTA ETESSAM, JESÚS, MATÍAS-GUÍU ANTEM, JORDI, GONZÁLEZ GARCÍA, NURIA, Iglesias, Patricia Gomez, SANTOS BUESO, ENRIQUE, ARRIOLA VILLALOBOS, PEDRO, GARCIA AZORIN, DAVID, MATÍAS-GUIU GUIA, JORGE. Spectrum of Headaches Associated With SARS-CoV-2 Infection: Study of Healthcare Professionals. Headache. 2020; 60(8): 1697-1704. DOI: 10.1111/head.13902. IF: 4,041. (Q1).
- ▶ PEREZ GARCIA, CARLOS NICOLAS, MOREU GAMAZO, MANUEL, ROSATI, SANTIAGO, SIMAL HERNÁNDEZ, PATRICIA, EGIDO HERRERO, JOSÉ ANTONIO, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS, ARRAZOLA GARCÍA, JUAN LORENZO. Mechanical Thrombectomy in Medium Vessel Occlusions Blind Exchange With Mini-Pinning Technique Versus Mini Stent Retriever Alone. Stroke. 2020; 51(11): 3224-3231. DOI: 10.1161/STROKEAHA.120.030815. IF: 7,19. (Q1).

NEW COMPETITIVE FUNDING

CD20/00157. RRHH RIO HORTEGA: Alicia Leiva. PI: MATÍAS-GUÍU ANTEM, JORDI. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FI20/00145. CONTRATOS PFIS: MARÍA VALLES SALGADO. PI: MATÍAS-GUÍU ANTEM, JORDI. 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.

INT20/00079. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Jordi Matías-guiú. PI: MATÍAS-GUÍU ANTEM, JORDI. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PID2020-115370RB-I00. Descifrando el papel causal del metabolismo lipídico en la aparición de las alteraciones clínicas en el espectro de enfermedades ELA y DFT.. PI: CORROCHANO SANCHEZ, SILVIA. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

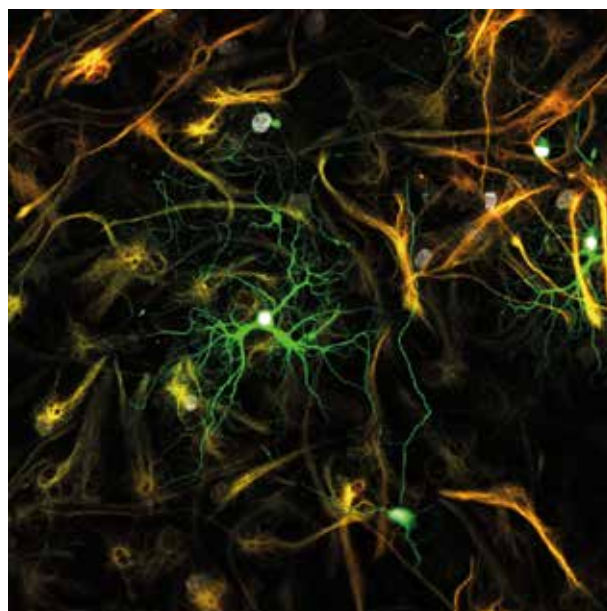
NEW NON COMPETITIVE FUNDING

JPE.M01LILLY. Convenio de Colaboración entre LILLY-FIBHCSC RN relación con el Evento organizado de sesiones de formación en cefaleas a lo largo del 2020. PI: PORTA ETESSAM, JESÚS. Funding Organisation: LILLY S.A.

LGD.M01ALN. Convenio colaboración económica para la realización del estudio DETECCIÓN PRECOZ DE LAS ALTERACIONES NEUROLÓGICAS EN HATTR. PI: GALÁN DÁVILA, LUCÍA. Funding Organisation: ALNYLAM PHARMACEUTICALS, INC.

CLINICAL PRACTICE GUIDELINES

Medina-Polo, Jose , Adot, Jose Maria , Allue, Marta , Arlandis, Salvador , Blasco, Pedro , Casanova, Bonaventura , MATÍAS-GUIU GUIA, JORGE, Madurga, Blanca , Meza-Murillo, Edwin-Roger , Mueller-Arteaga, Carlos , Rodriguez-Acevedo, Breogan , Vara, Jesus , Zubiaur, Maria Carmen , Lopez-Fando, Luis. Consensus document on the multidisciplinary management of neurogenic lower urinary tract dysfunction in patients with multiple sclerosis. NEUROUROLOGY AND URODYNAMICS. 2020; 39(2): 762-770.



Research group on environmental factors in degenerative diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

16

N° OF PAPERS JCR INDEXED

16

CITABLE ITEMS

56%⁽⁹⁾

Q1 (CITABLE ITEMS)

56%⁽⁵⁾

D1 (CITABLE ITEMS)

11%⁽¹⁾

CUMULATIVE IF

40,09

AVERAGE IF

4,45

LEADING RESEARCHER

Álvarez Lafuente, Roberto

MEMBERS

Isabel Ortega Madueño
 María Ángel García Martínez
 María Celeste García-Frontini Nieto
 M^a Inmaculada Domínguez Mozo
 Roberto Álvarez Lafuente
 Silvia Pérez Pérez



OVERVIEW

Our group's main line of research is the study of the involvement of environmental factors in the aetiopathogenesis of degenerative diseases and their possible use as biomarkers in the prognosis of the disease and in the response to treatment, as well as the study of the mechanisms of interaction between these environmental factors and the possible genetic factors of susceptibility to these diseases. In 1997 we began a new line of pioneering research in Spain: the study of the possible involvement of herpesviruses in the aetiopathogenesis of multiple sclerosis; we currently have internationally validated detection protocols, we have established multiple national and international collaborations, and we have developed different projects that have been continuously funded both publicly (FIS) and privately, which has allowed us to publish more than 40 international articles on this particular subject. In recent years we have also included the study of other environmental factors, such as the JC virus, vitamin D, the study of human endogenous retroviruses (HERVs) and different metabolites of the microbiota, in this and other degenerative diseases. Finally, throughout this time, we have also been carrying out interaction studies between the different genetic susceptibility factors and the environmental factors studied, in order to study in depth the possible mechanisms involved in the origin of these diseases.

SELECTED PUBLICATIONS

- ▶ ESPINO PAISAN, LAURA, AGUDO JIMENEZ, TERESA, Rosales-Martinez, Isabel, LÓPEZ-COTARELO GARCIA DE DIEGO, PILAR, GARCÍA MARTÍNEZ, MARÍA ÁNGEL, DOMÍNGUEZ MOZO, MARÍA INMACULADA, PEREZ PEREZ, SILVIA, DIELI CRIMI, ROMINA, Comabella, Manuel, URCELAY GARCÍA, ELENA, ÁLVAREZ LAFUENTE, ROBERTO. A Polymorphism Within the MBP Gene Is Associated With a Higher Relapse Number in Male Patients of Multiple Sclerosis. FRONTIERS IN IMMUNOLOGY. 2020; 11. na-na. DOI: 10.3389/fimmu.2020.00771. IF: 5,085. (Q1).
- ▶ Cruz Sadaba, María, Rothhammer, Veit, Munoz, Ursula, Sebal, Cristina, Escudero, Esther, Kivisakk, Pia, Garcia Sanchez, María Isabel, Izquierdo, Guillermo, Hauser, Stephen L., Baranzini, Sergio E., Oksenberg, Jorge R., ÁLVAREZ LAFUENTE, ROBERTO, Bakshi, Rohit, Weiner, Howard L., Quintana, Francisco J.. Serum antibodies to phosphatidylcholine in MS. NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION. 2020; 7(4): na-na. DOI: 10.1212/NXI.0000000000000765. IF: 7,724. (Q1).
- ▶ DOMÍNGUEZ MOZO, MARÍA INMACULADA, Nieto-Guerrero, Alejandro, PEREZ PEREZ, SILVIA, GARCÍA MARTÍNEZ, MARÍA ÁNGEL, ARROYO GONZÁLEZ, RAFAEL VÍCTOR, ÁLVAREZ LAFUENTE, ROBERTO. MicroRNAs of Human Herpesvirus 6A and 6B in Serum and Cerebrospinal Fluid of Multiple Sclerosis Patients. FRONTIERS IN IMMUNOLOGY. 2020; 11. na-na. DOI: 10.3389/fimmu.2020.02142. IF: 5,085. (Q1).

Brain Mapping

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

2

N° OF PAPERS JCR INDEXED

2

CITABLE ITEMS

100%⁽²⁾

CUMULATIVE IF

3,78

AVERAGE IF

1,89



LEADING RESEARCHER

Pozo García, Miguel Angel

MEMBERS

Eva M^a Moreno Montes

Irene Rincón Pérez

José Antonio Hinojosa Poveda

Luis García García

Mercedes Delgado Wallace

Miguel Ángel Pozo García

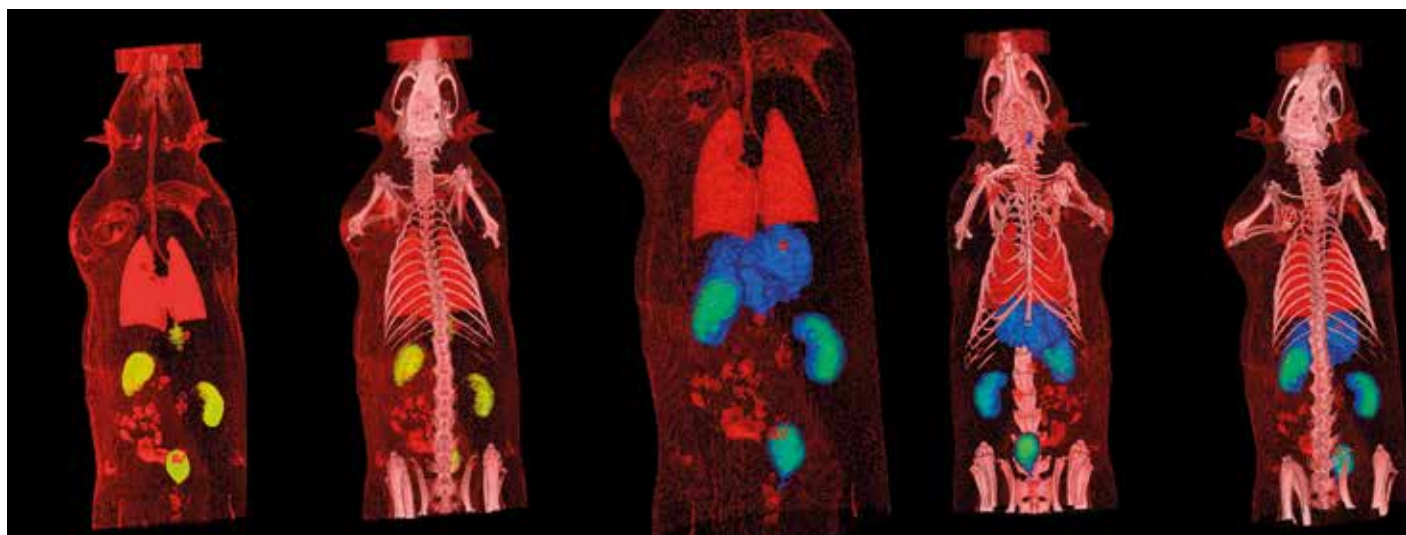
Rubén Fernández de la Rosa

OVERVIEW

Our research center possesses a 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 in humans and molecular imaging microPET techniques in animals. 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 machines and in innovative procedures for medical diagnosis in line with the latest scientific developments in the field.

SELECTED PUBLICATIONS

- Marmolejo-Ramos, Fernando, Murata, Aiko, Sasaki, Kyoshiro, Yamada, Yuki, Ikeda, Ayumi, HINOJOSA POVEDA, JOSÉ ANTONIO, Watanabe, Katsumi, Parzuchowski, Michal, Tirado, Carlos, Ospina, Raydonal. Your Face and Moves Seem Happier When I Smile Facial Action Influences the Perception of Emotional Faces and Biological Motion Stimuli. EXPERIMENTAL PSYCHOLOGY. 2020; 67(1): 14-22. DOI: 10.1027/1618-3169/a000470. IF: 0,803. (Q4).
- Rincon-Perez, I, Echeverry-Alzate, V, Sanchez-Carmona, A. J., Buhler, K. M., HINOJOSA POVEDA, JOSÉ ANTONIO, López-Moreno, J. A., ALBERT BITAUBE, JACOBO. The influence of dopaminergic polymorphisms on selective stopping. BEHAVIOURAL BRAIN RESEARCH. 2020; 381. na-na. DOI: 10.1016/j.bbr.2019.112441. IF: 2,977. (Q2).



Advanced Research in Personality Disorders, Aggression and Impulse Control

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

6

N° OF PAPERS JCR INDEXED

4

CITABLE ITEMS

100%⁽⁶⁾

Q1 (CITABLE ITEMS)

50%⁽³⁾

D1 (CITABLE ITEMS)

17 %⁽¹⁾

CUMULATIVE IF

22,37

AVERAGE IF

5,59

LEADING RESEARCHER

García Delicado, Esmerilda

MEMBERS

Antonio Rodríguez Artalejo
 M^a Victoria Barahona Gomariz
 Raquel Pérez Sen
 Francisco Javier Gualix Sánchez
 Miguel Díaz Hernández
 Luis Alcides Olivos Oré
 Felipe Ortega De La Ó
 María Rosa Gómez Villafuertes
 Beatriz Álvarez Castealo
 Álvaro Sebastián Serrano
 Carolina Bianchi
 Caterina Di Lauro
 Lucía Paniagua Herranz
 M^a Teresa Miras Portugal

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.





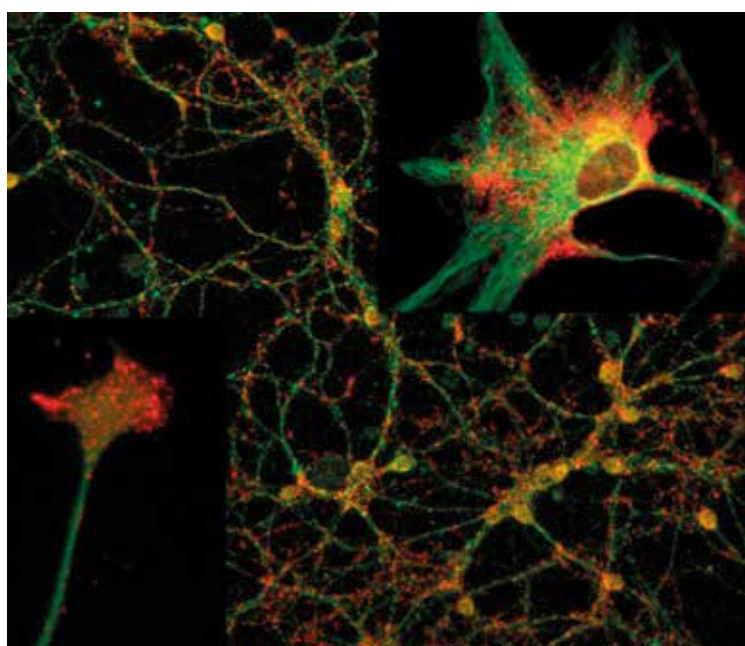
SELECTED PUBLICATIONS

- ▶ Jacobson, Kenneth A., GARCÍA DELICADO, ESMERILDA, Gachet, Christian, Kennedy, Charles, von Kuegelgen, Ivar, Li, Beibei, Miras-Portugal, M. Teresa, Novak, Ivana, Schoeneberg, Torsten, PÉREZ SEN, RÁQUEL, Thor, Doreen, Wu, Beili, Yang, Zhenlin, Mueller, Christa E.. Update of P2Y receptor pharmacology: IUPHAR Review 27. BRITISH JOURNAL OF PHARMACOLOGY. 2020; 177(11): 2413-2433. DOI: 10.1111/bph.1500510.1111/bph.15005. IF: 7,73. (Q1).
- ▶ Arribas-Blazquez, Marina, Alcides Oliyos-Ore, Luis, Victoria Barahona, María, Wojnicz, Aneta, De Pascual, Ricardo, Sanchez de la Muela, Mercedes, García, Antonio G., RODRÍGUEZ ARTALEJO, ANTONIO. The Adrenal Medulla Modulates Mechanical Allodynia in a Rat Model of Neuropathic Pain. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 2020; 21(21): na-na. DOI: 10.3390/ijms21218325. IF: 4,556. (Q1).
- ▶ Paniagua-Herranz, Lucia, Menendez-Mendez, Aida, GÓMEZ VILLAFUERTES, ROSA, Olivos-Ore, Luis A., Biscaia, Miguel, GUALIX, JAVIER L, PÉREZ SEN, RÁQUEL, GARCÍA DELICADO, ESMERILDA, RODRÍGUEZ ARTALEJO, ANTONIO, Teresa Miras-Portugal, María, ORTEGA, FELIPE. Live Imaging Reveals Cerebellar Neural Stem Cell Dynamics and the Role of VNUT in Lineage Progression. STEM CELL REPORTS. 2020; 15(5): 1080-1094. DOI: 10.1016/j.stemcr.2020.09.007. IF: 6,032. (Q1).



DOCTORATE THESES

Doctoral candidate: Juan Carlos Gil Redondo. Thesis title: Identificación de las proteínas fosfatasa de especificidad dual dianas de los receptores de nucleótidos en los astrocitos cerebelosos Director(s): Esmerilda García Delicado, Raquel Pérez Sen. University: UCM.



Research in Glaucoma, Retina and Visual Pathways

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

51

Nº OF PAPERS JCR INDEXED

51

CITABLE ITEMS

73%(37)

Q1 (CITABLE ITEMS)

35%(13)

D1 (CITABLE ITEMS)

3%(1)

CUMULATIVE IF

95,28

AVERAGE IF

2,57



LEADING RESEARCHER

García Feijó, Julián

MEMBERS

Ainhoa Colina Jareño
 Alicia Valverde Megias
 Ángel Romo López
 Carmen Dora Méndez Hernández
 Consuelo López Abad
 Cristina Calvo González
 Cristina Niño Rueda
 David Díaz Valle
 Enrique Santos Bueso
 Eva Vico Ruiz
 Federico Saenz-Frances San Baldomero
 Gema Felipe Marquez
 Guillermo Bernal Sancho
 José Antonio Gegúndez Fernández
 José Ignacio Fernández-Vigo Escribano
 José Manuel Benítez Del Castillo Sánchez
 José M^a Martínez De La Casa Fdez. Borrellá
 Juan Donate López
 Juan Reche Frutos
 Juan Troyano Rivas
 Julián García Sánchez
 Lara Borrego Sanz
 Laura Morales Fernández
 Lorenzo López Guajardo
 Lydia Medina Ramírez
 M^a Jesús Escobar Moreno
 María Aurelia Jiménez Santos
 María Teresa Iradier Urrutia
 Pedro Arriola Villalobos
 Ramón Torres Imaz
 Rosalía Méndez Fernández
 Rosario Gomez De Liaño
 Rubén Sánchez Jean
 Sofía García Sáenz
 Teresa Martín Orte
 Vanessa Andrés Guerrero

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

- ▶ BURGOS BLASCO, BARBARA, Vidal-Villegas, Beatriz, SAENZ-FRANCES SAN BALDOMERO, FEDERICO, MORALES FERNÁNDEZ, LAURA, PERUCHO GONZALEZ, LUCIA, GARCÍA FEIJÓO, JULIÁN, MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA. Tear and aqueous humour cytokine profile in primary open-angle glaucoma. ACTA OPHTHALMOLOGICA. 2020; 98(6): 768-772. DOI: 10.1111/aos.14374. IF: 3,362. (Q1).
- ▶ BURGOS BLASCO, BARBARA, Guemes-Villahoz, Noemi, SANTIAGO ÁLVAREZ, JOSÉ LUÍS, FERNÁNDEZ-VIGO ESCRIBANO, JOSÉ IGNACIO, ESPINO PAISAN, LAURA, Sarria, Beatriz, GARCÍA FEIJÓO, JULIÁN, MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA, JOSÉ MARÍA. Hypercytokinemia in COVID-19: Tear cytokine profile in hospitalized COVID-19 patients. EXPERIMENTAL EYE RESEARCH. 2020; 200. na-na. DOI: 10.1016/j.exer.2020.108253. IF: 3,011. (Q1).
- ▶ Salobar-Garcia, Elena, MÉNDEZ HERNÁNDEZ, CARMEN DORA, Hoz, Rosa de, Ramirez, Ana I., López-Cuenca, Ines, Fernandez-Albarral, José A., Rojas, Pilar, Wang, Surina, GARCÍA FEIJÓO, JULIÁN, GIL GREGORIO, PEDRO, Salazar, Juan J., Ramirez, José M.. Ocular Vascular Changes in Mild Alzheimer's Disease Patients: Foveal Avascular Zone, Choroidal Thickness, and ONH Hemoglobin Analysis. Journal of Personalized Medicine. 2020; 10(4): na-na. DOI: 10.3390/jpm10040231. IF: 4,433. (Q1).

AWARDS

Researcher aware: Almorín Fernández-Vigo I, Sánchez Guillén I, Fernández-Vigo Escribano JI, Macarro Merino A, Kudsieh B, Fernández-Vigo López JA.. Winning work: Concordancia Entre Pentacam® Y Oct Rtvue® En La Evaluación Del Vault De Las Lentes Fáquicas De Colámero. Award: Mejor comunicación tipo poster.

Researcher aware: Beatriz Vidal Villegas, Bárbara Burgos Blasco, Francisco Javier Moreno Morillo, José María Martínez de la Casa. Winning work: Biomarcadores del glaucoma primario de ángulo abierto y pseudoexfoliativo en lágrima y en humor acuoso. Award: Mejor comunicación tipo panel.

Researcher aware: José Ignacio Fernández Vigo Escribano. Winning work: Evaluación de las dimensiones del cuerpo ciliar mediante tomografía de coherencia óptica Swet Source en pacientes con glaucoma primario de ángulo abierto y sanos.. Award: Premio a mejor proyecto de innovación tecnológica..

Researcher aware: Blanca Benito Pascual, Pedro Arriola Villalobos, Jorge Peraza Nieves, Lucía Perucho González, José Manuel Fernández Sánchez Alarcos. Winning work: Propiedades corneales topográficas, anatómicas y biomecánicas en el síndrome grave de apnea-hipópnrea obstructiva del sueño. Award: Premio a mejor proyecto de innovación tecnológica. .

Researcher aware: Bárbara Burgos Blasco, Enríques Santos Bueso. Winning work: Espacio de Berger y ligamento de Wieger mediante tomografía de coherencia óptica 130 años después. Award: Premio a mejor proyecto de innovación tecnológica. .

Researcher aware: Lucía de Pablo Gómez de Liaño, José Ignacio Fernández-Vigo Escribano, Salomé Merino Menéndez, María Duque Muñoz y Rosario Gómez de Liaño. Winning work:

Estudio de correlación de la tomografía de coherencia óptica y la resonancia magnética para evaluar el grosor de los músculos rectos horizontales en la oftalmopatía de Graves. Award: Premio a mejor proyecto de innovación tecnológica. .

Researcher aware: Beatriz Vidal Villegas. Winning work: Efectos a corto y largo plazo de la excitotoxicidad mediada por NMDA sobre las células ganglionares de la retina melanopsinicas y no melanopsinicas. Award: Young Investigators Award.

Researcher aware: Blanca Benito Pascual. Winning work: Trayectoria profesional (22 artículos publicados - 12 en revistas internacionales y más de 40 publicaciones en congresos nacionales e internacionales).. Award: Premio "Fin de Residencia" por el Ilustre Colegio Oficial de Médicos de Madrid.



DOCTORATE THESES

Doctoral candidate: Almudena Asorey García. Thesis title: Heidelberg Edge Perimeter: reproducibilidad del programa 24.2 asta-standard, utilidad diagnóstica y correlación con otras pruebas estructurales y funcionales en controles y pacientes con glaucoma primario de ángulo abierto Director(s): Julián García Feijóo, Carmen Méndez Hernández. University: Universidad Complutense de Madrid.

Doctoral candidate: Borja Maroto Rodríguez. Thesis title: Tratamiento de la epífora funcional con toxina botulínica tipo A (Incobotulinumtoxin A) Director(s): Julián García Feijóo,. University.

Doctoral candidate: Gloria Olavarri González. Thesis title: Perimetrías Humphrey y Octopus en el glaucoma. Efecto aprendizaje y concordancia entre evaluadores Director(s): Antonio Ferreras Ámez, Blanca Monsalve Córdova. University.

Doctoral candidate: Belén Gutiérrez Partida. Thesis title: Estudio de cataratas en edad pediátrica en el Hospital Infantil Niño Jesús de Madrid. Protocolo diagnóstico y terapéutico Director(s): José Manuel Benítez del Castillo, Diego Puertas Bordallo. University.

Doctoral candidate: Manuela España Contreras. Thesis title: Análisis de la capacidad discriminativa de distintas variables obtenidas mediante pentacam y SD-OCT cirrus para el glaucoma. Estudio de casos y controles Director(s): Luis Jáñez Escalada, Federico Sáenz-Francés San Baldomero. University.

Doctoral candidate: Laura Palmero Fernández. Thesis title: Evaluación clínica y refractiva, tasa de complicaciones y análisis de la supervivencia del injerto a largo plazo en pacientes intervenidos mediante diferentes técnicas de queratoplastia Director(s): David Díaz Valle, José Manuel Benítez del Castillo. University.

Doctoral candidate: María Teresa García Antón. Thesis title: Estudio histológico de la malla trabecular en pacientes con mutación en el gen "CYP1B1" Director(s): Ana Isabel Ramírez Sebastian, Juan José Salazar Corral. University.

Doctoral candidate: Ana María Muñoz Hernández. Thesis title: La enfermedad de ojo seco en pacientes con y sin fibromialgia. Estudio comparativo. Director(s): José Manuel Benítez del Castillo, Enrique Santos Bueso. University.

Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

3

Nº OF PAPERS JCR INDEXED

3

CITABLE ITEMS

100%⁽³⁾

Q1 (CITABLE ITEMS)

67%⁽²⁾

D1 (CITABLE ITEMS)

33%⁽¹⁾

CUMULATIVE IF

13,74

AVERAGE IF

4,58



LEADING RESEARCHER

Torres Molina, Magdalena

MEMBERS

Ángeles García Pascual
 Asunción Colino Matlla
 Domingo Triguero Robles
 José Sánchez-Prieto Borja
 María Jesús Oset Gasque
 M^a Ángeles Vicente Torres
 Nuria García Font
 Ricardo Martín Herranz
 Alberto Samuel Suarez Pinilla
 Beatriz Chamorro Gorines
 Alberto Sánchez-Aguilera



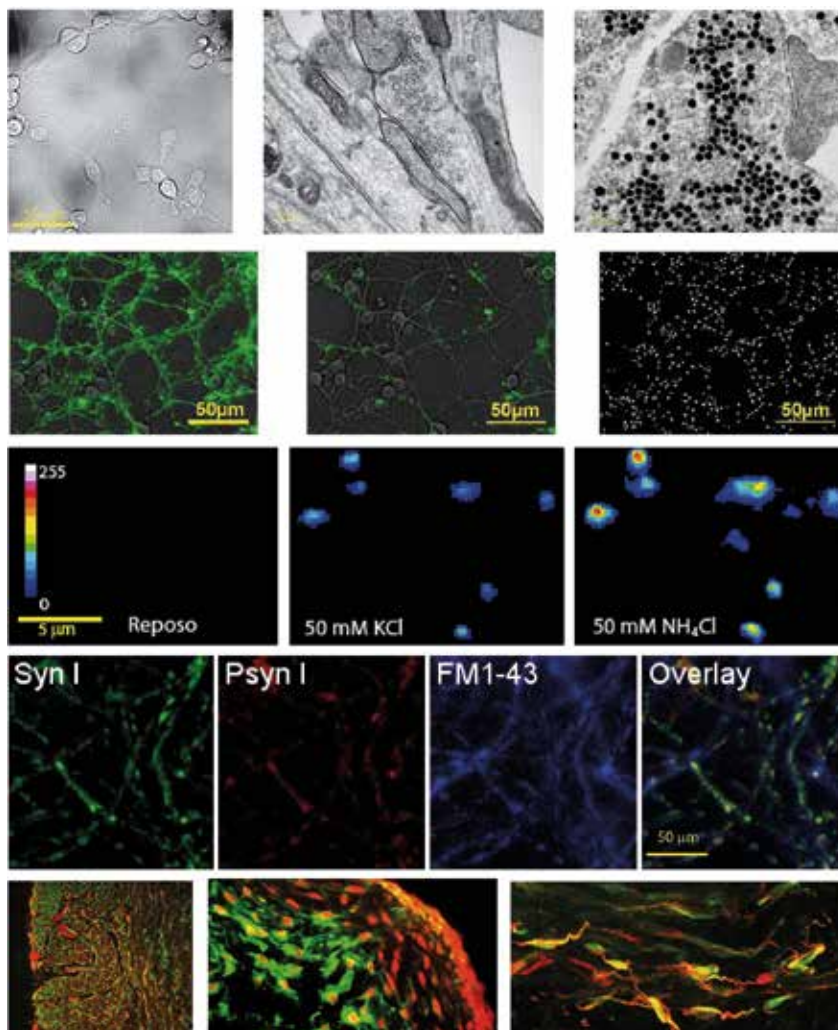
OVERVIEW

The Neurotransmission and Neuromodulation group at CNS is a basic research group composed by professors from the Departments of Physiology and Biochemistry of the Faculty of Veterinary Medicine, from the Department of Physiology of the Faculty of Medicine of the UCM, and several granted or contracted pre- or post-doctoral students.

The overall objective is to study the basic mechanisms of excitability, neurotransmission and neuromodulation, as well as the molecular mechanisms involved in the synaptic maturation, using different cell models (primary cultures of cerebellar granule neurons, cortical neurons) and animals. Different experimental approaches (electrophysiological, biochemical, molecular biology and imaging techniques) are possible thanks to the multidisciplinary training of the group members, and to different national and international collaborations.

SELECTED PUBLICATIONS

- ▶ Abbruzzese, Giuseppe, Moron-Oset, Javier, DÍAZ-CASTROVERDE VICARIO, SABELA, Garcia-Font, Nuria, RONCERO ROMERO, CESÁREO, López-Munoz, Francisco, Marco Contelles, José Luis, OSET GASQUE, MARÍA JESÚS. Neuroprotection by Phytoestrogens in the Model of Deprivation and Resupply of Oxygen and Glucose In Vitro: The Contribution of Autophagy and Related Signaling Mechanisms. *ANTIOXIDANTS*. 2020; 9(6): na-na. DOI: 10.3390/antiox9060545. IF: 5,014. (Q1).
- ▶ Sanchez-Aguilera, Alberto, Monedero, Gonzalo, Colinoa, Asuncion, VICENTE TORRES, M^o ÁNGELES. Development of Action Potential Waveform in Hippocampal CA1 Pyramidal Neurons. *Neuroscience*. 2020; 442. 151-167. DOI: 10.1016/j.neuroscience.2020.06.042. IF: 3,056. (Q2).
- ▶ MARTÍN HERRANZ, RICARDO, Garcia-Font, Nuria, Suarez-Pinilla, Alberto Samuel, Bartolome-Martin, David, Ferrero, José Javier, Lujan, Rafael, TORRES MOLINA, MAGDALENA, SÁNCHEZ-PRIETO BORJA, JOSÉ. beta-Adrenergic Receptors/Epac Signaling Increases the Size of the Readily Releasable Pool of Synaptic Vesicles Required for Parallel Fiber LTP. *JOURNAL OF NEUROSCIENCE*. 2020; 40(45): 8604-8617. DOI: 10.1523/JNEUROSCI.0716-20.2020. IF: 5,673. (Q1).



Phase contrast and electron microscopy images (top images) and fluorescence images of neuronal cultures.

Immunohistofluorescence images (lower images).

Pharmaceutical Innovation in Ophthalmology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

2

N° OF PAPERS JCR INDEXED

2

CITABLE ITEMS

100%⁽²⁾

Q1 (CITABLE ITEMS)

50%⁽¹⁾

CUMULATIVE IF

8,6

AVERAGE IF

4,30



LEADING RESEARCHER

Herrero Vanrell, Rocío

MEMBERS

Alba Aragón Navas
 Beatriz De Las Heras Polo
 David García Herranz
 Irene Bravo Osuna
 Irene Cuadrado Berrocal
 Irene Teresa Molina Martínez
 José Javier López Cano
 Marco Brugnera
 Marta Vicario De La Torre
 Miriam Ana González-Cela Casamayor



OVERVIEW

Since 1994, the research group "Pharmaceutical Innovation in Ophthalmology" has developed 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), microspheres for intraocular administration (U.S. Patent#5,718,922), new 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 neurotrophic factors 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). Recently the research group has participated in the FP7 program in the project Peptide-based Nanoparticles as Ocular Drug Delivery Vehicles (PANOPTES, ref. 246180, program FP7-NMP).

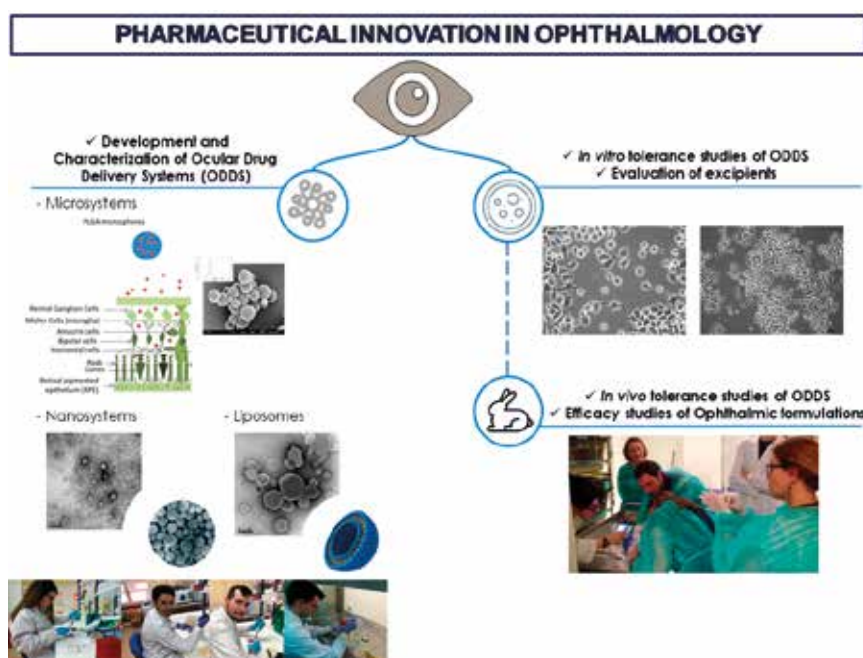
The team belongs to the Ophthalmic Network (Oftared) with active translational collaborations with other groups in the design of novel ophthalmic formulations and experience in the Transference of Technology (licensed patent of a novel artificial tear based on liposomes and bioadhesive polymers for the treatment of dry eye).

SELECTED PUBLICATIONS

- ▶ ESTEBAN PÉREZ, SERGIO, BRAVO OSUNA, IRENE, ANDRÉS GUERRERO, VANESSA, MOLINA MARTÍNEZ, IRENE TERESA, HERRERO VANRELL, ROCÍO. Trojan Microparticles Potential for Ophthalmic Drug Delivery. CURRENT MEDICINAL CHEMISTRY. 2020; 27(4): 570-582. DOI: 10.2174/092986732666619090515 0331. IF: 4,184. (Q1).
- ▶ ESTEBAN PÉREZ, SERGIO, ANDRÉS GUERRERO, VANESSA, LÓPEZ CANO, JOSÉ JAVIER, MOLINA MARTÍNEZ, IRENE TERESA, HERRERO VANRELL, ROCÍO, BRAVO OSUNA, IRENE. Gelatin Nanoparticles-HPMC Hybrid System for Effective Ocular Topical Administration of Antihypertensive Agents. Pharmaceutics. 2020; 12(4): na-na. DOI: 10.3390/pharmaceutics12040306. IF: 4,421. (Q1).

DOCTORATE THESES

Doctoral candidate: Sergio Esteban Pérez. Thesis title: Hidrogeles y nanogeles como plataformas para administración de sustancias activas en oftamología" / "Hydrogels and nanogels as platforms for ophthalmic drug delivery" Director(s): Irene Bravo Osuna, Rocío Herrero Vanrell. University: Universidad Complutense de Madrid.



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

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

11

Nº OF PAPERS JCR INDEXED

11

CITABLE ITEMS

73%(8)

Q1 (CITABLE ITEMS)

50%(4)

D1 (CITABLE ITEMS)

25%(2)

CUMULATIVE IF

39,53

AVERAGE IF

3,59

LEADING RESEARCHER

Martínez Orgado, José

MEMBERS

Aarón Del Pozo Sanz
 Araceli Corredera Sánchez
 Carmen Soto Beauregard
 Gloria Herranz Carrillo
 José Martínez Orgado
 Laura Silva Colmenar
 Lourdes Alvarez Callejo
 Luis Arruza Gómez
 María Isabel Armada Maresca
 María Martínez Vega
 María Villa Cruz
 Niki Oikonomopoulou
 Raquel Vecino López
 Teresa De Santos Moreno

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. In this regard, the group is particularly focused on non-euphoric cannabinoid-based treatments. 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

- ▶ Molinero-Fernández, Agueda, ARRUZA GÓMEZ, LUIS, Angel López, Miguel, Escarpa, Alberto. On-the-fly rapid immunoassay for neonatal sepsis diagnosis: C-reactive protein accurate determination using magnetic graphene-based micromotors. *BIOSENSORS & BIOELECTRONICS*. 2020; 158. na-na. DOI: 10.1016/j.bios.2020.112156. IF: 10,257. (Q1).
- ▶ Molinero-Fernández, Agueda, Moreno-Guzman, María, ARRUZA GÓMEZ, LUIS, Angel López, Miguel, Escarpa, Alberto. Polymer-Based Micromotor Fluorescence Immunoassay for On-the-Move Sensitive Procalcitonin Determination in Very Low Birth Weight Infants' Plasma. *ACS Sensors*. 2020; 5(5): 1336-1344. DOI: 10.1021/acssensors.9b02515. IF: 7,333. (Q1).
- ▶ Gila-Díaz, Andrea, HERRANZ CARRILLO, GLORIA, López de Pablo, Angel Luis, Arribas, Silvia M., Ramiro-Cortijo, David. Association between Maternal Postpartum Depression, Stress, Optimism, and Breastfeeding Pattern in the First Six Months. *International Journal of Environmental Research and Public Health*. 2020; 17(19): na-na. DOI: 10.3390/ijerph17197153. IF: 2,849. (Q1).

 NEW COMPETITIVE FUNDING

INT20/00047. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: José Martínez Orgado. PI: MARTINEZ ORGADO, JOSÉ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ-2020-AI/BMD-18549. 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: MARTINEZ ORGADO, JOSÉ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CM20/00134. RRHH RIO HORTEGA: Niki Oikonomopoulou. PI: MARTINEZ ORGADO, JOSÉ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

ON

NC

ONCOLOGY

GROUPS

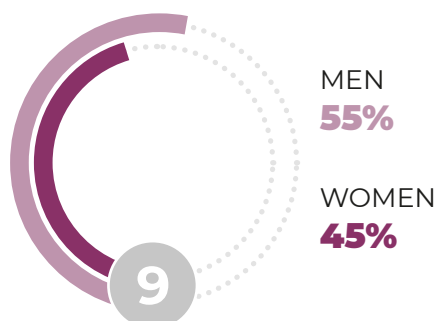
- ONC.1** Clinical and Translational Research in Oncology
- ONC.2** Cancer and Obesity
- ONC.4** Cell Signaling Mechanisms during Development and Tumor Progression
- ONC.5** Cannabinoid Signaling in Tumor Cells
- ONC.6** Women's Health Research Group



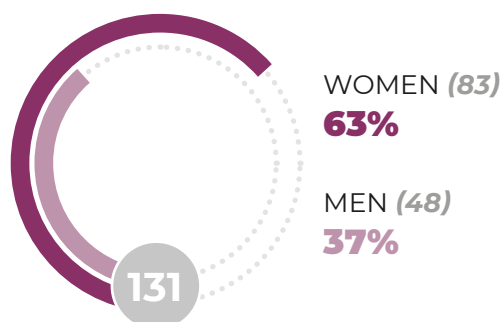
ANNUAL GOALS

	COMPLETED	NOT COMPLETED
<i>Incorporate the anatomical pathology group into the area.</i>	✓	✗
<i>Participate in meetings between groups</i>	✓	✗
<i>Promoting cooperation between groups in the area.</i>	✓	✗
<i>Defining new lines of research</i>	✓	✗
<i>Training plan</i>	✓	✗

GROUP LEAD RESEARCHERS



TOTAL PROFESSIONALS IN THE AREA



SCIENTIFIC PRODUCTION



OPEN ACCESS

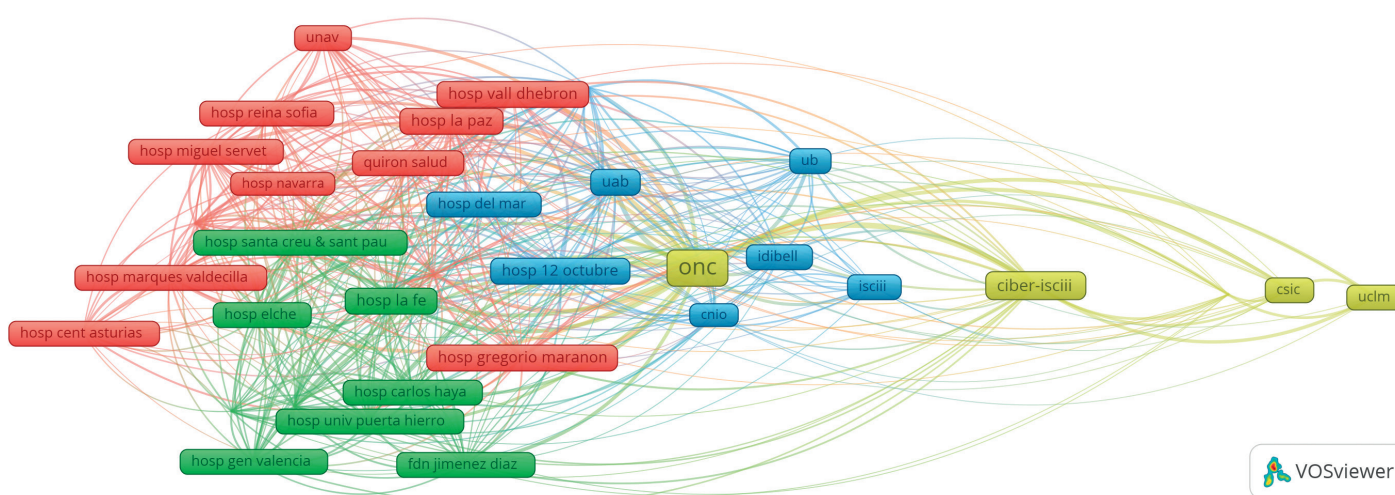


JOURNALS WITH THE HIGHEST PUBLICATION RATE IN THE AREA

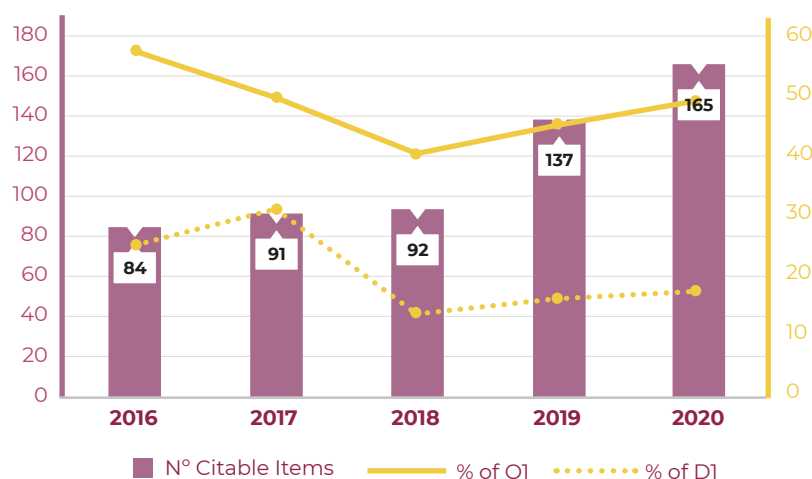
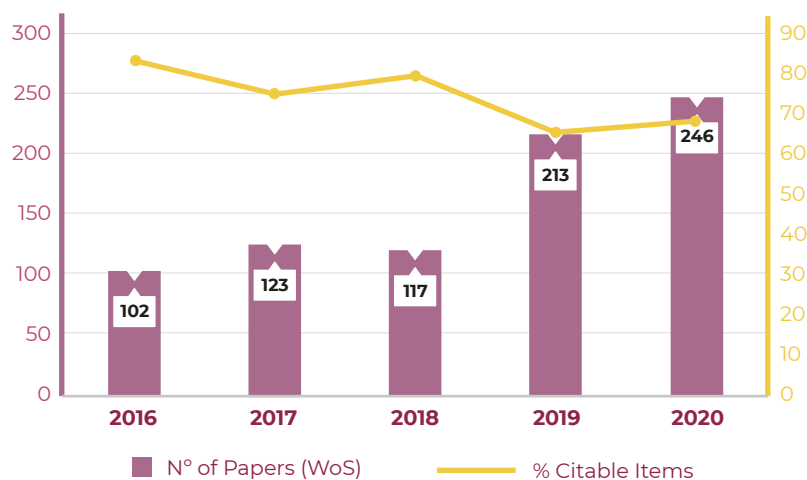
During 2020, the ONC area's researchers have published in a total of 122 different journals. The top 5 journals where they publish the most are shown below. It represents the 29,26% of the scientific production of this area. 60% of these journals are in the first quartile of the JCR and two of them are in the top ten positions.

Journal	Nº of Papers (WoS)	Times Cited	Nº Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
JOURNAL OF CLINICAL ONCOLOGY	25	92	3	83	Q1 (2/242)	Oncology	12.032	5.25	43.787
ANNALS OF ONCOLOGY	22	4	0	0	Q1 (7/242)	Oncology	7.710	3.54	32.472
CANCERS	10	21	10	21	Q1 (51/242)	Oncology	1.319	1.05	5.840
CLINICAL & TRANSLATIONAL ONCOLOGY	10	27	9	26	Q3 (159/242)	Oncology	0.615	0.64	3.303
ACTAS UROLOGICAS ESPANOLAS	5	2	3	0	Q4 (80/90)	Urology and Nephrology	0.214	0.27	0.929
Total	72	146	25	130					

SCIENTIFIC COLLABORATION BY CENTER (> 10 PAPERS)



SCIENTIFIC PRODUCTION (2016-2020)



Σ **928,859** Total impact factor

$\bar{X}$ **5,769** Average impact factor

SELECTED 5 PUBLICATIONS



Makker, Vicky , Taylor, Matthew H. , Aghajanian, Carol , Oaknin, Ana , Mier, James , Cohn, Allen L. , Romeo, Margarita , Bratos, Raquel , Brose, Marcia S. , DiSimone, Christopher , Messing, Mark , Stepan, Daniel E. , Dutcus, Corina E. , Wu, Jane , Schmidt, Emmett V. , Orlowski, Robert , Sachdev, Pallavi , Shumaker, Robert , CASADO HERRÁEZ, ANTONIO. Lenvatinib Plus Pembrolizumab in Patients With Advanced Endometrial Cancer. JOURNAL OF CLINICAL ONCOLOGY. 2020; 38(26): na-na. DOI: 10.1200/JCO.19.02627. IF: 32,956. (Q1).



Soreide, K. , Hallet, J. , Matthews, J. B. , Schnitzbauer, A. A. , Line, P. D. , Lai, P. B. S. , OTERO DE PABLOS, JAIME, Callegaro, D. , Warner, S. G. , Baxter, N. N. , Teh, C. S. C. , Ng-Kamstra, J. , Meara, J. G. , Hagander, L. , Lorenzon, L. . Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services. BRITISH JOURNAL OF SURGERY. 2020; 107(10): 1250-1261. DOI: 10.1002/bjs.11670. IF: 5,676. (Q1).



Fernandez-Nogueira, Patricia , Mancino, Mario , Fuster, Gemma , Lopez-Plana, Anna , Jauregui, Patricia , Almendro, Vanesa , Enreig, Estel , Menendez, Silvia , Rojo, Federico , Noguera-Castells, Aleix , Bill, Anke , Gaither, L. Alex , Serrano, Laia , Recalde-Percas, Leire , Moragas, Nuria , Alonso, Raul , Ametller, Elisabet , Rovira, Ana , Lluch, Ana , Albanell, Joan , Gascon, Pere , BRAGADO DOMINGO, PALOMA. Tumor-Associated Fibroblasts Promote HER2-Targeted Therapy Resistance through FGFR2 Activation. CLINICAL CANCER RESEARCH. 2020; 26(6): 1432-1448. DOI: 10.1158/1078-0432.CCR-19-0353. IF: 10,107. (Q1).



LÓPEZ VALERO, ISRAEL, DÁVILA LEÓN, DAVID, GONZALEZ MARTINEZ, JOSÉ, SALVADOR TORMO, NELIDA, LORENTE PÉREZ, M^a DEL MAR, SÁIZ LADERA, CRISTINA, Torres, Sofia , GABICAGOGESCOA CORTA, ESTIBALIZ, HERNANDEZ TIEDRA, SONIA, Garcia-Taboada, Elena , Mendiburu-Elicabe, Marina , Rodriguez-Fornes, Fatima , Sanchez-Dominguez, Rebeca , Carlos Segovia, Jose , Sanchez-Gomez, Pilar , Matheu, Ander , Sepulveda, Juan M. , VELASCO DÍEZ, GUILLERMO. Midkine signaling maintains the self-renewal and tumorigenic capacity of glioma initiating cells. THERANOSTICS. 2020; 10(11): 5120-5136. DOI: 10.7150/thno.41450. IF: 8,579. (Q1).



Blanco-Gomez, Adrian , Hontecillas-Prieto, Lourdes , Corchado-Cobos, Roberto , Garcia-Sancha, Natalia , SALVADOR TORMO, NELIDA, Castellanos-Martin, Andres , del Mar Saez-Freire, Maria , Mendiburu-Elicabe, Marina , Alonso-Lopez, Diego , De Las Rivas, Javier , LORENTE PÉREZ, M^a DEL MAR, GARCÍA CASAS, ANA, Del Carmen, Sofia , del Mar Abad-Hernandez, Maria , Jesus Cruz-Hernandez, Juan , Augusto Rodriguez-Sanchez, Cesar , Claros-Ampuero, Juncal , Garcia-Cenador, Begona , Garcia-Criado, Javier , Orimo, Akira , Gridley, Thomas , Perez-Losada, Jesus , CASTILLO LLUVIA, SONIA. Stromal SNAI2 Is Required for ERBB2 Breast Cancer Progression. CANCER RESEARCH. 2020; 80(23): 5216-5230. DOI: 10.1158/0008-5472.CAN-20-0278. IF: 9,727. (Q1).

ACTIVITY

**65***Active Clinical Trials***26***Active Epidemiological Study / Other***21***Active Observational Study***8***New Competitive funding*

Awards

**2**Doctorate
Theses**3**Clinical
practice
guidelines**9**Mobility of
Researchers**2**Visiting
Researcher**1**

Clinical and Translational Research in Oncology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

154

N° OF PAPERS JCR INDEXED

152

CITABLE ITEMS

63%(97)

Q1 (CITABLE ITEMS)

58%(56)

D1 (CITABLE ITEMS)

23%(22)

CUMULATIVE IF

615,17

AVERAGE IF

6,47

LEADING RESEARCHER

Pérez Segura, Pedro

MEMBERS

Álvaro Serrano Pascual
 Antonio Casado Herráez
 Aránzazu Manzano Fernández
 Aurora De La Peña Abad
 Beatriz García Paredes
 Beatriz Pérez-Villamil Salgado
 Belén Cobaleda Esteban
 Carlos Aguado De La Rosa
 Carmen Aida Ramirez Ruda
 Cristina Sáiz Ladera
 Daniel Parra Corral
 Enrique Redondo Gonzalez
 Esther Cabañas Morafraille
 Fernando Moreno Antón
 Gloria Marquina Ospina
 Helena Olivera Pérez-Frade
 Igor Gregorio Lopez Cade
 Inés De Cardenas De Nó
 Inmaculada Bando Polaino
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 Javier Sastre Valera
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 Marco Ciappara Paniagua
 María Baliu Pique
 María Del Rosario Alfonso San Segundo
 María Ruiz Benita
 Marta Delgado Delgado
 Marta Vidaurreta Lázaro
 Mateo Paz Cabezas
 Miguel De La Hoya Mantecón
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 Paula Diaque García
 Pilar Garre Rubio
 Raquel Rodriguez Damiano
 Santiago Cabezas Camarero
 Sara Rafael Fernández
 Susana Campuzano Ruiz
 Tania Calvo Lopez
 Trinidad Caldes Llopis
 Vanesa Garcia Barberan



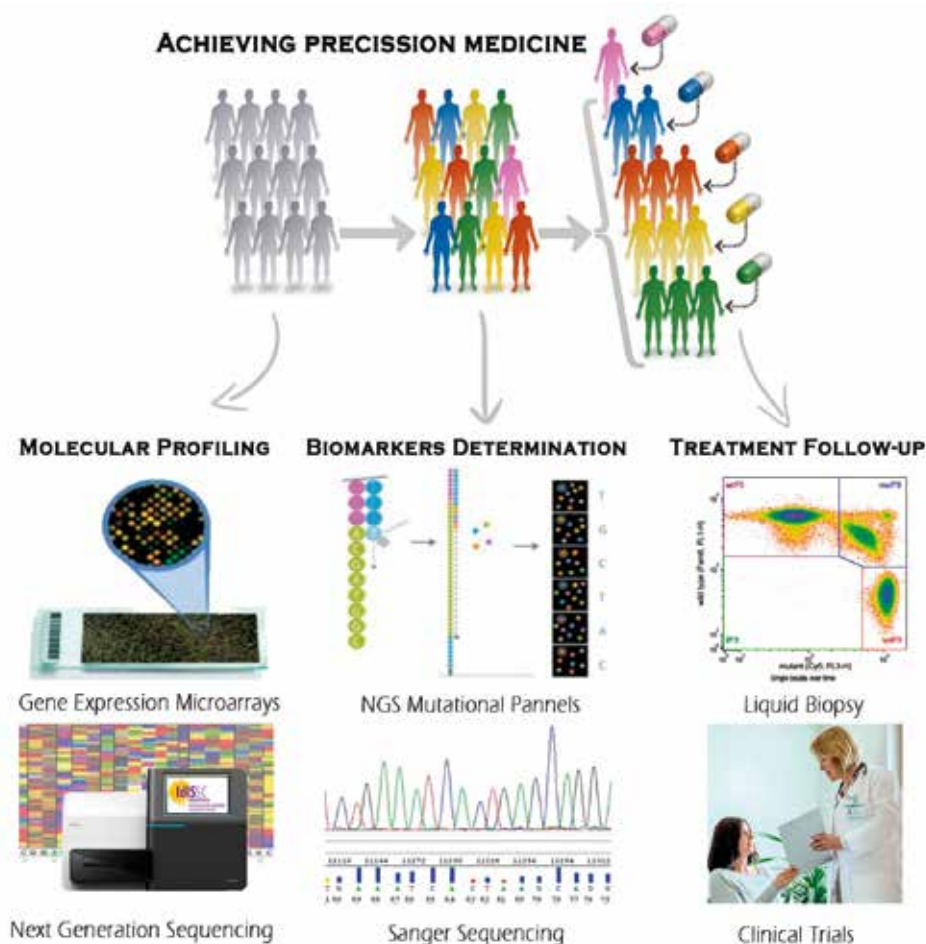
OVERVIEW

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

- ▶ Stewart, David J., Bosse, Dominick, Robinson, Andrew, Ong, Michael, Fung-Kee-Fung, Michael, Brule, Stephanie, Hilton, John F., OCAÑA FERNANDEZ, ALBERTO. Potential insights from population kinetic assessment of progression-free survival curves. CRITICAL REVIEWS IN ONCOLOGY HEMATOLOGY. 2020; 153. DOI: 10.1016/j.critrevonc.2020.103039. IF: 5,833. (Q1).
- ▶ Makker, Vicky, Taylor, Matthew H., Aghajanian, Carol, Oaknin, Ana, Mier, James, Cohn, Allen L., Romeo, Margarita, Bratos, Raquel, Brose, Marcia S., DiSimone, Christopher, Messing, Mark, Stepan, Daniel E., Dutkus, Corina E., Wu, Jane, Schmidt, Emmett V., Orlowski, Robert, Sachdev, Pallavi, Shumaker, Robert, CASADO HERRÁEZ, ANTONIO. Lenvatinib Plus Pembrolizumab in Patients With Advanced Endometrial Cancer. JOURNAL OF CLINICAL ONCOLOGY. 2020; 38(26). DOI: 10.1200/JCO.19.02627. IF: 32,956. (Q1).
- ▶ BALIU PIQUE, MARÍA, Pandiella, Atanasio, OCAÑA FERNANDEZ, ALBERTO. Breast Cancer Heterogeneity and Response to Novel Therapeutics. Cancers. 2020; 12(11). DOI: 10.3390/cancers12113271. IF: 6,126. (Q1).

NEW COMPETITIVE FUNDING

CD20/00037. RRHH SARA BORREL: FRANCISCO JOSÉ CIMAS FELIPE. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ-2020-AI/BMD-18860. 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.

FI20/00186. CONTRATOS PFIS: ADRIÁN SANVICENTE GARCIA. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

INT20/00075. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Alberto Ocaña. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ-2020-AI/BMD-18691. 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.

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.

NEW NON COMPETITIVE FUNDING

ACH.C02PHA. Financiación del proyecto "Immunochemistry analysis of ovarian platinum resistant cancer patients after trabectedin treatment in recurrent ovarian cancer patients (ROC).. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: PHARMA MAR, S.A.U..

ACH.F01GEIS. Donación para la introducción de datos en el registro de pacientes global por parte de los CSUR.. PI: CASADO HERRÁEZ, ANTONIO. Funding Organisation: GRUPO ESPAÑOL DE INVESTIGACIÓN EN SARCOMAS (GEIS).

JPV.C01ROC. Convenio de Colaboración para la financiación del plan de publicaciones de la Unidad de Tumores Urológicos del Servicio de Oncología Médica. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ROCHE FARMA S.A.U..

JPV.C02AST. El objeto del Convenio consiste en que ASTELLAS contribuya 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 d. PI: PUENTE VÁZQUEZ, JAVIER. Funding Organisation: ASTELLAS PHARMA, S.A..

PPS.C01MSD. Colaboración económica para la realización del proyecto sobre las mejoras de los procesos asociados al "Proceso Covid-Free para pacientes oncológicos". PI: PÉREZ SEGURA, PEDRO. Funding Organisation: MERCK SHARP & DOHME CORP., FILIAL DE MERCK & CO., INC..

PPS.C02CRIS. Convenio de colaboración para la realización del proyecto IMMUNOLOGIC PROGRAM GRANT AT THE EXPERIMENTAL THERAPEUTICS UNIT AT HOSPITAL CLINICO SAN CARLOS. PI: OCAÑA FERNANDEZ, ALBERTO. Funding Organisation: FUNDACION CRIS DE INVESTIGACION PARA VENCER EL CANCER.

AWARDS

Researcher aware: Jesús Moreno Rodríguez. Award: A la excelencia robótica.

CLINICAL PRACTICE GUIDELINES

Antonio Casado Herráenz. Practical clinical guidelines of the EOTTD for treatment and referral of gestational trophoblastic disease. Science Society: EOTTD (2020). DOI: 10.1016/j.ejca.2020.02.011.

Pedro Perez Segura. Update of the recommendations for the determination of biomarkers in colorectal carcinoma. National Consensus of the Spanish Society of Medical Oncology and the Spanish Society of Pathology. Science Society: Spanish Society of Medical Oncology and the Spanish Society of Pathology (2020). DOI: 10.1016/j.patol.2020.07.004.

Martin, Miguel , Guerrero-Zotano, Angel , Montero, Angel , Jara, Carlos , Filipovich, Elena , Rojo, Federico , MORENO ANTÓN, FERNANDO, GARCÍA SÁENZ, JOSÉ ÁNGEL, Enrique Ales, Jose , Ignacio Chacon, Jose , Cruz, Josefina , Gimenez, Julia , Cruz-Merino, Lui. GEICAMGuidelines for the Management of Patients with Breast Cancer During theCOVID-19 Pandemic in Spain. Oncologist. 2020; 25(9): 1339-1345.

Palacios, J , DE LA HOYA MANTECÓN, MIGUEL, Bellosillo, B , de Juan, I , Matías-Guiu, X , Lázaro, C , Palanca, S , Osorio, A , Rojo, F , Rosa-Rosa, J M , Cigudosa, J C . Mutational Screening of BRCA1/2 Genes as a Predictive Factor for Therapeutic Response in Epithelial Ovarian Cancer: A Consensus Guide from the Spanish Society of Pathology (SEAP-IAP) and the Spanish Society of Human Genetics (AEGH).. VIRCHOWS ARCHIV. 2020; 476(2): 195-207.

Martin-Richard, M. , Carmona-Bayonas, A. , Custodio, Ana. B. , Gallego, J. , Jimenez-Fonseca, P. , Reina, J. J. , Richart, P. , Rivera, F. , Alsina, M. , SASTRE VALERA, JAVIER. SEOM clinical guideline for the diagnosis and treatment of gastric cancer (GC) and gastroesophageal junction adenocarcinoma (GEJA) (2019). CLINICAL & TRANSLATIONAL ONCOLOGY. 2020; 22(2): 236-244.

Munoz Martin, A. J. , Gallardo Diaz, E. , Garcia Escobar, I , Macias Montero, R. , Martinez-Marin, V , Pachon Olmos, V , PÉREZ SEGURA, PEDRO, Quintanar Verduguez, T. , Salgado Fernandez, M. . SEOM clinical guideline of venous thromboembolism (VTE) and cancer (2019). CLINICAL & TRANSLATIONAL ONCOLOGY. 2020; 22(2): 171-186.

de Pablos-Velasco, Pedro , Maria Venegas, Eva , Alvarez Escola, Cristina , Fajardo, Carmen , DE MIGUEL NOVOA, MARÍA PAZ, Gonzalez, Natividad , Bernabeu, Ignacio , Valdes, Nuria , Paja, Miguel , Jose Diez, Juan , Biagetti, Betina . Diagnosis, treatment and follow-up of patients with acromegaly in a clinical practice setting in Spain: the ACROPRAxis program Delphi survey. Pituitary. 2020; 23(2): 129-139.

» MOBILITY OF RESEARCHER

Research Mobility: Jorge Bartolomé Arcilla. Country: Spain. Center: Val D'Hebron Institute of Oncology.

» VISITING RESEARCHER

Visiting researcher: Antonela Abate. Country of origin: Italia Centre of origin: Universidad de Bologna. Italia. BIOLOGIA DELLA SALUTE. Nutrizione e Patologie Metaboliche Project: Tesis de Laurea. Máxima Calificación 10 sobre 10. Hepatoprotective effect of carob fruit extract rich in proanthocyanidins included in meat in a late-stage t2dm rat model. Directores: Roberto Mandrioli, Francisco José Sánchez Muniz y Adrián Macho González.

Cancer and Obesity

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

41

N° OF PAPERS JCR INDEXED

39

CITABLE ITEMS

73%(30)

Q1 (CITABLE ITEMS)

40%(12)

D1 (CITABLE ITEMS)

7%(2)

CUMULATIVE IF

103,51

AVERAGE IF

3,69



LEADING RESEARCHER

Torres García, Antonio José

MEMBERS

Alejandra García Botella
 Ana María Gómez Martínez
 Andrés Sánchez Pernaute
 Carmen De Juan Chocano
 Esther Martín García-Almenta
 Florentino Hernando Tranco
 Jaime Otero De Pablos
 José María Mugüerza Husvet
 José Ramón Jarabo Sarceda
 Luis Ignacio Díez Valladares
 Esteban Martín Antona
 M^a Inmaculada Domínguez Serrano
 M^a Pilar Iniesta Serrano
 María Elia Pérez Aguirre
 Daniel Rivera Alonso
 Bibiana Lasses Martínez
 Adriana Ruano Campos
 Patricia Saez Carlin
 Sofía De La Serna Esteban
 Vanesa Catalan Garza
 Sofía Elena Tesolato
 Cristina Sánchez Del Pueblo
 Jana Dziakova
 Rocio Anula Fernández
 Gonzalo Sanz Ortega
 Mauricio García Alonso
 Carmen Hernandez Pérez

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 year's 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 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

- ▶ Vilallonga, Ramon, Curbelo, Yuhamy, Sanchez-Cordero, Sergi, Roriz-Silva, Renato, Bademci, Refik, TORRES GARCÍA, ANTONIO JOSÉ. Laparoscopic Conversion from Single Anastomosis Duodeno-Jejunal Bypass with Sleeve Gastrectomy (SADJ-S) to Roux-en-Y Gastric Bypass (GBP): Improving Unsatisfactory Outcomes. OBESITY SURGERY. 2020; 30(1): 365-368. DOI: 10.1007/s11695-019-03994-2. IF: 3,412. (Q1).
- ▶ Soreide, K., Hallet, J., Matthews, J. B., Schnitzbauer, A. A., Line, P. D., Lai, P. B. S., OTERO DE PABLOS, JAIME, Callegaro, D., Warner, S. G., Baxter, N. N., Teh, C. S. C., Ng-Kamstra, J., Meara, J. G., Hagander, L., Lorenzon, L.. Immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services. BRITISH JOURNAL OF SURGERY. 2020; 107(10): 1250-1261. DOI: 10.1002/bjs.11670. IF: 5,676. (Q1).
- ▶ Rubino, Francesco, Puhl, Rebecca M., Cummings, David E., Eckel, Robert H., Ryan, Donna H., Mechanick, Jeffrey, Nadglowski, Joe, Salas, Ximena Ramos, Schauer, Phillip R., Twenefour, Douglas, Apovian, Caroline M., Aronne, Louis J., Batterham, Rachel L., Berthoud, Hans-Rudolph, Boza, Camilo, Busetto, Luca, Dicker, Dror, De Groot, Mary, Eisenberg, Daniel, Flint, Stuart W., Huang, Terry T., Kaplan, Lee M., Kirwan, John P., Korner, Judith, Kyle, Ted K., Laferrere, Blandine, le Roux, Carel W., Mclver, LaShawn, Mingrone, Geltrude, Nece, Patricia, Reid, Tirissa J., Rogers, Ann M., Rosenbaum, Michael, Seeley, Randy J., TORRES GARCÍA, ANTONIO JOSÉ, Dixon, John B.. Joint international consensus statement for ending stigma of obesity. NATURE MEDICINE. 2020; 26(4): 485-497. DOI: 10.1038/s41591-020-0803-x. IF: 36,13. (Q1).

NEW COMPETITIVE FUNDING

AGM.EPID.20. Telomerasa y Telómeros en la Fibrosis Pulmonar Idiopática (FPI) y otras Enfermedades Pulmonares Intersticiales Difusas (EPID). PI: GÓMEZ MARTÍNEZ, ANA MARÍA. Funding Organisation: UNIVERSIDAD AUTONOMA DE MADRID.

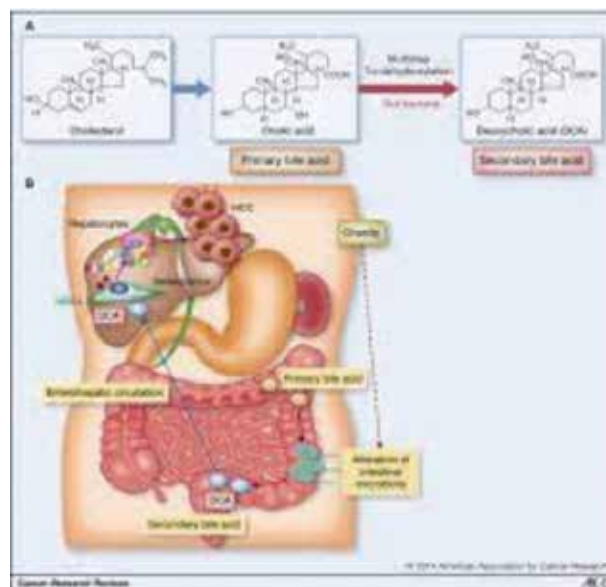
CLINICAL PRACTICE GUIDELINES

Sabench Pereferer, Fátima, Molina López, Alicia, Acín Gándara, Débora, Arroyo Martín, Juan José, Baltar Boileve, Javier, Barranco Moreno, Antonio, Cassinello Fernández, Norberto, Del Castillo Déjardin, Daniel, Fernández Alsina, Enric, Ferrer-Márquez, Manuel, Mans Muntwyler, Esther, MARTÍN GARCÍA-ALMENTA, ESTHER, García Ruiz de Gordejuela, Amador. Analysis of mid-term weight loss after Roux-en-Y gastric bypass and sleeve gastrectomy: Proposed percentile charts for total weight loss percentages to be used in daily clinical practice. CIRUGIA ESPANOLA. 2020; 98(2): 72-78.

Espinet Coll, Eduardo, Turro Arau, Roman, Orive Calzada, Aitor, Dolz Abadia, Carlos, Ruiz de Gordejuela, Amador Garcia, Sanchez-Yague, Andres, Nebreda Duran, Javier, Galvao Neto, Manoel, Lopez-Nava, Contrand, Mata Bilbao, Alfredo, Alcalde Vargas, Alfonso, Abad Belando, Ramon, Jose del Pozo-Garcia, Andres, ESTEBAN LÓPEZ-JAMAR, JOSÉ MIGUEL, Pujol Gebelli, Jordi, TORRES GARCÍA, ANTONIO JOSÉ, Ramirez Felipe, Jose Antonio, Munoz-Navas, Miguel, SEED, SEPD, SECO. Main prophylactic measures in bariatric endoscopy. Spanish Expert Recommendations Guideline. REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS. 2020; 112(6): 491-500.

AWARDS

Researcher aware: Antonio J. Torres. Winning work: Predictores de ganancia ponderal tras cirugía bariátrica. Award: A la mejor Comunicación 61 Coingreso SEEN Virtula 2020.



Cancer, Obesity and Microbiome Telomere

Cell Signaling Mechanisms during Development and Tumor Progression

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

18

N° OF PAPERS JCR INDEXED

17

CITABLE ITEMS

72%(13)

Q1 (CITABLE ITEMS)

85%(11)

D1 (CITABLE ITEMS)

54%(7)

CUMULATIVE IF

109,65

AVERAGE IF

8,43

LEADING RESEARCHER

Porras Gallo, Almudena

MEMBERS

Álvaro Gutierrez Uzquiza
 Ángel Cuesta Martínez
 Aránzazu Sánchez Muñoz
 Beatriz Pacheco González
 Blanca María Herrera González
 Celia Sequera Hurtado
 Cesáreo Roncero Romero
 Cristina Baquero Mayo
 María Rodrigo Faus
 Nerea Lazcanoiturburu Ferreira
 Nerea Palao Treviño
 Paloma Bragado Domingo
 Sara Manzano Figueroa

OVERVIEW

Our group is focused on the study of different signal transduction pathways and their role in the regulation of cellular functions such as proliferation, differentiation, apoptosis, adhesion, cell migration, invasion and tumor dormancy in order to characterize the function of these pathways in the liver pathophysiology, tumor processes and cardiovascular diseases. Among the studied pathways, it is important to highlight MAPKs, especially p38 MAPKs; the nucleotide exchange factor, C3G; tyrosine kinase receptors, in particular, Met and EGF receptors; and some members of the TGF-beta superfamily, specifically, TGF-beta, BMP9, and their receptors. As tools for our studies, different *in vivo* and *in vitro* models are used, which includes p38 alpha and c-met conditional knockout mouse models, transgenic mice overexpressing wild type or a C3G mutant lacking the catalytic domain in platelets and liver; a transgene expressing an EGFR mutant form in the liver; as well as primary cells and cell lines derived from these models, such as hepatocytes, adult liver progenitor cells and tumor cell lines from different origins. The *in vivo* chick chorioallantoic membrane assay is also used to study tumorigenesis. In addition, CRISPR technology is used at high and low scale to identify new genes involved in cancer. The group has extensive experience in the characterization of molecular mechanisms that mediate the actions of these signals, and the cross-talk between different signaling pathways.

Ultimately, the final goal of our research is to contribute to the knowledge of the signaling network that controls the liver pathophysiology, tumor growth and generation of metastasis and cardiovascular diseases. The function of platelets in these contexts is also on the focus, hoping that this knowledge can be applied to the search of new therapeutical tools against various diseases.



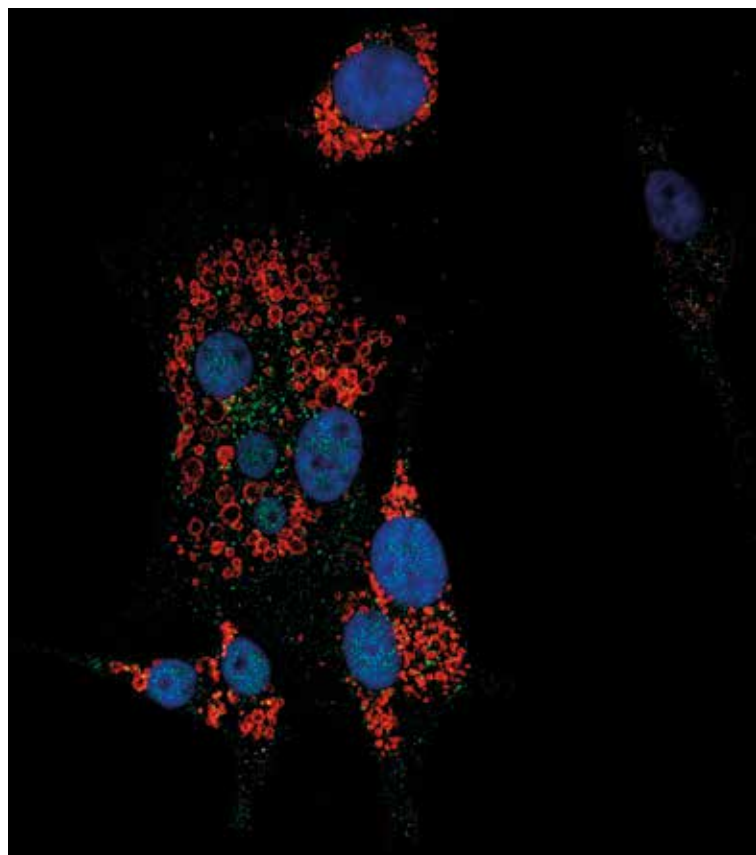
SELECTED PUBLICATIONS

- ▶ Lopez-Plana, Anna, Fernandez-Nogueira, Patricia, Munoz-Guardiola, Pau, Sole-Sanchez, Sonia, Megias-Roda, Elisabet, Perez-Montoyo, Hector, Jauregui, Patricia, Yeste-Velasco, Marc, Gomez-Ferrera, Mariana, Erazo, Tatiana, Ametller, Elisabet, Recalde-Percaz, Leire, Moragas-Garcia, Nuria, Noguera-Castells, Aleix, Mancino, Mario, Moran, Teresa, Nadal, Ernest, Alfon, José, Domenech, Carles, Gascon, Pere, Lizcano, José M., Fuster, Gemma, BRAGADO DOMINGO, PALOMA. The novel proautophagy anticancer drug ABTL0812 potentiates chemotherapy in adenocarcinoma and squamous nonsmall cell lung cancer. INTERNATIONAL JOURNAL OF CANCER. 2020; 147(4): 1163-1179. DOI: 10.1002/ijc.32865. IF: 5,145. (Q1).
- ▶ Fernandez-Nogueira, Patricia, Mancino, Mario, Fuster, Gemma, Lopez-Plana, Anna, Jauregui, Patricia, Almendro, Vanesa, Enreig, Estel, Menendez, Silvia, Rojo, Federico, Noguera-Castells, Aleix, Bill, Anke, Gaither, L. Alex, Serrano, Laia, Recalde-Percaz, Leire, Moragas, Nuria, Alonso, Raul, Ametller, Elisabet, Rovira, Ana, Lluch, Ana, Albanell, Joan, Gascon, Pere, BRAGADO DOMINGO, PALOMA. Tumor-Associated Fibroblasts Promote HER2-Targeted Therapy Resistance through FGFR2 Activation. CLINICAL CANCER RESEARCH. 2020; 26(6): 1432-1448. DOI: 10.1158/1078-0432.CCR-19-0353. IF: 10,107. (Q1).
- ▶ SEQUERA HURTADO, CELIA, BRAGADO DOMINGO, PALOMA, MANZANO FIGUEROA, SARA, ARECHEDERRA CALDERÓN, MARÍA, Richelme, Sylvie, GUTIERREZ UZQUIZA, ALVARO, SÁNCHEZ MUÑOZ, ARÁNZA, Maina, Flavio, Guerrero, Carmen, PORRAS GALLO, ALMUDENA. C3G Is Upregulated in Hepatocarcinoma, Contributing to Tumor Growth and Progression and to HGF/MET Pathway Activation. Cancers. 2020; 12(8): na-na. DOI: 10.3390/cancers12082282. IF: 6,126. (Q1).



DOCTORATE THESES

Doctoral candidate: Celia Sequera Hurtado. Thesis title: Función de C3G en la regulación del crecimiento y progresión tumoral en hepatocarcinoma. Implicación en la ruta de HGF/Met. Director(s): Almudena Porras Gallo.



Cannabinoid Signaling in Tumor Cells

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

8

N° OF PAPERS JCR INDEXED

8

CITABLE ITEMS

88%(7)

Q1 (CITABLE ITEMS)

86%(6)

D1 (CITABLE ITEMS)

43%(3)

CUMULATIVE IF

50,07

AVERAGE IF

7,15



LEADING RESEARCHER

Velasco Díez, Guillermo

MEMBERS

Alba Orea Soufi
 Andrea Santos Caceres
 Angelica Martinez Lopez
 Estibaliz Gabicagogeascoa Corta
 Guillermo Velasco Díez
 Jack Day
 Kunzangla Bhutia
 M^a Del Mar Lorente Pérez
 Ana García Casas
 Sonia Castillo Lluvia
 Elena Tovar Ambel
 Nélida Salvador Tormo



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 control of mTORC1 and mTORC2 complexes and its potential role 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.

SELECTED PUBLICATIONS

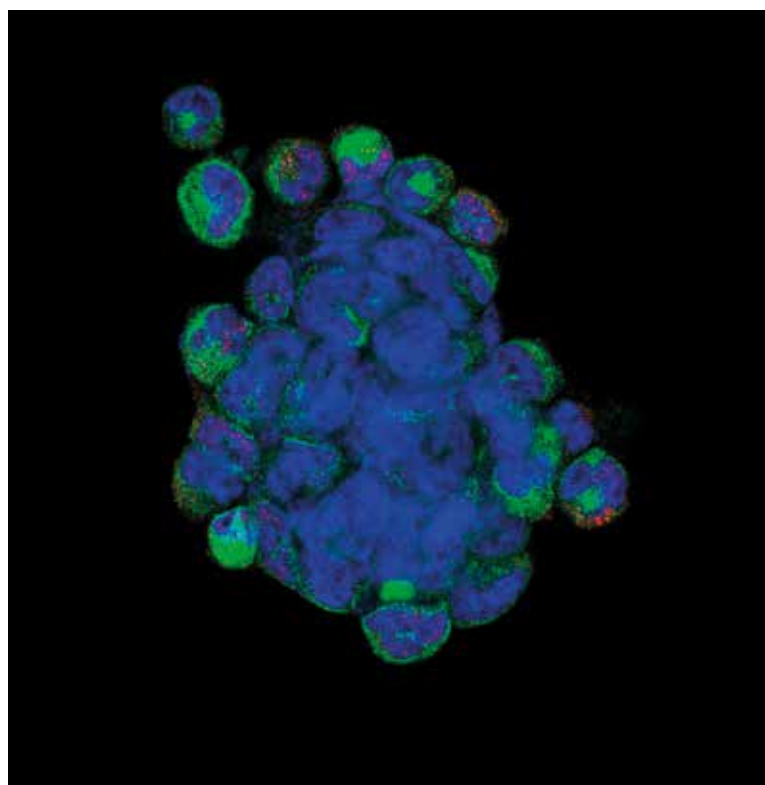
- Humbert, Magali, Moran, María, de la Cruz-Ojeda, Patricia, Muntane, Jordi, Wiedmer, Tabea, Apostolova, Nadezda, McKenna, Sharon L., VELASCO DíEZ, GUILLERMO, Balduini, Walter, Eckhart, Leopold, Janji, Bassam, Sampaio-Marques, Belem, Ludovico, Paula, Zerovnik, Eva, Langer, Rupert, Perren, Aurel, Engedal, Nikolai, Tschan, Mario P.. Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. *BIOLOGY-BASEL*. 2020; 9(3): na-na. DOI: 10.3390/biology9030059. IF: 3,796. (Q1).
- LÓPEZ VALERO, ISRAEL, DÁVILA LEÓN, DAVID, GONZALEZ MARTINEZ, JOSÉ, SALVADOR TORMO, NELIDA, LORENTE PÉREZ, M^a DEL MAR, SÁIZ LADERA, CRISTINA, Torres, Sofia, GABICAGOGEOASCOA CORTA, ESTIBALIZ, HERNANDEZ TIEDRA, SONIA, García-Taboada, Elena, Mendiburu-Elicabe, Marina, Rodríguez-Fornes, Fatima, Sanchez-Dominguez, Rebeca, Carlos Segovia, José, Sanchez-Gomez, Pilar, Matheu, Ander, Sepulveda, Juan M., VELASCO DíEZ, GUILLERMO. Midkine signaling maintains the self-renewal and tumorigenic capacity of glioma initiating cells. *THERANOSTICS*. 2020; 10(11): 5120-5136. DOI: 10.7150/thno.41450. IF: 8,579. (Q1).
- Blanco-Gomez, Adrian, Hontecillas-Prieto, Lourdes, Corchado-Cobos, Roberto, Garcia-Sancha, Natalia, SALVADOR TORMO, NELIDA, Castellanos-Martin, Andres, del Mar Saez-Freire, María, Mendiburu-Elicabe, Marina, Alonso-Lopez, Diego, De Las Rivas, Javier, LORENTE PÉREZ, M^a DEL MAR, GARCÍA CASAS, ANA, Del Carmen, Sofia, del Mar Abad-Hernandez, María, Jesus Cruz-Hernandez, Juan, Augusto Rodriguez-Sanchez, Cesar, Claros-Ampuero, Juncal, Garcia-Cenador, Begona, Garcia-Criado, Javier, Orimo, Akira, Gridley, Thomas, Perez-Losada, Jesus, CASTILLO LLUVIA, SONIA. Stromal SNAI2 Is Required for ERBB2 Breast Cancer Progression. *CANCER RESEARCH*. 2020; 80(23): 5216-5230. DOI: 10.1158/0008-5472.CAN-20-0278. IF: 9,727. (Q1).

NEW COMPETITIVE FUNDING

MV20/00062. MOVILIDAD DE PERSONAL INVESTIGADOR CONTRATADO EN EL MARCO DE LAAES (M-AES): ESTIBALIZ GABICAGOGEOASCOA CORTA. PI: GABICAGOGEOASCOA CORTA, ESTIBALIZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

» MOBILITY OF RESEARCHER

Research Mobility: Estibaliz Gabicagogeascoa. Country: United Kingdom. Center: University of Newcastle.



Women's Health Research Group

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

27

Nº OF PAPERS JCR INDEXED

26

CITABLE ITEMS

74%(20)

Q1 (CITABLE ITEMS)

45%(9)

D1 (CITABLE ITEMS)

10%(2)

CUMULATIVE IF

60,44

AVERAGE IF

3,02

LEADING RESEARCHER

Coronado Martín, Pluvio Jesús

MEMBERS

Arantzazu Albarracín Solaeche
 Concepción Cuenca González
 Estefanía Ruipérez Pacheco
 Francisco Javier García Santos
 Ignacio Cristobal García
 Juan Eloy Asenjo De La Fuente
 Juana María Brenes Sánchez
 Lucía Garvin Ocampos
 Lucía Vaamon De Lorenzo
 M^a Eugenia Olivares Crespo
 María Del Mar Ramírez Mena
 María Joséfa Herrera De La Muela
 Miguel Ángel Herráiz Martínez
 Miriam De La Puente Yagüe
 Mónica Bellón De Amo
 Myriam Gracia Segovia
 Nuria Izquierdo Méndez
 Rocío Vacas Mata

OVERVIEW

This recently created 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 Gynecology, 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.

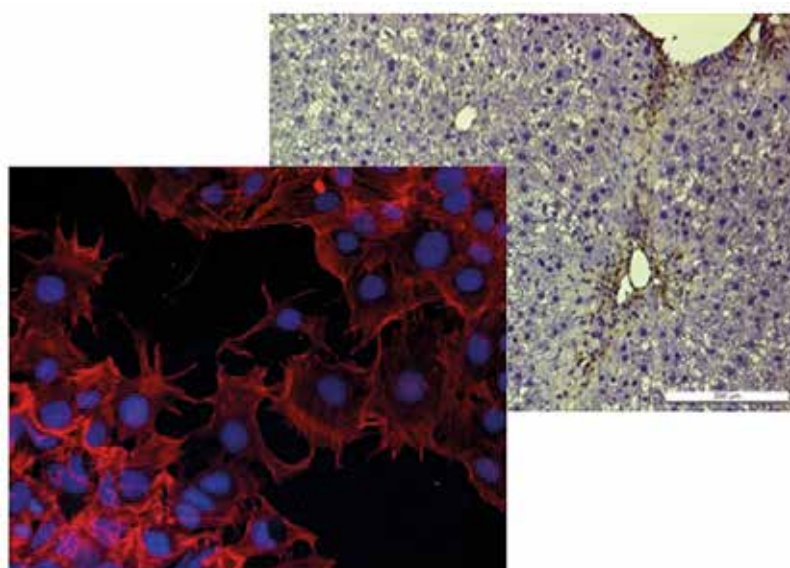
SELECTED PUBLICATIONS

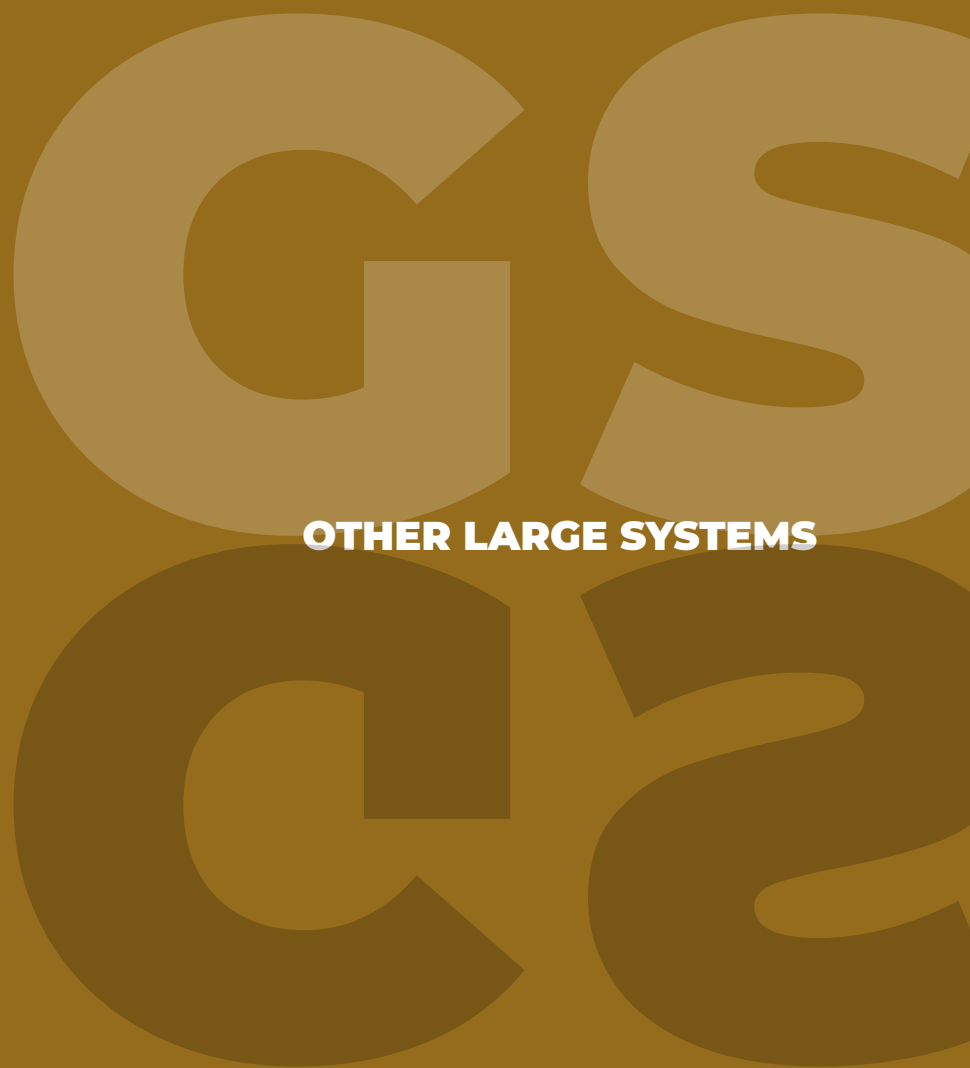
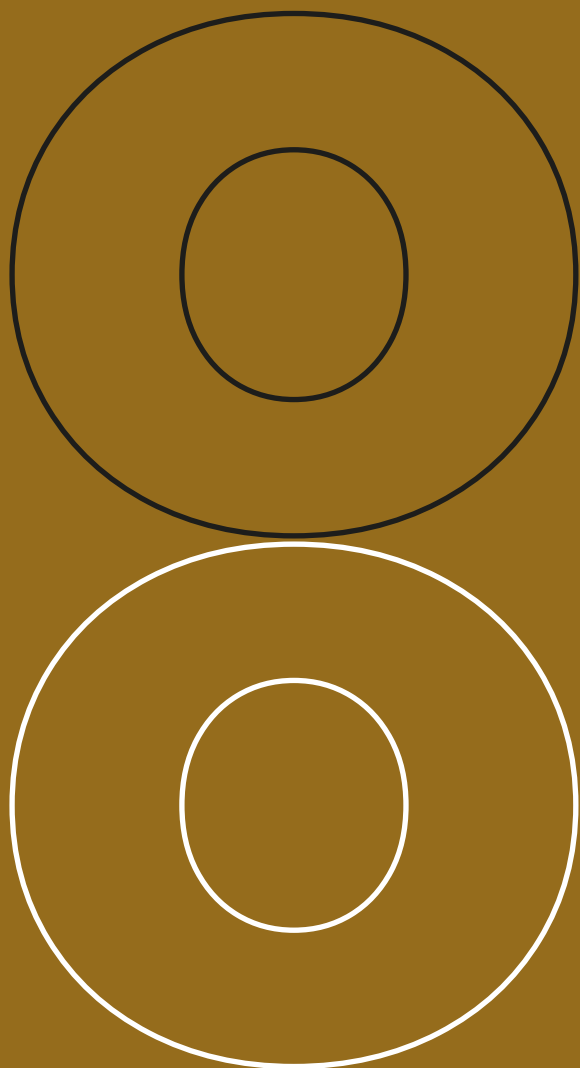
- Diaz-Feijoo, Berta, Franco, Silvia, Torne, Aureli, Benito, Virginia, Hernandez, Alicia, Lago, Victor, Rovira, Ramon, Acosta, Ursula, Agusti, Nuria, Gil-Moreno, Antonio, Gil-Ibanez, Blanca, Bebia, Vicente, Tejerizo, Alvaro, Perez-Regadera, José F., Lubrano, Amina, Gonzalez, Cristina, Domingo, Santiago, Ruiz, Ruben, Cobos, Paloma, Luna-Guibourg, Rocio, Gilabert-Estelles, Juan, Chipiriliu, Dra, Lluca, Antonio, Piquer, Lola, CORONADO MARTÍN, PLUVIO JESÚS, Gracia, Miriam, SEGO Spain-GOG Grp. Implications of extraperitoneal paraaortic lymphadenectomy to the left renal vein in locally advanced cervical cancer. A Spanish multicenter study. GYNECOLOGIC ONCOLOGY. 2020; 158(2): 287-293. DOI: 10.1016/j.ygyno.2020.05.004. IF: 4,623. (Q1).
- Romero, Ignacio, Jesus Rubio, M., Medina, Manuel, Matias-Guiu, Xavier, Santacana, María, Schoenenberger, Juan-Antonio, María Guerra, Eva, Cortes, Alfonso, Minig, Lucas, CORONADO MARTÍN, PLUVIO JESÚS, Fernando Cueva, Juan, Gomez, Lourdes, Malfettone, Andrea, Sampayo, Miguel, Llombart-Cussac, Antonio, Poveda, Andres. An olaparib window-of-opportunity trial in patients with early-stage endometrial carcinoma: POLEN study. GYNECOLOGIC ONCOLOGY. 2020; 159(3): 721-731. DOI: 10.1016/j.ygyno.2020.09.013. IF: 4,623. (Q1).
- Fasero, María, Mainar, Laura B., Campo, Leyre R., Delgado, David Varillas, CORONADO MARTÍN, PLUVIO JESÚS. What do Spanish men know about menopause?. MENOPAUSE-THE JOURNAL OF THE NORTHAMERICANMENOPAUSE SOCIETY. 2020; 27(9): 1047-1052. DOI: 10.1097/GME.0000000000001564. IF: 3,305. (Q1).

DOCTORATE THESES

Doctoral candidate: Isabel Gómez Gutierrez. Thesis title: estudio de prevalencia, calidad de vida y función sexual de las mujeres con Vulvodinia en España Director(s): Pluvio J. Coronado Martín, José A. Vidart Aragón. University: UCM.

Doctoral candidate: Agnieszka Rychlik. Thesis title: Cáncer del endometrio del riesgo intermedio-una entidad clínica heterogénea Director(s): Pluvio J. Coronado Martín, Ignacio Zapardiel. University: UAM.





OTHER LARGE SYSTEMS

GROUPS

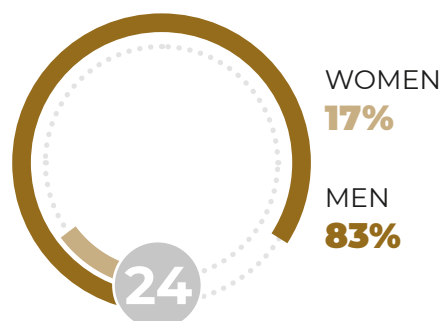
OGS.1	Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes.	OGS.23	The Digestive System
OGS.6	Diabetes and Cardiovascular	OGS.24	Hematology
OGS.9	Endocrinology of Metabolic Diseases	OGS.25	Pathology of Emergency
OGS.12	Clinical Pharmacology	OGS.27	The Interdisciplinary Study Group of Diabetic Foot
OGS.13	Technology, design and Surgical Innovation	OGS.29	Socioeconomic Health Determinants
OGS.14	Medical Physics	OGS.30	AFUSAN
OGS.15	Aging	OGS.32	Ciencias Forenses: genética y toxicología forense
OGS.17	Biomedical Imaging Research	OGS.33	Chronobiological Molecular Mechanisms
OGS.18	Health Care Research	OGS.34	Nuclear Physics Techniques and Instrumentation in Biomedicine
OGS.19	Epidemiology and Health Services		



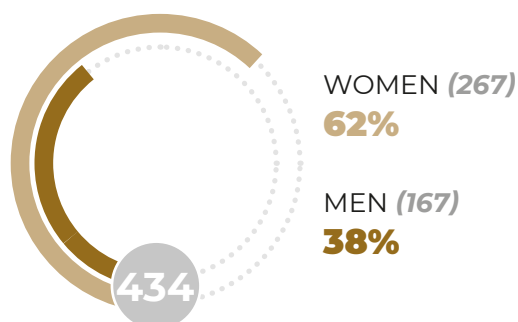
ANNUAL GOALS

	COMPLETED	NOT COMPLETED
<i>Strengthen cooperation in related sectors</i>	✓	X
<i>Increase communication between the groups in the area.</i>	✓	X
<i>To promote transversal training in research</i>	✓	X
<i>Actions in line with the lines of the Strategic Plan in force</i>	✓	X

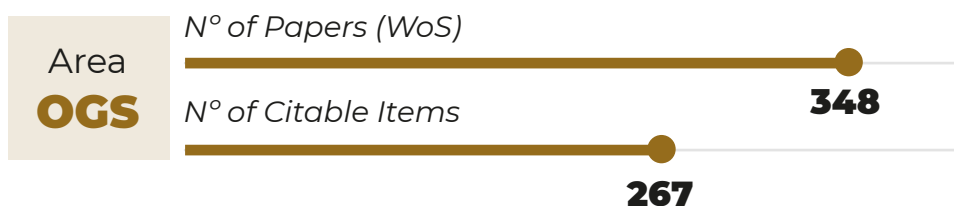
GROUP LEAD RESEARCHERS



TOTAL PROFESSIONALS IN THE AREA



SCIENTIFIC PRODUCTION



OPEN ACCESS

**47,41%**

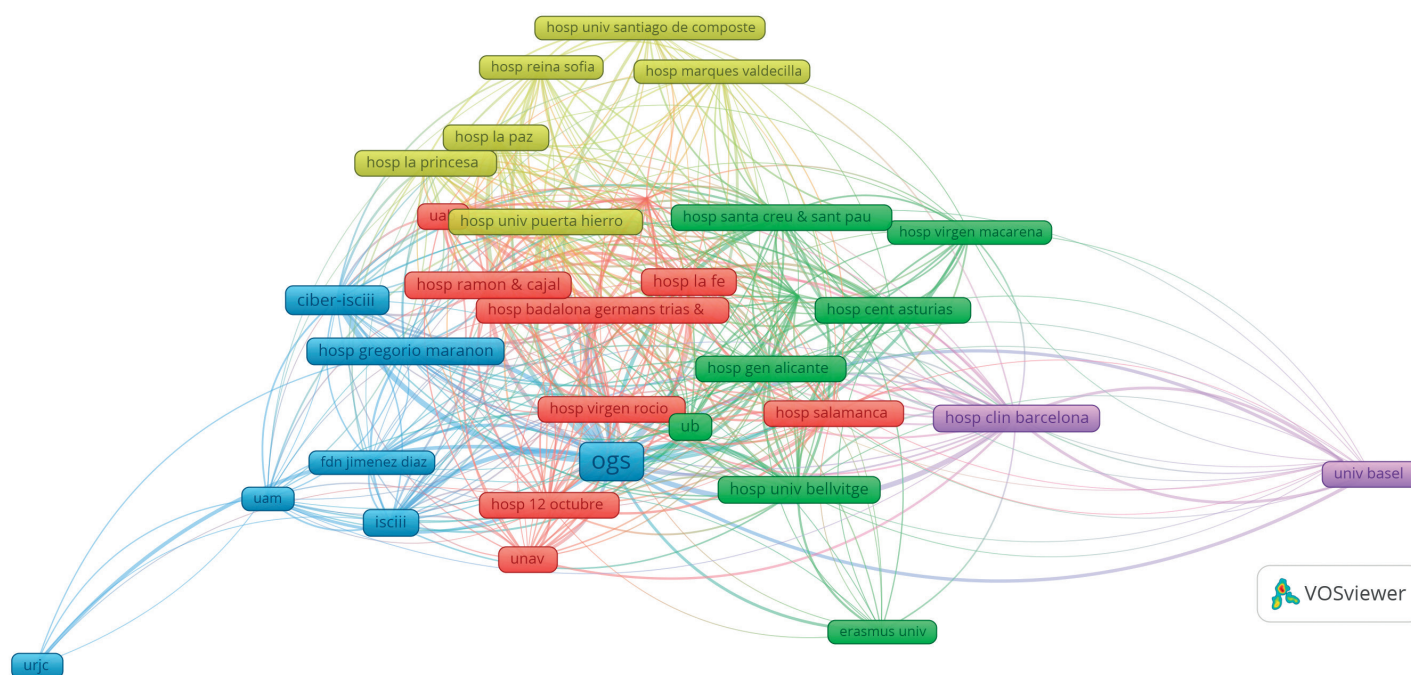
*of the documents have been
published in open access
journals.*

JOURNALS WITH THE HIGHEST PUBLICATION RATE IN THE AREA

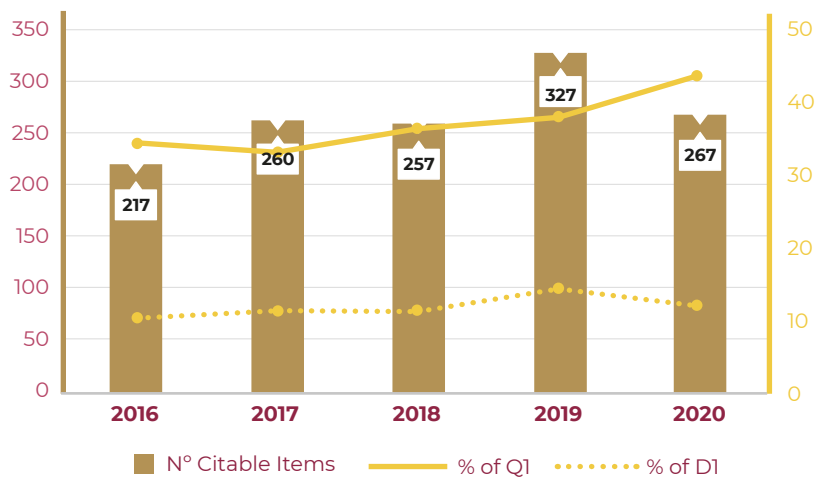
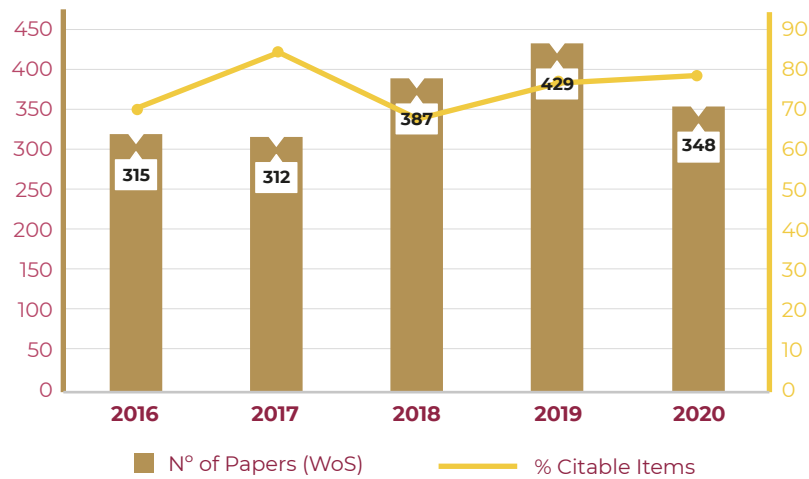
During 2020, the OGS area's researchers have published in a total of 211 different journals. The top 10 journals where they publish the most are shown below. It represents the 23.85% of the scientific production of this area. 80% of these journals are in the first quartile of the JCR 2020 for their thematic category and five of them are in the Top 10 of their WoS category. In the OGS area, 56.62% of the documents published in these journals are citable documents like articles and reviews.

Journal	Nº of Papers (WoS)	Times Cited	Nº Citable items	Times Cited (Citable items)	Quartil 2020	WoS Category	Article Influence Score 2020	Journal Citation Indicator (JCI) 2020	IF (without self citations) 2020
JOURNAL OF CLINICAL MEDICINE	16	34	16	34	Q1 (39/169)	Medicine, General and Internal	0.985	1.24	3.849
EUROPEAN HEART JOURNAL	12	0	0	0	Q1 (2/142)	Cardiac and Cardiovascular Systems	10.410	5.87	28.341
EMERGENCIAS	11	68	8	56	Q1 (5/32)	Emergency Medicine	0.353	1.28	2.455
ALIMENTARY PHARMACOLOGY & THERAPEUTICS	8	75	3	74	Q1 (12/275)	Pharmacology and Pharmacy	2.702	1.99	7.547
REVISTA ESPAÑOLA DE QUIMIOTERAPIA	8	23	6	23	Q4 (246/275)	Pharmacology and Pharmacy	0.260	0.30	1.427
Total	55	200	33	187					

SCIENTIFIC COLLABORATION BY CENTER (> 10 PAPERS)



SCIENTIFIC PRODUCTION (2016-2020)



Σ **1017,863** Total impact factor

$\bar{X}$ **4,055** Average impact factor

SELECTED 5 PUBLICATIONS



GÓMEZ HERNÁNDEZ, M^a DE LA ALMUDENA, Lopez-Pastor, Andrea R. , Rubio-Longas, Carlota , Majewski, Patrik , BENEIT REDONDO, NURIA, Viana-Huete, Vanesa , GARCÍA GÓMEZ, GEMA, Fernandez, Silvia , Hribal, Marta Letizia , Sesti, Giorgio , ESCRIBANO ILLANES, OSCAR, BENITO DE LAS HERAS, MANUEL ROMAN. Specific knockout of p85 alpha in brown adipose tissue induces resistance to high-fat diet-induced obesity and its metabolic complications in male mice. MOLECULAR METABOLISM. 2020; 31. 1-13. DOI: 10.1016/j.molmet.2019.10.010. IF: 6,448. (Q1).



LOPES GOMES, CLAUDIA, David Quintero-Brito, Jose , Martinez-Gomez, Jesus , Pereira, Rui , BAEZA RICHER, CARLOS IGNACIO, Aler Gay, Mercedes , Diez-Juarez, Laura , Palomo-Diez, Sara , Maria Lopez-Parra, Ana , Labajo-Gonzalez, Elena , Jose Esteban-Ramos, Victor , Perea-Perez, Bernardo , ARROYO PARDO, EDUARDO. Spanish allele and haplotype database for 32 X-chromosome Insertion-Deletion polymorphisms. FORENSIC SCIENCE INTERNATIONAL-GENETICS. 2020; 46. na-na. DOI: 10.1016/j.fsigen.2020.102262. IF: 4,884. (Q1).



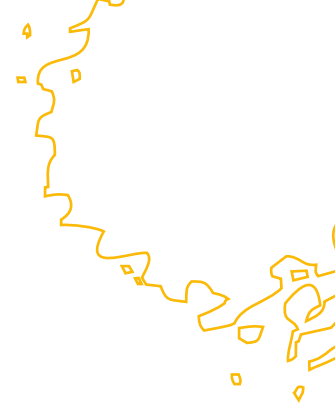
TAXONERA SAMSÓ, CARLOS, SAGASTAGOITIA FORNIE, IÑIGO, ALBA LÓPEZ, CRISTINA, Manas, Norberto , OLIVARES QUINTANAR, DAVID, REY DÍAZ-RUBIO, ENRIQUE. 2019 novel coronavirus disease (COVID-19) in patients with inflammatory bowel diseases. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2020; 52(2): 276-283. DOI: 10.1111/apt.15804. IF: 7,515. (Q1).



LOPEZ GARCIA, MARIA EUGENIA, TURRERO NOGUÉS, AGUSTÍN, Cuesta, Pablo , Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO, FERNÁNDEZ LUCAS, ALBERTO. A multivariate model of time to conversion from mild cognitive impairment to Alzheimer's disease. GeroScience. 2020; 42(6): 1715-1732. DOI: 10.1007/s11357-020-00260-7. IF: 6,444. (Q1).



PEREZ GARCIA, CARLOS NICOLAS, MOREU GAMAZO, MANUEL, ROSATI, SANTIAGO, SIMAL HERNÁNDEZ, PATRICIA, EGIDO HERRERO, JOSÉ ANTONIO, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS, ARRAZOLA GARCÍA, JUAN LORENZO. Mechanical Thrombectomy in Medium Vessel Occlusions Blind Exchange With Mini-Pinning Technique Versus Mini Stent Retriever Alone. Stroke. 2020; 51(11): 3224-3231. DOI: 10.1161/STROKEAHA.120.030815. IF: 7,19. (Q1).



ACTIVITY



Brain Glucose Sensors, Control of Satiety, Obesity and Type 2 Diabetes

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

7

N° OF PAPERS JCR INDEXED

6

CITABLE ITEMS

86%⁽⁶⁾

Q1 (CITABLE ITEMS)

33%⁽²⁾

D1 (CITABLE ITEMS)

17%⁽¹⁾

CUMULATIVE IF

23,83

AVERAGE IF

4,76



LEADING RESEARCHERS

Álvarez García, Elvira
 Blázquez Fernández, Enrique

MEMBERS

Esther Velázquez Sánchez
 Juan Miguel Ruiz Albusac
 M^a Ángeles Navas Hernández
 María Del Carmen Sanz Miguel

OVERVIEW

Our group investigates the role of the PASK sensor in the central and peripheral adaptation to: fasting/feeding states, high-fat diet, altered redox states and aging. We are discerning the importance of PASK in the adaptive response to fasting and feeding, oxidative metabolism, oxidative stress and the function in thermogenesis studying hypothalamus-brown adipose tissue intercommunication.

On the other hand, we are also interested on the relationship between resistance to insulin action and cerebral glucose hypometabolism in neurodegenerative diseases (Alzheimer's and Diabetes Mellitus type 2), both at the molecular level and using studies of Molecular image (Micro-PET). Analysing as well the effects of insulin-sensitizing agents (metformin and pioglitazone).

Another of the areas of interest of our research group is the molecular diagnosis of monogenic diabetes (MODY) and the functional characterization of MODY mutations. Recently, new mutations associated with familial hyperglycemia MODY2 and activating mutations of glucokinase in hyperinsulinism phenotypes have been characterized.

The study of the role of orexigenic and anorexigenic regulatory peptides in the control of satiety and obesity.

Molecular diagnosis of monogenic diabetes and the study of the regulation of proteins involved.

Study of the biological actions of GLPs in pluripotent stem cells and embryonic development.

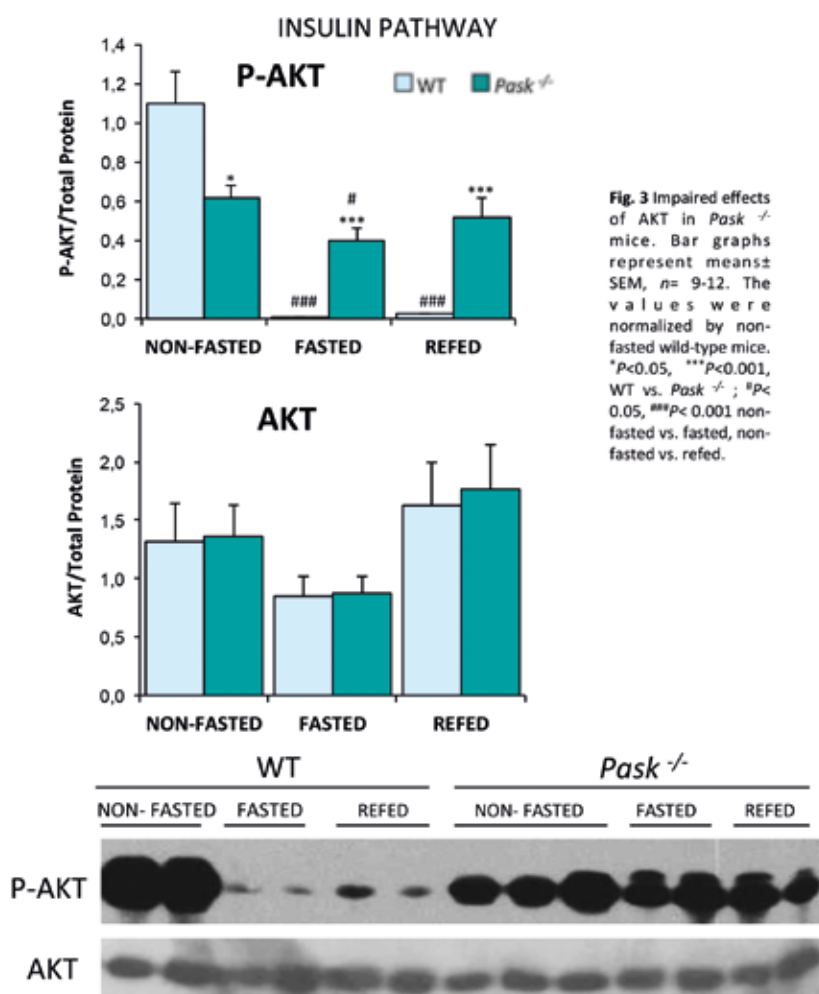
Mechanism of action and physiological effects of GLPs on apoptosis and cell proliferation.



SELECTED PUBLICATIONS

- DONGIL SANCHEZ, PILAR, PEREZ GARCIA, ANA, HURTADO CARNEIRO, VERONICA, MEDRANO DE DIOS, LUZ MARIA, ÁLVAREZ GARCÍA, ELVIRA, SANZ NIETO, CARMEN. PAS kinase deficiency reduces aging effects in mice. *Aging-Us*. 2020; 12(3): 2275-2301. DOI: 10.18632/aging.102745. IF: 4,831. (Q1).
- Balana, Carmen , Angeles Vaz, Maria , Manuel Sepulveda, Juan , Mesia, Carlos , del Barco, Sonia , Pineda, Estela , Munoz-Langa, Jose , Estival, Anna , de las Penas, Ramon , Fuster, Jose , Girones, Regina , Miguel Navarro, Luis , Gil-Gil, Miguel , Alonso, Miriam , Herrero, Ana , Peralta, Sergio , Olier, Clara , PÉREZ SEGURA, PEDRO, Covela, Maria , Martinez-Garcia, Maria , Berrocal, Alfonso , Gallego, Oscar , Luque, Raquel , Javier Perez-Martin, Franciso , Esteve, Anna , Munne, Nuria , Domenech, Marta , Villa, Salvador , SANZ MIGUEL, MARÍA DEL CARMEN, Carrato, Cristina . A phase II randomized, multicenter, open-label trial of continuing adjuvant temozolomide beyond 6 cycles in patients with glioblastoma (GEINO 14-01). *Neuro-Oncology*. 2020; 22(12): 1851-1861. DOI: 10.1093/neuonc/noaa107. IF: 10,247. (Q1).

- HURTADO CARNEIRO, VERONICA, PEREZ GARCIA, ANA, ÁLVAREZ GARCÍA, ELVIRA, SANZ MIGUEL, MARÍA DEL CARMEN. PAS Kinase: A Nutrient and Energy Sensor "Master Key" in the Response to Fasting/Feeding Conditions. *Frontiers in endocrinology*. 2020; 11. na-na. DOI: 10.3389/fendo.2020.594053. IF: 3,644. (Q2).



Diabetes and Cardiovascular

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

2

N° OF PAPERS JCR INDEXED

2

CITABLE ITEMS

100%⁽²⁾

Q1 (CITABLE ITEMS)

100%⁽²⁾

D1 (CITABLE ITEMS)

50%⁽¹⁾

CUMULATIVE IF

10,35

AVERAGE IF

5,17



LEADING RESEARCHER

Benito De Las Heras, Manuel Roman

MEMBERS

Carlos Guillen Viejo
 M^a De La Almodena Gómez Hdez.
 Oscar Escribano Illanes

OVERVIEW

The research activity of this group includes:

The study of the role of orexigenic and anorexigenic regulatory peptides in the control of satiety and obesity.

Molecular diagnosis of monogenic diabetes and the study of the regulation of proteins involved.

Study of the biological actions of GLPs in pluripotent stem cells and embryonic development.

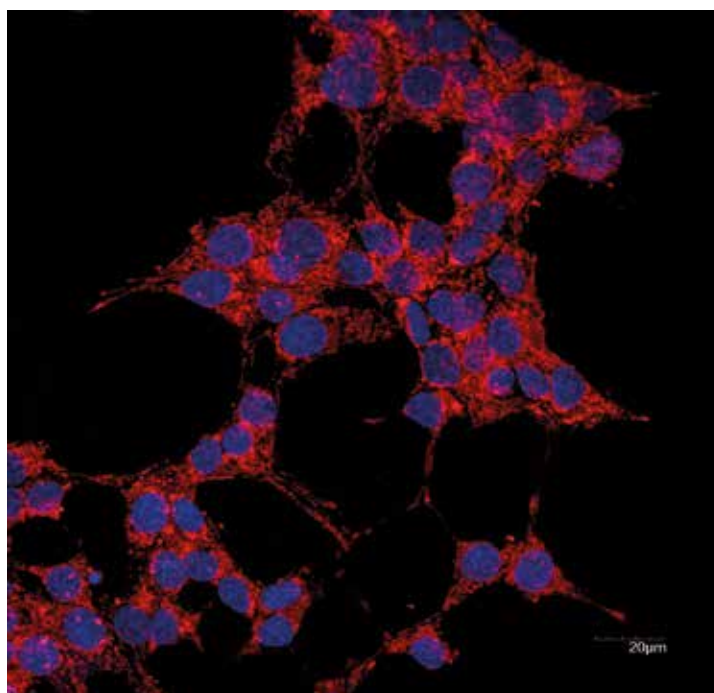
Mechanism of action and physiological effects of GLPs on apoptosis and cell proliferation.



SELECTED PUBLICATIONS

► GÓMEZ HERNÁNDEZ, M^a DE LA ALMUDENA, Lopez-Pastor, Andrea R. , Rubio-Longas, Carlota , Majewski, Patrik , BENEIT REDONDO, NURIA, Viana-Huete, Vanesa , GARCÍA GÓMEZ, GEMA, Fernandez, Silvia , Hribal, Marta Letizia , Sesti, Giorgio , ESCRIBANO ILLANES, OSCAR, BENITO DE LAS HERAS, MANUEL ROMAN. Specific knockout of p85 alpha in brown adipose tissue induces resistance to high-fat diet-induced obesity and its metabolic complications in male mice. MOLECULAR METABOLISM. 2020; 31. 1-13. DOI: 10.1016/j.molmet.2019.10.010. IF: 6,448. (Q1).

Lopez-Pastor, Andrea R. , Infante-Menendez, Jorge , ESCRIBANO ILLANES, OSCAR, GÓMEZ HERNÁNDEZ, M^a DE LA ALMUDENA. miRNA Dysregulation in the Development of Non-Alcoholic Fatty Liver Disease and the Related Disorders Type 2 Diabetes Mellitus and Cardiovascular Disease. Frontiers in Medicine. 2020; 7. na-na. DOI: 10.3389/fmed.2020.527059. IF: 3,9. (Q1).



Endocrinology of Metabolic Diseases

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

42

N° OF PAPERS JCR INDEXED

40

CITABLE ITEMS

95%(40)

Q1 (CITABLE ITEMS)

68%(27)

D1 (CITABLE ITEMS)

10%(4)

CUMULATIVE IF

150,48

AVERAGE IF

3,96



LEADING RESEARCHER

Calle Pascual, Alfonso Luis

MEMBERS

Alejandra Durán Rodríguez-Hervada
 Ana María Barabash Bustelo
 Angélica Larrad Sáinz
 Carla Assaf Balut
 Elena Bordiú Obanza
 Gemma Hernández Núñez
 Johanna Josefina Valerio Deogracia
 Jorge Gabriel Ruiz Sánchez
 José Ángel Díaz Pérez
 Laura Del Valle Díez
 M^a Soledad Fernández Alfonso
 Macarena Torrego Ellacuria
 María Del Carmen Montañez Zorilla
 María Ortiz Ramos
 María Paz De Miguel Novoa
 María Pilar Matía Martín
 Miguel Ángel Rubio Herrera
 Natalia Pérez Ferre
 Nuria García De La Torre Lobo

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.

SELECTED PUBLICATIONS

- ▶ de Frutos-Lucas, Jaisalmer , Cuesta, Pablo , Lopez-Sanz, David , Peral-Suarez, Africa , Cuadrado-Soto, Esther , Ramirez-Torano, Federico , Brown, Belinda M. , Serrano, Juan M. , Laws, Simon M. , Rodriguez-Rojo, Inmaculada C. , Verdejo-Roman, Juan , BRUÑA FERNANDEZ, RICARDO, Delgado-Losada, Maria L. , BARABASH BUSTELO, ANA MARÍA, LOPEZ SOBALER, ANA MARIA, Lopez-Higes, Ramon , MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO. The relationship between physical activity, apolipoprotein E epsilon 4 carriage, and brain health. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00608-3. IF: 6,116. (Q1).
- ▶ LOPEZ GARCIA, MARIA EUGENIA, TURRERO NOGUÉS, AGUSTÍN, Cuesta, Pablo , Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO, FERNÁNDEZ LUCAS, ALBERTO. A multivariate model of time to conversion from mild cognitive impairment to Alzheimer's disease. GeroScience. 2020; 42(6): 1715-1732. DOI: 10.1007/s11357-020-00260-7. IF: 6,444. (Q1).
- ▶ de Frutos-Lucas, Jaisalmer , Cuesta, Pablo , Ramirez-Torano, Federico , Nebreda, Alberto , Cuadrado-Soto, Esther , Peral-Suarez, Africa , Lopez-Sanz, David , BRUÑA FERNANDEZ, RICARDO, Marcos-de Pedro, Silvia , Delgado-Losada, Maria Luisa , LOPEZ SOBALER, ANA MARIA, Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, Serrano Rodriguez, Juan Manuel , Laws, Simon M. , Dolado, Alberto Marcos , Lopez-Higes, Ramon , Brown, Belinda M. , MAESTU UNTURBE, FERNANDO. Age and APOE genotype affect the relationship between objectively measured physical activity and power in the alpha band, a marker of brain disease. ALZHEIMERS RESEARCH & THERAPY. 2020; 12(1): na-na. DOI: 10.1186/s13195-020-00681-8. IF: 6,116. (Q1).

NEW COMPETITIVE FUNDING

JRS.SENDIMAD.20. Hipoaldosteronismo adquirido. Manifestaciones clínicas y factores asociados. PI: RUIZ SANCHEZ, JORGE GABRIEL. Funding Organisation: SOCIEDAD DE ENDOCRINOLOGÍA, NUTRICIÓN Y DIABETES DE LA COMUNIDAD DE MADRID.

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.

NEW NON COMPETITIVE FUNDING

CONV19/200. Contrato de Intesificación del Dr.Alfonso Calle Pascual: El objeto del contrato es la realización por el facultativo especialista contratado de parte de la actividad clínico asistencial del Investigador Principal intesificado. PI: CALLE PASCUAL, ALFONSO LUIS. Funding Organisation: HOSPITAL CLINICO SAN CARLOS.

CLINICAL PRACTICE GUIDELINES

Araujo Castro, Marta , Curras Freixes, Maria , DE MIGUEL NOVOA, MARÍA PAZ, Gracia Gimeno, Paola , Alvarez Escola, Cristina , Alexandra Hanzu, Felicia . SEEN guidelines for the management and prevention of acute adrenal insufficiency. Endocrinologia Diabetes Y Nutricion. 2020; 67(1): 53-60.

AWARDS

Researcher aware: CALLE PASCUAL, ALFONSO LUIS. Award: II Premios a la traslación de valor a la atención sanitaria: mejora de resultados de salud.

Researcher aware: CALLE PASCUAL, ALFONSO LUIS. Award: XXV Premio Científico - 1º Premio.

Clinical Pharmacology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

13

N° OF PAPERS JCR INDEXED

13

CITABLE ITEMS

77%(10)

Q1 (CITABLE ITEMS)

40%(4)

D1 (CITABLE ITEMS)

20%(2)

CUMULATIVE IF

86,63

AVERAGE IF

8,66



LEADING RESEARCHER

Vargas Castrillón, Emilio

MEMBERS

Alexandra Domingo Fernández
 Amanda López Picado
 Ana Ascaso Del Río
 Ana Belén Rivas Paterna
 Ana Isabel Terleira Fernández
 Antonio Portolés Pérez
 Berta Orellana Suarez
 Carla Pérez Ingudua
 Carlos María Elvira Martínez
 Esperanza González Rojano
 Fernando De Andrés Rodríguez-Trelles
 Gema Del Prado Marugan
 Gema Pino Valentín
 Gemma Pérez Vázquez
 Leonor María Laredo Velasco
 Loredana Alina Nita
 Lourdes Cabrera García
 M^a Aranzazu Urrutia De La Plaza
 María Del Mar García Arenillas
 Natalia Pérez Macías
 Natalia Rodríguez Galán
 Sara Muñoz Vicente
 Susana Jato Sánchez
 Susana García Ramos
 Nicoletta Deidda
 Ana García Franco
 Jose María Torvisco Najarro
 Sonia García Gómez
 Jorge Mario Torvisco Najarro
 Oskia Bueno Zaragueta
 Beatriz Rodríguez Castejón
 Cristina Serrano Millán
 M^a José Rubira Iniesta



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

- ▶ de Abajo, Francisco J , Rodríguez-Martín, Sara , Lerma, Victoria, Mejía-Abril, Gina, Aguilar, Mónica, García-Luque, Amelia , LAREDO VELASCO, LEONOR MARÍA, Laosa, Olga , Centeno-Soto, Gustavo A , Ángeles Gálvez, María , Puerro, Miguel , GONZALEZ ROJANO, ESPERANZA, Pedraza, Laura , de Pablo, Itziar , Abad-Santos, Francisco , Rodríguez-Mañas, Leocadio , Gil, Miguel , Tobías, Aurelio , Rodríguez-Miguel, Antonio , Rodríguez-Puyol, Diego , MED-ACE2-COVID19 study group . Use of renin-angiotensin-aldosterone system inhibitors and risk of COVID-19 requiring admission to hospital: a case-population study.. Lancet. 2020; 395(10238): 1705-1714. DOI: 10.1016/S0140-6736(20)31030-8. IF: 60,392. (Q1).
- ▶ Martínez-Zapata, Maria Jose , Vernooij, Robin W. M. , Simancas-Racines, Daniel , Uriona Tuma, Sonia Maria , Steins, Airton T. , Moreno Carriles, Rosa Maria M. , VARGAS CASTRILLÓN, EMILIO, Cosp, Xavier Bonfill . Phlebtonics for venous insufficiency. COCHRANE DATABASE OF SYSTEMATIC REVIEWS. 2020; (11): na-na. DOI: 10.1002/14651858CD003229.pub4. IF: 7,89. (Q1).

- MARTÍN SÁNCHEZ, FRANCISCO JAVIER, GONZÁLEZ DEL CASTILLO, JUAN MARÍA, VALLS CARBO, ADRIAN, LOPEZ PICADO, AMANDA, MARTINEZ VALERO, CARMEN, Miranda, Juande D. , Chacon, Ana , Lopez-Ayala, Pedro , Chaparro, David , Cozar Lopez, Gabriel , del Mar Suarez-Cadenas, Maria , Jerez Fernandez, Pablo , del Toro, Enrique , Cardassay, Eduardo , Angos, Beatriz , DIAZ DEL ARCO, CRISTINA, Rodriguez Agradada, Esther , Montalvo Moraleda, Maria Teresa , Espejo Paeres, Carolina , Elvira, Carlos , Garcia Brinon, Miguel Angel , Leal Pozuelo, Jose Ma , ORTEGA MEDINA, LUIS, Fernandez Perez, Cristina , Gonzalez Armengol, Juan Jorge . Diagnostic groups and short-term outcomes in suspected COVID-19 cases treated in an emergency department. Emergencias. 2020; 32(4): 242-252. IF: 3,173. (Q1).

NEW COMPETITIVE FUNDING

853981. EUR.IDEA-FAST. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: COMISIÓN EUROPEA.

777389. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen- CTU. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: COMISIÓN EUROPEA.

PT20/00017. PLATAFORMA DE SOPORTE PARA LA INVESTIGACIÓN CLÍNICA. UICEC. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEW NON COMPETITIVE FUNDING

CONV19/208. Contrato de Encargado de Tratamiento con ALARO AVANT S.L. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: ALARO AVANT S.L..

CONV20/073. AEMPS encarga a la FIBHCSC la coordinación del estudio Solidarity. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: MINISTERIO DE SANIDAD Y POLÍTICA SOCIAL.

CONV20/079. Licencia Software y prestación de servicios para la realización de campaña COVID19. Servicio gratuito hasta 15 junio 2020. PI: PORTOLÉS PÉREZ, ANTONIO. Funding Organisation: STOCKCROWD FANRAISING, S.L..

EMVC.M01LICO. Prestación de servicios para la "Realización de un informe de valoración de expediente de registro de Frampidina". PI: VARGAS CASTRILLÓN, EMILIO. Funding Organisation: LABORATORIOS LICONSA S.A.

TECHNOLOGY TRANSFER

Procedimiento y dispositivo para la detección visual del grado de aptitud en una muestra aislada de sangre para su validación en análisis clínico.: Inventor: Leticia Simón, Emilio Vargas (Universidad Complutense de Madrid) .Nº de patente: P201900050.

COMBINATION OF IBUPROFEN AND TRAMADOL FOR RELIEVING PAIN: Inventor: 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, Iñiua; Aragonese II . SANZ MENÉNDEZ, Nuria. GÓMEZ CALVO, Antonia. SÁNCHEZ GARCÍA, Jose Angel. DUART GONZALEZ, Ester. GARCÍA ALONSO, Fernando; Nº de patente: PCT/EP2020/069306.

DOCTORATE THESES

Doctoral candidate: Laura Lorenzo Allegue. Thesis title: Evaluación del efecto de una intervención sobre la valoración, evaluación y manejo del dolor en pacientes hospitalizados Director(s): Emilio Vargas Castrillón, Leonor Laredo. University: Facultad de Enfermería, Fisioterapia y Podología. Madrid.

Doctoral candidate: Trinidad Díaz Luengo. Thesis title: Análisis de diversas técnicas de reducción de ansiedad prequirúrgica en el niño y tutores Director(s): Emilio Vargas Castrillón, . University: Facultad de Enfermería, Fisioterapia y Podología. Madrid.

Doctoral candidate: Alba Albitre Sanz. Thesis title: Análisis y comparación de la eficacia de una intervención por teleconsulta en el ámbito pediátrico Director(s): Emilio Vargas Castrillón, . University: Facultad de Enfermería, Fisioterapia y Podología. Madrid.

Technology, design and Surgical Innovation

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

30

N° OF PAPERS JCR INDEXED

27

CITABLE ITEMS

80%(24)

Q1 (CITABLE ITEMS)

27%(7)

D1 (CITABLE ITEMS)

8%(2)

CUMULATIVE IF

69,89

AVERAGE IF

3,33



LEADING RESEARCHER

Mayol Martínez, Julio Ángel

MEMBERS

Ana Isabel Cortes Martínez
 Ángel Luis Del Rey Mejias
 Antonio Murciano Cespedosa
 Atocha Guedán Durán
 Elena Arredondo Lillo
 Fivos Panetsos Petrova
 Germán Seara Aguilar
 Henar González Luengo
 Joan Chafer Vilaplana
 José Manuel Martínez Sesmero
 M^a Jesús Peña Soria
 Milagros Merino Fernández
 Rocío Anula Fernández



OVERVIEW

The Innovation and Surgery Research Group group are made up of researchers from Surgery Service 1 and members of the Innovation Unit. The mission of the group is the development of innovative projects relevant to clinical practice and health results and, either their implementation in our organization or transfer to society as products or services. We are especially interested in IT-based projects in process reengineering and medical imaging, as well as biomaterials, biomarkers, and nanotechnology. The Innovation team currently especially are working in Data Science and intelligence use of data. With these projects, our aim is to contribute to the necessary healthcare transformation and the creation of value for all relevant stakeholders in the healthcare system.

SELECTED PUBLICATIONS

- ▶ MAYOL MARTÍNEZ, JULIO ÁNGEL, Fernandez Perez, C. . Elective surgery after the pandemic: waves beyond the horizon. BRITISH JOURNAL OF SURGERY. 2020; 107(9): 1091-1093. DOI: 10.1002/bjs.11688. IF: 5,676. (Q1).
- ▶ Kaniusas, Eugenijus , Szeles, Jozsef C. , Kampusch, Stefan , Alfageme-Lopez, Nuria , Yucuma-Conde, Daniela , Li, Xie , MAYOL MARTÍNEZ, JULIO ÁNGEL, Neumayer, Christoph , Papa, Michele , PANETSOS PETROVA, FIVOS. Non-invasive Auricular Vagus Nerve Stimulation as a Potential Treatment for Covid19-Originated Acute Respiratory Distress Syndrome. FRONTIERS IN PHYSIOLOGY. 2020; 11. na-na. DOI: 10.3389/fphys.2020.00890. IF: 3,367. (Q1).
- ▶ Orive, Miren , Anton, Ane , Gonzalez, Nerea , Aguirre, Urko , ANULA FERNÁNDEZ, ROCÍO, Lazaro, Santiago , Redondo, Maximino , Bare, Marisa , Briones, Eduardo , Escobar, Antonio , Sarasqueta, Cristina , Ferreiro, Josefa , Quintana, Jose M. , REDISSEC-CARESS CCR Grp . Factors associated with colon cancer early, intermediate and late recurrence after surgery for stage I-III: A 5-year prospective study. EUROPEAN JOURNAL OF CANCER CARE. 2020; 29(6): na-na. DOI: 10.1111/ecc.13317. IF: 2,161. (Q1).

MMS.F01UCB. "Donación para la realización del Proyecto Salud individual y colectiva, evaluación del desarrollo y aplicación de la Telefarmacia (#TeleFarmaciaHCSC #QuedateEnCasa)" con código interno nº 20/387-E_COVID19". PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: UCB PHARMA S.A.

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: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: OTSUKA PHARMACEUTICAL S.A.

MMS.M01BOE. Especialización del FH en Competencias Digitales y TICs. PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

101017331. Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe. PI: LUACES MENDEZ, MARIA. Funding Organisation: COMISIÓN EUROPEA.

945334. Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment. PI: LUACES MENDEZ, MARIA. Funding Organisation: COMISIÓN EUROPEA.

NEW NON COMPETITIVE FUNDING

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. Funding Organisation: INTERNATIONAL BUSINESS MACHINES, S.A.

CONV20/036. Colaboración de Fundación29 en la ejecución del Proyecto "Pilotaje de un nuevo modelo de gestión de información relacionada con COVID-19 basado en la aplicación de Inteligencia Artificial y Business Intelligence" Colaboración de Fundación29 en la ejecución. PI: SEARA AGUILAR, GERMAN. Funding Organisation: FUNDACION 29 DE FEBRERO.

CONV20/063. Colaboración con la UPM para la realización de trabajos de consultoría, consistentes en un modelo de integración de datos clínicos basados en i2b2. PI: SEARA AGUILAR, GERMAN. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID OFICINA DE TRANSFERENCIA TECNOLÓGICA.

MMS.C01AST.COLABORACIÓN PROYECTO DE INNOVACIÓN Y HUMANIZACIÓN EN LA FARMACIA HOSPITALARIA del Hospital Clínico San Carlos. PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

MMS.F01ALEX. Donación para la realización de una formación de Especialización de farmacéutico hospitalario en investigación en enfermedades raras. PI: MARTÍNEZ SESMERO, JOSÉ MANUEL. Funding Organisation: ALEXION PHARMA SPAIN S.L.

Medical Physics

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

8

N° OF PAPERS JCR INDEXED

8

CITABLE ITEMS

100%⁽⁸⁾

Q1 (CITABLE ITEMS)

38%⁽³⁾

D1 (CITABLE ITEMS)

13%⁽¹⁾

CUMULATIVE IF

20,23

AVERAGE IF

2,53



LEADING RESEARCHERS

Vañó Carruana, Eliseo
 Fernández Soto, José Miguel

MEMBERS

David Flavio Martínez Barrio
 Domingo Pablo Córdoba Gómez
 Gabriel Rodríguez Martín
 José Ignacio Ten Morón
 Roberto Mariano Sánchez Casanueva



OVERVIEW

The main areas of research are Radiological Protection of patients, professionals and the general public, that may be affected by medical exposures to ionizing radiation, including Radiodiagnosis, Nuclear Medicine, Interventional Practices and Radiotherapy. This group collaborates with national and international organizations such as the Spanish Society for Radiation Protection, the Spanish Society for Medical Physics, the International Atomic Energy Agency, the European Federation of Medical Physics Organizations, the World Health Organization and the International Commission on Radiological Protection.

SELECTED PUBLICATIONS

- Ubeda, Carlos, VAÑÓ CARRUANA, ELISEO, Riquelme, Nemorino, Aguirre, Daniel, Vasquez, Hector, Chavez, Cristian, Dalmazzo, Dandaro. Patient radiation doses in paediatric interventional cardiology and optimization actions. RADIATION PHYSICS AND CHEMISTRY. 2020; 168. na-na. DOI: 10.1016/j.radphyschem.2019.108539. IF: 2,226. (Q1).
- de Hollanda, Ana, Lecube, Albert, RUBIO HERRERA, MIGUEL ÁNGEL, Sanchez, Enric, Vilarrasa, Nuria, Gregorio Oliva, Jose, FERNÁNDEZ SOTO, JOSÉ MIGUEL, Salas-Salvado, Jordi, Ballesteros-Pomar, Maria D., Ciudin, Andreea, Torres, Ferran, Vidal, Concepcion, Jose Morales, Maria, Valdes, Sergio, Pellitero, Silvia, Minambres, Inka, Masmiquel, Lluís, Goday, Albert, Suarez, Lorena, Flores, Liliam, Bueno, Marta, Caixas, Assumpta, Breton, Irene, Camara, Rosa, Olbeyra, Romina, Penso, Rona, Jose de la Cruz, Maria, Simo-Servat, Andreu, Maria Pereyra-Garcia, Francisca, Teresa Lopez-Mezquita, Elena, Gils, Anna, Fidilio, Enzamaría, Bandres, Orosia, Martinez, Angel, Abuin, Jose, Marques-Pamies, Montserrat, Tuneu, Laura, Arteaga, Magdalena, Castaner, Olga, Goni, Fernando, Arrizabalaga, Cristina, Antonio Botana, Manuel, Calanas, Alfonso, Rebollo, Angel. New Metrics to Assess Type 2 Diabetes after Bariatric Surgery: The "Time-Within-Remission Range". Journal of Clinical Medicine. 2020; 9(4): na-na. DOI: 10.3390/jcm9041070. IF: 3,303. (Q1).

- RIAL HORCAJO, RODRIGO, VAÑÓ CARRUANA, ELISEO, Del Rio-Sola, Maria L., FERNÁNDEZ SOTO, JOSÉ MIGUEL, SÁNCHEZ CASANUEVA, ROBERTO MARIANO, Cambor Santervas, Lino A., Bellmunt, Sergi, Blanco, Estrella, El Amrani Joutey, Mehdi, Gonzalez Canas, Elena, Gomez Palones, Francisco J., Gonzalez Fajardo, Jose A., Gonzalez Tabares, Enrique, Llagostera Pujol, Secundino, Rielo Arias, Francisco, Salmeron Febres, Luis M., Aramendi Arieta-Araunabena, Claudia, Iborra Ortega, Elena, Guerra Requena, Mercedes. National Diagnostic Reference Levels for Endovascular Aneurysm Repair and Optimisation Strategies. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY. 2020; 60(6): 837-842. DOI: 10.1016/j.ejvs.2020.08.006. IF: 5,328. (Q1).

AWARDS

Researcher aware: ELISEO VAÑÓ CARRUANA. Winning work: A TODA SU CARRERA PROFESIONAL. Award: ROLF M. SIEVERT AWARD, 2020 DE LA IRPA (INTERNATIONAL RADIATION PROTECTION ASSOCIATION).

Researcher aware: ELISEO VAÑÓ CARRUANA. Winning work: A TODA SU CARRERA PROFESIONAL. Award: "MEDAL FOR OUTSTANDING INTERNATIONAL ACHIEVEMENT" 2020 INSTITUTO BRITÁNICO RADIOLOGÍA.



Aging

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

17

N° OF PAPERS JCR INDEXED

17

CITABLE ITEMS

82%(14)

Q1 (CITABLE ITEMS)

29%(4)

D1 (CITABLE ITEMS)

21%(3)

CUMULATIVE IF

41,2

AVERAGE IF

2,94

LEADING RESEARCHERS

Cuesta Triana, Federico Miguel
 Gil Gregorio, Pedro

MEMBERS

Alberto Fernández Lucas
 Carlos Verdejo Bravo
 Jesús Mora Fernández
 María Aurora Viloria Jiménez
 Montserrat Lázaro Del Nogal
 Sara Lainez Martinez

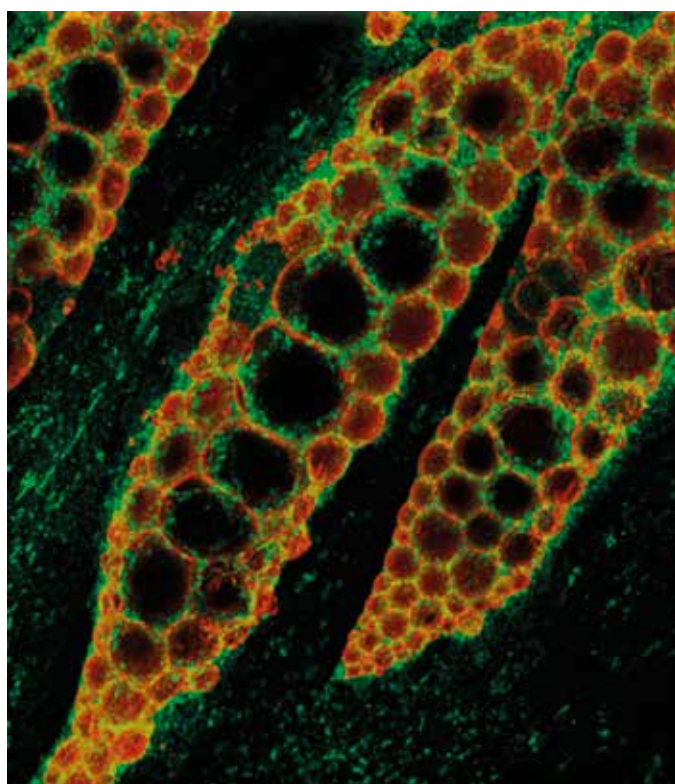
OVERVIEW

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

- ▶ Salobar-Garcia, Elena , MÉNDEZ HERNÁNDEZ, CARMEN DORA, Hoz, Rosa de , Ramirez, Ana I. , Lopez-Cuenca, Ines , Fernandez-Albarral, Jose A. , Rojas, Pilar , Wang, Surina , GARCÍA FEIJÓO, JULIÁN, GIL GREGORIO, PEDRO, Salazar, Juan J. , Ramirez, Jose M. . Ocular Vascular Changes in Mild Alzheimer's Disease Patients: Foveal Avascular Zone, Choroidal Thickness, and ONH Hemoglobin Analysis. *Journal of Personalized Medicine*. 2020; 10(4): na-na. DOI: 10.3390/jpm10040231. IF: 4,433. (Q1).
- ▶ Martínez de Toda, Irene , Vida, Carmen , García-Salmones, Marta , ALONSO FERNÁNDEZ, PATRICIA, De la Fuente, Mónica . Immune function, oxidative and inflammatory markers in centenarians as potential predictors of survival and indicators of recovery after hospital admission.. *JOURNALS OF GERONTOLOGY SERIES A-BIOLOGICAL SCIENCES AND MEDICAL SCIENCES*. 2020; 75(10): 1827-1833. DOI: 10.1093/gerona/glz250. IF: 5,236. (Q1).
- ▶ LOPEZ GARCIA, MARIA EUGENIA, TURRERO NOGUÉS, AGUSTÍN, Cuesta, Pablo , Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO, FERNÁNDEZ LUCAS, ALBERTO. A multivariate model of time to conversion from mild cognitive impairment to Alzheimer's disease. *GeroScience*. 2020; 42(6): 1715-1732. DOI: 10.1007/s11357-020-00260-7. IF: 6,444. (Q1).



Biomedical Imaging Research

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

15

N° OF PAPERS JCR INDEXED

12

CITABLE ITEMS

80%⁽¹²⁾

Q1 (CITABLE ITEMS)

17%⁽²⁾

D1 (CITABLE ITEMS)

8%⁽¹⁾

CUMULATIVE IF

33,23

AVERAGE IF

3,32

LEADING RESEARCHER

Arrazola García, Juan Lorenzo

MEMBERS

Ana Bustos García De Castro
 Ana María Crespo Rodríguez
 Angel Peña Peña Melián
 Beatriz Cabeza Martínez
 Beatriz Lanndegrand Menendez
 Eliseo Vaño Galván
 Eva Marañillo Alcaide
 Íñigo De La Pedraja Gómez-Ceballos
 José Francisco Rodríguez Vázquez
 José Manuel Espejo Domínguez
 Jose Ramón Sañudo Tejero
 Lidia Gil Martínez
 M^a Teresa Vázquez Osorio
 Manuel Moreu Gamazo
 Manuela Jorquera Moya
 Margarita Chevalier Del Rio
 María Del Carmen Polidura Arruga
 María Natividad Gomez Ruiz
 Noelia Arévalo Galeano
 Ramiro Méndez Fernández
 Ricardo Rodríguez González
 Susana Martín Garre

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.

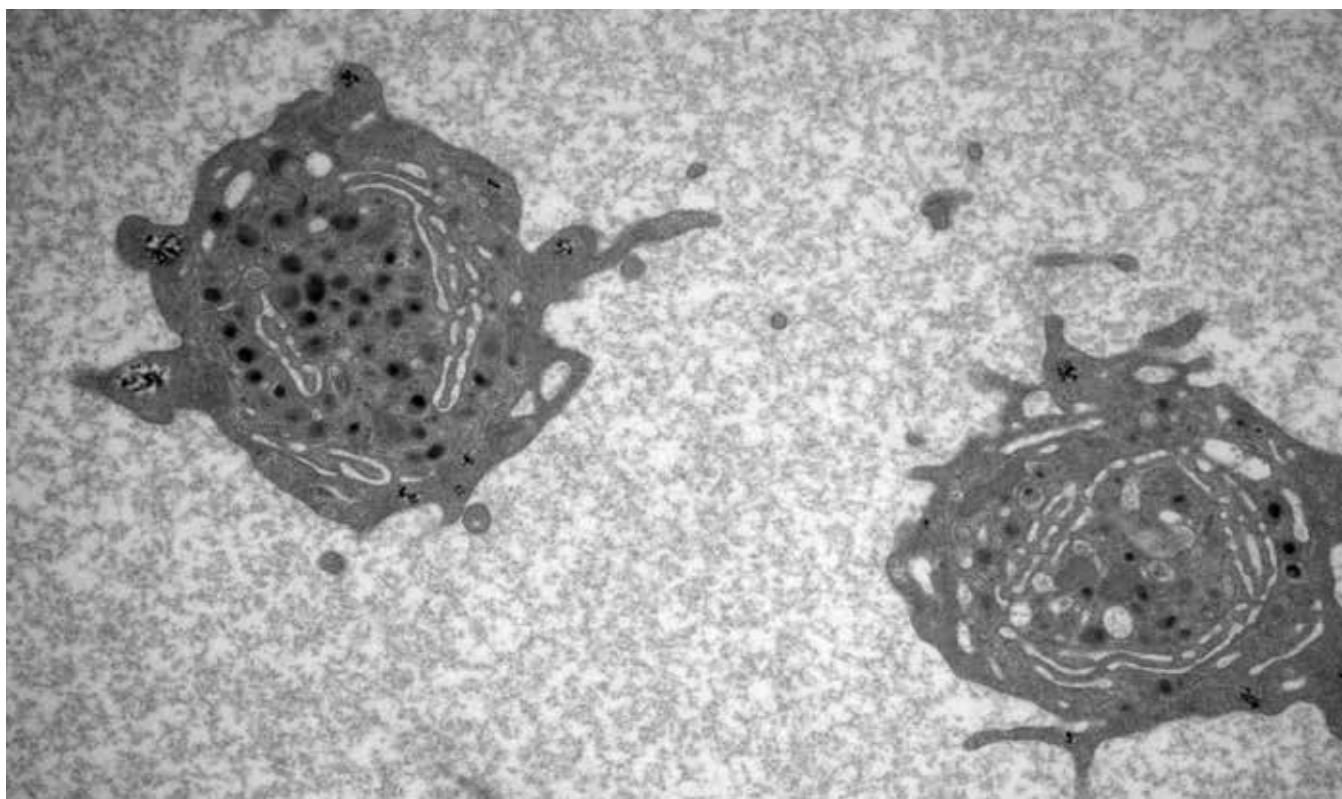
Our location at the Hospital Clínico facilitates the connection of the clinical environment with basic specialties and teaching departments of the University.

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.

SELECTED PUBLICATIONS

- ▶ Carrascosa-Granada, Angela , Velazquez, Willian , Wagner, Ralf , Saab Mazzei, Anwar , Vargas-Jimenez, Andres , JORQUERA MOYA, MANUELA, BARCIA ALBACAR, JUAN ANTONIO, SALLABANDA DIAZ, KITA. Comparative Study Between Uniportal Full-Endoscopic Interlaminar and Tubular Approach in the Treatment of Lumbar Spinal Stenosis: A Pilot Study. Global Spine Journal. 2020; 10. 70-78. DOI: 10.1177/2192568219878419. IF: 2,683. (Q2).
- ▶ GARCIA BOTELLA, ALEJANDRA, SAEZ CARLIN, PATRICIA, MÉNDEZ FERNÁNDEZ, RAMIRO, Paz Martin, Maria , ORTEGA MEDINA, LUIS, Vicente Mendez, Jose , GARCÍA PAREDES, BEATRIZ, DÍEZ VALLADARES, LUIS IGNACIO, TORRES GARCÍA, ANTONIO JOSÉ. CD133+cell infusion in patients with colorectal liver metastases going to be submitted to a major liver resection (CELLCOL): A randomized open label clinical trial. SURGICAL ONCOLOGY-OXFORD. 2020; 33. 224-230. DOI: 10.1016/j.suronc.2019.10.005. IF: 2,521. (Q2).
- ▶ PEREZ GARCIA, CARLOS NICOLAS, MOREU GAMAZO, MANUEL, ROSATI, SANTIAGO, SIMAL HERNÁNDEZ, PATRICIA, EGIDO HERRERO, JOSÉ ANTONIO, GÓMEZ-ESCALONILLA ESCOBAR, CARLOS, ARRAZOLA GARCÍA, JUAN LORENZO. Mechanical Thrombectomy in Medium Vessel Occlusions Blind Exchange With Mini-Pinning Technique Versus Mini Stent Retriever Alone. Stroke. 2020; 51(11): 3224-3231. DOI: 10.1161/STROKEAHA.120.030815. IF: 7,19. (Q1).



Health Care Research

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

22

Nº OF PAPERS JCR INDEXED

19

CITABLE ITEMS

95%(21)

Q1 (CITABLE ITEMS)

38%(8)

CUMULATIVE IF

47,09

AVERAGE IF

2,62



LEADING RESEARCHERS

Ortuño Soriano, Ismael
 Muñoz Jiménez, Daniel

MEMBERS

Adrián Cañadas Zapata
 Alberto Martín Leon
 Alicia Begoña Fernández Ruiz
 Amparo Corniero Picó
 Ana Belén Sánchez De La Ventana
 Ana García Ramos
 Anabel Solsona Cercós
 Carmen Martínez Rincón
 Carolina Casanueva Pérez
 Daniel Menés Medina
 Elena Cerro Oca
 Emma Cabezas Moreno
 Encarnación Fernández Del Palacio
 Enrique Pacheco Del Cerro
 Fernando Lozano García
 Gabriel Parra González
 Gustavo Plaza Manzano
 Irene López Martín
 Isabel Gaitero García
 José Ángel González Sánchez
 Juan Ignacio Torres González
 Laura Vázquez Contreras
 Leticia Piñey Diez De Los Ríos
 M^a Juliana González Martín
 M^a Paloma Posada Moreno
 Margarita Lancharro Bermúdez
 María Antonio Cubero Pérez
 María Dolores Gómez Barriga
 María Esther Marín García
 María José Díaz Arribas
 María Montealegre Sanz
 María Sanz Guijo
 Mercedes Bernabeu Lledó
 M^a Rosario Caparrós Sanz
 Mónica Mialdea Alcocer
 Nuria Navarro Siguero
 Patricia Martín Casas
 Raquel Valera Monsalve
 Sara Gil Useros
 Tamara Raquel Velasco Sanz

OVERVIEW

The "Research in Care" group is made up of researchers who work with a common objective: to provide scientific evidence of the effectiveness, utility and efficiency of nursing care and physiotherapy in the areas of interest of therapeutic education, improvement of techniques physiotherapy and the use and improvement of health products, making scientific contributions to directly improve the quality of such care. Specifically, it is made up of several nurses from the surgical and medical fields and physiotherapists, both from hospitalization, from Central Services and from the University.



Care Research. Biosafety, adherence and sanitary product

SELECTED PUBLICATIONS

- ▶ Navarro-Santana, Marcos J. , Gomez-Chiguano, Guido F. , Somkerekki, Mihai D. , Fernandez-de-las-Penas, Cesar , Cleland, Joshua A. , PLAZA MANZANO, GUSTAVO. Effects of joint mobilisation on clinical manifestations of sympathetic nervous system activity: a systematic review and meta-analysis. *Physiotherapy*. 2020; 107. 118-132. DOI: 10.1016/j.physio.2019.07.001. IF: 2,478. (Q1).
- ▶ Rahou-El-Bachiri, Youssef , Navarro-Santana, Marcos J , Gómez-Chiguano, Guido F , Cleland, Joshua A , Villanueva, Ibai López-de-Uralde- , Fernández-de-Las-Peñas, César , Ortega-Santiago, Ricardo , PLAZA MANZANO, GUSTAVO. Effects of Trigger Point Dry Needling for the Management of Knee Pain Syndromes: A Systematic Review and Meta-Analysis. *Journal of Clinical Medicine*. 2020; 9(7): na-na. DOI: 10.3390/jcm9072044. IF: 3,303. (Q1).
- ▶ Navarro-Santana, Marcos J. , Sanchez-Infante, Jorge , Fernandez-de-las-Penas, Cesar , Cleland, Joshua A. , MARTIN CASAS, PATRICIA, PLAZA MANZANO, GUSTAVO. Effectiveness of Dry Needling for Myofascial Trigger Points Associated with Neck Pain Symptoms: An Updated Systematic Review and Meta-Analysis. *Journal of Clinical Medicine*. 2020; 9(10): na-na. DOI: 10.3390/jcm9103300. IF: 3,303. (Q1).

NEW COMPETITIVE FUNDING

20/715-E_BS. EFECTOS DEL ENTRENAMIENTO DE LA MUSCULATURA RESPIRATORIA EN LA CALIDAD DE VIDA, FUNCIÓN FÍSICA, PULMONAR Y ESTADO PSICOLÓGICO EN PACIENTES QUE HAN SUPERADO LA COVID-19. PI: PLAZA MANZANO, GUSTAVO. Funding Organisation: Colegio profesional de fisioterapeutas de la Comunidad de Madrid.

AWARDS

Researcher aware: M^a Dolores Gómez Barriga. Winning work: Preparación y administración de medicación con chalecos informativos: impacto seguridad del paciente. Award: 4^o Premio en IV premios de investigación CODEM.

TECHNOLOGY TRANSFER

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.

Epidemiology and Health Services

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

34

N° OF PAPERS JCR INDEXED

32

CITABLE ITEMS

85%(29)

Q1 (CITABLE ITEMS)

38%(11)

D1 (CITABLE ITEMS)

4%(1)

CUMULATIVE IF

87,64

AVERAGE IF

3,02



LEADING RESEARCHERS

Fuentes Ferrer, Manuel Enrique
 Fernández Pérez, Cristina

MEMBERS

Agustín Turrero Nogués
 Ana Capapé Aguilar
 Beatriz Pelaez Ros
 Ignacio Bardón Fernández-Pacheco
 Irene Serrano García
 Isabel Rita Gómez Parra
 Karina Davila Merizalde
 M^a Covadonga Caso Pita
 Mercedes Galindo Canales
 Náyade Del Prado González
 Pilar Martín Escudero
 Sílvia O'Connor Pérez
 Maria Mercedes Lucas Barajas
 Maria Teresa Alonso Cobo
 Maria Del Carmen Mestre Gonzalez

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 have 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.

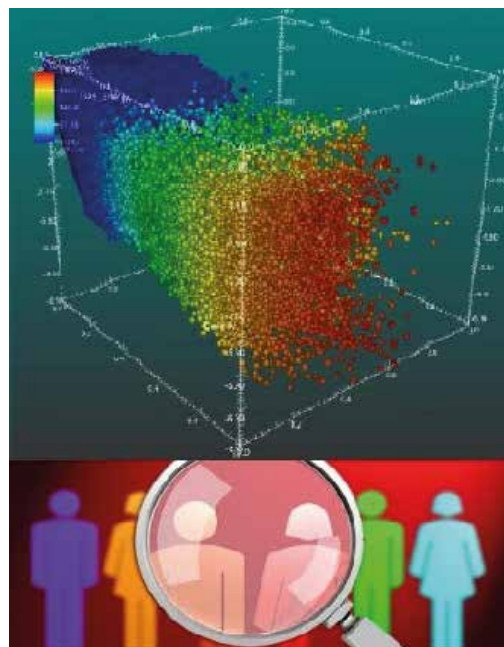
In 2019 there is a merger of this group with the Sports and Occupational Health groups, integrating into a single line of Epidemiology and Health.

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 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.

SELECTED PUBLICATIONS

- ▶ SANTIAGO ÁLVAREZ, JOSÉ LUÍS, PÉREZ FLORES, ISABEL, SANCHEZ PEREZ, LUIS, Moreno de la Higuera, Maria Angeles , CALVO ROMERO, NATIVIDAD, QUEROL GARCIA, JAVIER, CULEBRAS LÓPEZ, ESTHER, URCELAY GARCÍA, ELENA, FERNÁNDEZ PÉREZ, CRISTINA, SÁNCHEZ FRUCTUOSO, ANA ISABEL. The Interferon-Gamma+874 A/T Polymorphism Is Not Associated With CMV Infection After Kidney Transplantation. FRONTIERS IN IMMUNOLOGY. 2020; 10. na-na. DOI: 10.3389/fimmu.2019.02994. IF: 5,085. (Q1).
- ▶ LOPEZ GARCIA, MARIA EUGENIA, TURRERO NOGUÉS, AGUSTÍN, Cuesta, Pablo , Concepcion Rodriguez-Rojo, Inmaculada , BARABASH BUSTELO, ANA MARÍA, MARCOS DOLADO, ALBERTO, MAESTU UNTURBE, FERNANDO, FERNÁNDEZ LUCAS, ALBERTO. A multivariate model of time to conversion from mild cognitive impairment to Alzheimer's disease. GeroScience. 2020; 42(6): 1715-1732. DOI: 10.1007/s11357-020-00260-7. IF: 6,444. (Q1).
- ▶ NÚÑEZ GIL, IVÁN JAVIER, ESTRADA PÉREZ, VICENTE, FERNÁNDEZ PÉREZ, CRISTINA, Fernández-Rozas, Inmaculada , MARTÍN SÁNCHEZ, FRANCISCO JAVIER, MACAYA MIGUEL, CARLOS. The COVID-19 curve, health system overload, and mortality.. Emergencias. 2020; 32(4): 293-295. IF: 3,173. (Q1).



AWARDS

Researcher aware: Pilar Martín Escudero. Award: FINALISTA Programa Compluemprende de Acompañamiento #VencealVirus Mayo 2020. Salud: Reconocimiento ex aequo dotado con 1.500E cada proyecto.

The Digestive System

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

26

N° OF PAPERS JCR INDEXED

26

CITABLE ITEMS

73%(19)

Q1 (CITABLE ITEMS)

42%(8)

D1 (CITABLE ITEMS)

21%(4)

CUMULATIVE IF

93,73

AVERAGE IF

2,82

LEADING RESEARCHER

Rey Díaz-Rubio, Enrique

MEMBERS

Antonio Ruiz De León San Juan
 Blanca Serrano Falcón
 Carlos Taxonera Samsó
 Carmen Poves Frances
 Julio Antonio Pérez De La Serna
 Bueno
 Luz Del Castillo González
 María José Devesa Medina

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)

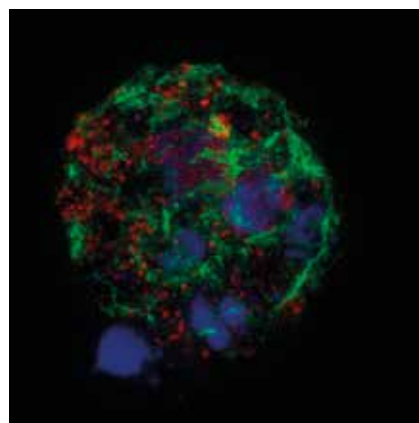
Motor activity of the digestive system: physiological studies, new methods and diagnostic techniques, genetics of diseases presenting with gastrointestinal motor disorders, assessment of therapeutic alternative techniques.

SELECTED PUBLICATIONS

- ▶ Fernandez-Banares, Fernando , Crespo, Laura , NÚÑEZ PARDO DE VERA, MARÍA CONCEPCIÓN, LÓPEZ PALACIOS, NATALIA, Tristan, Eva , Vivas, Santiago , Farrais, Sergio , Arau, Beatriz , Vidal, Judith , Roy, Garbine , Esteve, María . Gamma delta(+) intraepithelial lymphocytes and coeliac lymphogram in a diagnostic approach to coeliac disease in patients with seronegative villous atrophy. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2020; 51(7): 699-705. DOI: 10.1111/apt.15663. IF: 7,515. (Q1).

- ▶ Garranzo-Asensio, Maria , GUZMÁN ARÁNGUEZ, ANA ISABEL, Povedano, Eloy , Ruiz-Valdepenas Montiel, Víctor , POVES FRANCES, CARMEN, FERNANDEZ ACENÉRO, MARÍA JESUS, Montero-Calle, Ana , Solis-Fernandez, Guillermo , FERNANDEZ DIEZ, SERVANDO, Camps, Jordi , Arenas, Meritxell , Rodriguez-Tomas, Elisabeth , Joven, Jorge , Sanchez-Martinez, Maricruz , Rodriguez, Nuria , Dominguez, Gemma , Yanez-Sedeno, Paloma , Manuel Pingarron, Jose, CAMPUZANO RUIZ, SUSANA, Barderas, Rodrigo . Multiplexed monitoring of a novel autoantibody diagnostic signature of colorectal cancer using HaloTag technology-based electrochemical immunosensing platform. THERANOSTICS. 2020; 10(7): 3022-3034. DOI: 10.7150/thno.42507. IF: 8,579. (Q1).

- ▶ TAXONERA SAMSÓ, CARLOS, SAGASTAGOITIA FORNIE, IÑIGO, ALBA LÓPEZ, CRISTINA, Manas, Norberto , OLIVARES QUINTANAR, DAVID, REY DÍAZ-RUBIO, ENRIQUE. 2019 novel coronavirus disease (COVID-19) in patients with inflammatory bowel diseases. ALIMENTARY PHARMACOLOGY & THERAPEUTICS. 2020; 52(2): 276-283. DOI: 10.1111/apt.15804. IF: 7,515. (Q1).



Hematology

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

29

N° OF PAPERS JCR INDEXED

27

CITABLE ITEMS

62%(18)

Q1 (CITABLE ITEMS)

50%(9)

D1 (CITABLE ITEMS)

39%(7)

CUMULATIVE IF

136,74

AVERAGE IF

8,04

LEADING RESEARCHER

González Fernández, Fernando Ataulfo

MEMBERS

Alexandra C. Pedraza
 Beatriz González Fernández
 Carlos Ramos Acosta
 Celina Benavente Cuesta
 Eduardo Anguita Mandly
 María Paz Martín Hernández
 Paloma Roperio Gradilla
 Petros Papadopoulos
 Purificación Pérez Martínez
 Rafael Benigno Martínez Martínez
 Roberto Trelles Martínez
 Sara Rochas López
 Selene Jiménez Vega
 Silvia Santos Suarez
 Xiomara Guerrero Carreño

OVERVIEW

Our group has more than two decades of research in the field of hematology, three line paths have been developed:

- o Treatment of hematologic malignancies.
- o Oncohematologic molecular and cellular study.
- o 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.

SELECTED PUBLICATIONS

- ▶ Libero Baroni, Matteo , Sanchez Martinez, Diego , Gutierrez Aguera, Francisco, Roca Ho, Heleia, Castilla, Maria , Zanetti, Samanta , Velasco Hernandez, Talia , Diaz de la Guardia, Rafael , Castano, Julio , ANGUIA MANDLY, EDUARDO, Vives, Susana , Nomdedeu, Josep , Lapillone, Helene , Bras, Anne E. , van der Velden, Vincent H. J. , Junca, Jordi , Marin, Pedro , Bataller, Alex , Esteve, Jordi , Vick, Binje , Jeremias, Irmela , Lopez, Angel , Sorigue, Marc , Bueno, Clara , Menendez, Pablo . 41BB-based and CD28-based CD123-redirected T-cells ablate human normal hematopoiesis in vivo. Journal for ImmunoTherapy of Cancer. 2020; 8(1): na-na. DOI: 10.1136/jitc-2020-000845. IF: 9,913. (Q1).
- ▶ Maia, Catarina , Puig, Noemi , Cedena, Maria-Teresa , Goicoechea, Ibai , Valdes-Mas, Rafael , Vazquez, Iria , Chillon, Maria-Carmen , Aguirre, Paula , Sarvide, Sarai , Gracia-Aznarez, Francisco Javier , Alkorta, Gorka , Calasanz, Maria-Jose , Garcia-Sanz, Ramon , Gonzalez, Marcos , Gutierrez, Norma C. , Martinez-Lopez, Joaquin , Perez, Jose J. , Merino, Juana , Moreno, Cristina , Burgos, Leire , Alignani, Diego , Botta, Cirino , Prosper, Felipe , Matarraz, Sergio , Orfao, Alberto , Oriol, Albert , Teruel, Ana-Isabel , de Paz, Raquel , de Arriba, Felipe , Hernandez, Miguel T. , Palomera, Luis , MARTINEZ MARTINEZ, RAFAEL BENIGNO, Rosinol, Laura , Mateos, Maria-Victoria , Lahuerta, Juan-Jose , Blade, Joan , San Miguel, Jesus F. , Paiva, Bruno , PETHEMA GEM Cooperative Grp . Biological and clinical signi fi cance of dysplastic hematopoiesis in patients with newly diagnosed multiple myeloma. Blood. 2020; 135(26): 2375-2387. DOI: 10.1182/blood.2019003382. IF: 17,543. (Q1).
- ▶ Fagnan, Alexandre , Bagger, Frederik Otzen , Pique-Borras, Maria-Riera , Ignacimouttou, Cathy , Caulier, Alexis , Lopez, Cecile K. , Robert, Elie , Uzan, Benjamin , Gelsi-Boyer, Veronique , Aid, Zakia , Thirant, Cecile , Moll, Ute , Tauchmann, Samantha , Kurtovic-Kozaric, Amina , Maciejewski, Jaroslaw , Dierks, Christine , Spinelli, Orietta , Salmoiraghi, Silvia , Pabst, Thomas , Shimoda, Kazuya , Deleuze, Virginie , Lapillonne, Helene , Sweeney, Connor , De Mas, Veronique , Leite, Betty , Kadri, Zahra , Malinge, Sebastien , de Botton, Stephane , Micol, Jean-Baptiste , Kile, Benjamin , Carmichael, Catherine L. , Iacobucci, Ilaria , Mullighan, Charles G. , Carroll, Martin , Valent, Peter , Bernard, Olivier A. , Delabesse, Eric , Vyas, Paresh , Birnbaum, Daniel , ANGUIA MANDLY, EDUARDO, Garcon, Loic , Soler, Eric , Schwaller, Juerg , Mercher, Thomas . Human erythroleukemia genetics and transcriptomes identify master transcription factors as functional disease drivers. Blood. 2020; 136(6): 698-714. DOI: 10.1182/blood.2019003062. IF: 17,543. (Q1).

NEW COMPETITIVE FUNDING

PEJ-2020-AI/BMD-18161. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: ANGUIA MANDLY, EDUARDO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

2020-5A/BMD-19731. Comunidad de Madrid Quinto Año "Atracción talento" Modalidad I.. PI: PAPADOPOULOS, PETROS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PRG.FEHH.20. Becas de investigación de la FEHH - Jorge Martínez Nieto. PI: ROPERO GRADILLA, PALOMA. Funding Organisation: FUNDACION ESPAÑOLA DE HEMATOLOGIA Y HEMOTERAPIA.

NEW NON COMPETITIVE FUNDING

EAM.C03FHE. Colaboración económica para la realización del proyecto "Mitocondria envejecimiento y cáncer" Fase I. PI: ANGUIA MANDLY, EDUARDO. Funding Organisation: FUNDACION HAY ESPERANZA.

CLINICAL PRACTICE GUIDELINES

Naranjo, A. , Ojeda, S. , Giner, M. , Balcells-Oliver, M. , Canals, L. , Cancio, J. M. , Duaso, E. , MORA FERNÁNDEZ, JESÚS, Pablos, C. , GONZÁLEZ FERNÁNDEZ, FERNANDO ATAÚLFO, Llado, B. , Olmo, F. J. , Montoya, M. J. , Menendez, A. , Prieto-Alhambra, D. . Best Practice Framework of Fracture Liaison Services in Spain and their coordination with Primary Care. ARCHIVES OF OSTEOPOROSIS. 2020; 15(1).

TECHNOLOGY TRANSFER

Variante Estructural De La Hemoglobina: Inventor: Ana Villegas Martínez; Fernando Ataulfo González Fernández; Paloma Ropero Gradilla.

Pathology of Emergency

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

57

N° OF PAPERS JCR INDEXED

56

CITABLE ITEMS

61%(35)

Q1 (CITABLE ITEMS)

46%(16)

D1 (CITABLE ITEMS)

11%(4)

CUMULATIVE IF

132,88

AVERAGE IF

3,91



LEADING RESEARCHER

Martín Sánchez, Francisco Javier

MEMBERS

Alejandra Ortega Duarte
 Ana Maria Mañas Hernandez
 Antonio Trino Salto Ariza
 Cesáreo Fernández Alonso
 Éric Jorge García Lamberechts
 Esther Rodríguez Adrada
 Francisco Javier Candel González
 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 Herraes
 Maria De Los Angeles Cuadrado
 Cenual
 María Del Mar Suarez Cadenas
 María Dolores Ortega De Heredia
 Miguel Angel Garcia Briñon
 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.

SELECTED PUBLICATIONS

- ▶ Lopez-Medrano, Francisco , Silva, Jose Tiago , Fernandez-Ruiz, Mario , Vidal, Elisa , Origen, Julia , Calvo-Cano, Antonia , Luna-Huerta, Enrique , Merino, Esperanza , Hernandez, Domingo , Jironda-Gallegos, Cristina , Escudero, Rosa , Gioia, Francesca , MORENO GONZÁLEZ, ALFONSO, Roca, Cristina , Cordero, Elisa , Janeiro, Dario , Sanchez-Sobrino, Beatriz , Montero, Maria Milagro , Redondo, Dolores , CANDEL GONZÁLEZ, FRANCISCO JAVIER, PÉREZ FLORES, ISABEL, Arminanzas, Carlos , Gonzalez-Rico, Claudia , Farinas, Maria Carmen , Rodrigo, Emilio , Loeches, Belen , Lopez-Oliva, Maria O. , Montejo, Miguel , Lauzurica, Ricardo , Horcajada, Juan Pablo , Pascual, Julio , Andres, Amado , Aguado, Jose Maria , REIPI , REDinREN , GESITRA-IC SEIMC . Oral fosfomycin for the treatment of lower urinary tract infections among kidney transplant recipients-Results of a Spanish multicenter cohort. AMERICAN JOURNAL OF TRANSPLANTATION. 2020; 20(2): 451-462. DOI: 10.1111/ajt.15614. IF: 7,338. (Q1).
- ▶ Möckel, Martin , de Boer, Rudolf A , Slagman, Anna Christine , von Haehling, Stephan , Schou, Morten , Vollert, Jörn Ole , Wiemer, Jan C , Ebmeyer, Stefan , MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Maisel, Alan S , Giannitsis, Evangelos . Improve Management of acute heart failure with ProAICiTonin in EUrope: results of the randomized clinical trial IMPACT EU Biomarkers in Cardiology (BIC) 18. EUROPEAN JOURNAL OF HEART FAILURE. 2020; 22(2): 267-275. DOI: 10.1002/ehf.1667. IF: 11,627. (Q1).
- ▶ Boeddinghaus, Jasper , Nestelberger, Thomas , Koechlin, Luca , Wussler, Desiree , Lopez-Ayala, Pedro , Walter, Joan Elias , Troester, Valentina , Ratmann, Paul David , Seidel, Funda , Zimmermann, Tobias , Badertscher, Patrick , Wildi, Karin , Gimenez, Maria Rubini , Potlukova, Eliska , Strebel, Ivo , Freese, Michael , Miro, Oscar , MARTÍN SÁNCHEZ, FRANCISCO JAVIER, Kaweck, Damian , Keller, Dagmar I. , Gualandro, Danielle M. , Christ, Michael , Twerenbold, Raphael , Mueller, Christian , APACE Investigators . Early Diagnosis of Myocardial Infarction With Point-of-Care High-Sensitivity Cardiac Troponin I. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 2020; 75(10): 1111-1124. DOI: 10.1016/j.jacc.2019.12.065. IF: 20,589. (Q1).

NEW NON COMPETITIVE FUNDING

CONV19/199. Intensificación Javier Martín Sánchez. Ensayo Alta desde urgencias para reducir reingresos a 30 día en mayores frágiles con insuficiencia cardiaca aguda.. PI: MARTÍN SÁNCHEZ, FRANCISCO JAVIER. Funding Organisation: HOSPITAL CLINICO SAN CARLOS.

CLINICAL PRACTICE GUIDELINES

Gudiol, Carlota , Aguilar-Guisado, Manuela , Ramon Azanza, Jose , CANDEL GONZÁLEZ, FRANCISCO JAVIER, Canton, Rafael, Carratala, Jordi, Garcia-Vidal, Carolina , Jarque, Isidro , Lizasoain, Manuel , Molina Gil-Bermejo, Jose , Ruiz-Camps, Isabel , Sanchez-. Executive summary of the consensus document of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), the Spanish Network for Research in Infectious Diseases (REIPI) and the Spanish Society of Haematology and Haemotherapy (SEHH) on the management of febrile neutropenia in patients with hematological malignancies. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2020; 38(4): 174-181.

AWARDS

Researcher aware: GONZÁLEZ DEL CASTILLO, JUAN MARÍA. Award: II Premios a la traslación de valor a la atención sanitaria: iniciativa innovadora que aporta valor.

The Interdisciplinary Study Group of Diabetic Foot

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

12

N° OF PAPERS JCR INDEXED

12

CITABLE ITEMS

100%(12)

Q1 (CITABLE ITEMS)

67%(8)

CUMULATIVE IF

36,45

AVERAGE IF

3,03



LEADING RESEARCHER

Lázaro Martínez, José Luis

MEMBERS

Elpidio Calvo Manuel
 Esther Alicia García Morales
 Irene Sanz Corbalan
 José Luis García Klepzig
 Juan Vicente Beneit Montesinos
 Del Olmo
 María Del Carmen García Carrión
 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.

SELECTED PUBLICATIONS

- Juan Molines-Barroso, Raul , GARCÍA ÁLVAREZ, YOLANDA, GARCÍA KLEPZIG, JOSÉ LUIS, GARCÍA MORALES, ESTHER ALICIA, ÁLVARO FERNÁNDEZ, RAQUEL, LÁZARO MARTÍNEZ, JOSÉ LUIS. Differences in the Sub-Metatarsal Fat Pad Atrophy Symptoms between Patients with Metatarsal Head Resection and Those without Metatarsal Head Resection: A Cross-Sectional Study. Journal of Clinical Medicine. 2020; 9(3): na-na. DOI: 10.3390/jcm9030794. IF: 3,303. (Q1).
- SANZ CORBALAN, IRENE, TARDÁGUILA GARCÍA, AROA, Garcia-Alamino, Josep M. , GARCÍA ÁLVAREZ, YOLANDA, ÁLVARO FERNÁNDEZ, RAQUEL, LÁZARO MARTÍNEZ, JOSÉ LUIS. Metatarsal Head Resections in Diabetic Foot Patients: A Systematic Review. Journal of Clinical Medicine. 2020; 9(6): na-na. DOI: 10.3390/jcm9061845. IF: 3,303. (Q1).
- Rubio, Jose Antonio , Jimenez, Sara , LÁZARO MARTÍNEZ, JOSÉ LUIS. Mortality in Patients with Diabetic Foot Ulcers: Causes, Risk Factors, and Their Association with Evolution and Severity of Ulcer. Journal of Clinical Medicine. 2020; 9(9): na-na. DOI: 10.3390/jcm9093009. IF: 3,303. (Q1).

CLINICAL PRACTICE GUIDELINES

Sicco A. Bus, Jaap J. van Netten, Jan Apelqvist, Robert J. Hinchliffe, Benjamin A. Lipsky, Nicolaas C. Schaper on behalf of the International Working Group on the Diabetic Foot (IWGDF). Traducida al español, entre otros, por miembros de este grupo de investigación (José Luis Lázaro Martínez, Esther García Morales, Yolanda García Álvarez e Irene Sanz Corbalán). Desarrollo y metodología de las Guías del IWGDF del 2019 (Como parte de las Guías Prácticas del 2019 del IWGDF para la Prevención y el Manejo de la enfermedad de Pie Diabético). Science Society: International Working Group of the Diabetic Foot (IWGDF) (2020).

AWARDS

Researcher aware: Marta García-Madrid Martín de Almagro, Yolanda García Álvarez, Francisco Javier Álvaro Afonso, Irene Sanz Corbalán, Aroa Tardáguila García y José Luis Lázaro Martínez. Winning work: Analysis of plantar pressure pattern after metatarsal head resection. Can plantar pressure predict reulceration?. Award: Paul Wilson Brand Repetitive Stress Award 2020. Diabetic Foot Study Group of the EASD (16th virtual meeting of the DFSG, 18-19th September 2020).

Researcher aware: José Luis Lázaro-Martínez, Aroa Tardáguila-García, José Luis García-Klepzig. Winning work: Diagnostic and therapeutic update on diabetic foot osteomyelitis. Award: Premio al Artículo más citado publicado en la Revista Endocrinología, Diabetes y Nutrición de la Sociedad Española de Diabetes en el año 2020.

DOCTORATE THESES

Doctoral candidate: AROA TARDÁGUILA GARCÍA. Thesis title: Seguimiento a largo plazo de marcadores analíticos y radiológicos de los pacientes diabéticos con sospecha clínica de osteomielitis tras el cierre completo de su lesión. Director(s): JOSÉ LUIS LÁZARO MARTÍNEZ, NA. University: UNIVERSIDAD COMPLUTENSE DE MADRID.



Socioeconomic Health Determinants

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

6

Nº OF PAPERS JCR INDEXED

5

CITABLE ITEMS

100%⁽⁶⁾

Q1 (CITABLE ITEMS)

50%⁽²⁾

CUMULATIVE IF

14,39

AVERAGE IF

2,87

LEADING RESEARCHER

Regidor Poyatos, Enrique

MEMBERS

Carolina Del Valle Giráldez García
 Cruz Pascual Nobajas
 David Martínez Hernández
 Juana María Santos Sancho
 Lucía Cea Soriano
 María Elisa Calle Purón
 Paloma Astasio Arbiza
 Paloma Ortega Molina

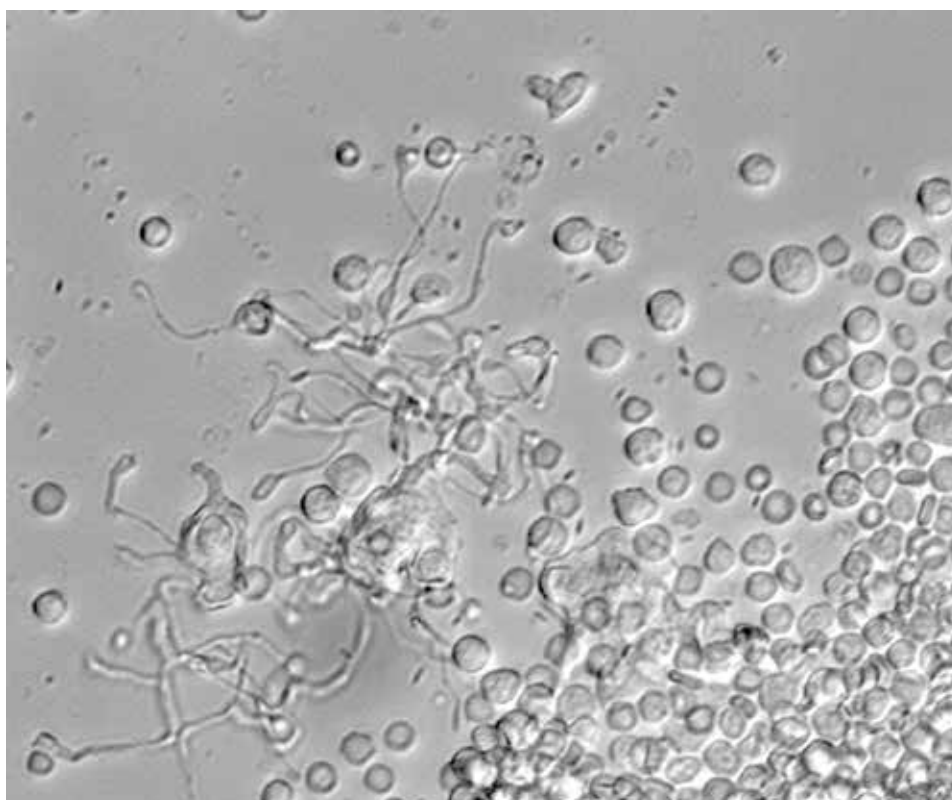
OVERVIEW

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

- ▶ Mateo-Urdiales, Alberto , Barrio Anta, Gregorio , Jose Belza, Maria , Guerras, Juan-Miguel , REGIDOR POYATOS, ENRIQUE. Changes in drug and alcohol-related mortality by educational status during the 2008-2011 economic crisis: Results from a Spanish longitudinal study. ADDICTIVE BEHAVIORS. 2020; 104. na-na. DOI: 10.1016/j.addbeh.2019.106255. IF: 3,645. (Q1).
- ▶ Lostao, Lourdes , Ronda, Elena , Pascual, Cruz , Cea-Soriano, Lucia , MORENO GONZÁLEZ, ALFONSO, REGIDOR POYATOS, ENRIQUE. Erosion of universal health coverage and trend in the frequency of physician consultations in Spain. INTERNATIONAL JOURNAL FOR EQUITY IN HEALTH. 2020; 19(1): na-na. DOI: 10.1186/s12939-020-01234-z. IF: 2,473. (Q1).
- ▶ Zhao, Guanlan , Erazo, Boris , Ronda, Elena , Brocal, Francisco , REGIDOR POYATOS, ENRIQUE. Mortality Among Firefighters in Spain: 10 Years of Follow-up. Annals of Work Exposures and Health. 2020; 64(6): 614-621. DOI: 10.1093/annweh/wxaa036. IF: 1,96. (Q3).



AFUSAN

SCIENTIFIC PRODUCTION

Nº OF PAPERS (WOS)

2

Nº OF PAPERS JCR INDEXED

2

CITABLE ITEMS

100%⁽²⁾

Q1 (CITABLE ITEMS)

100%⁽²⁾

CUMULATIVE IF

8,57

AVERAGE IF

4,29



OVERVIEW

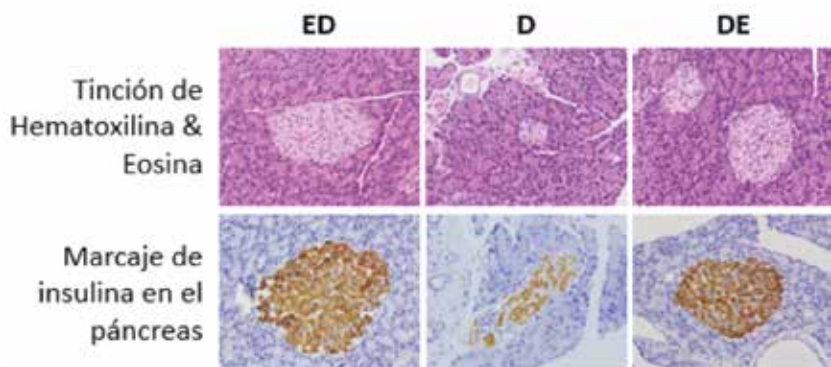
The research group was created in 1992, responding to the UCM call for training and research groups in this scientific field. Members of the group teach various subjects in Bachelor Degrees and Degrees in Pharmacy, Human Nutrition and Dietetics, as well as in Science and Food Technology. The group is 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.

LEADING RESEARCHER

Sánchez Muniz, Francisco José

MEMBERS

Adrián Macho González
Alba Garcimartín Álvarez
Elvira López-Oliva Muñoz
Jorge Arturo Santos López
Juana Benedí González
Miguel Vázquez Velasco
Paloma Celada Rodríguez
Arancha Bocanegra De Juana
Sara Bastida Codina



Representative pictures of the histopathological study of the pancreas.

SELECTED PUBLICATIONS

- MACHO GONZALEZ, ADRIAN, GARCIMARTÍN ÁLVAREZ, ALBA, LÓPEZ-OLIVA MUÑOZ, ELVIRA, CELADA RODRIGUEZ, PALOMA, BASTIDA CODINA, SARA, BENEDÍ GONZALEZ, JUANA, SÁNCHEZ MUNIZ, FRANCISCO JOSE. Carob-fruit-extract-enriched meat modulates lipoprotein metabolism and insulin signaling in diabetic rats induced by high-saturated-fat diet. JOURNAL OF FUNCTIONAL FOODS. 2020; 64. na-na. DOI: 10.1016/j.jff.2019.103600. IF: 3,701. (Q1).
- MACHO GONZALEZ, ADRIAN, LÓPEZ-OLIVA MUÑOZ, ELVIRA, Merino, Jose J. , Garcia-Fernandez, Rosa A. , GARCIMARTÍN ÁLVAREZ, ALBA, Redondo-Castillejo, Rocio , BASTIDA CODINA, SARA, SÁNCHEZ MUNIZ, FRANCISCO JOSE, BENEDÍ GONZALEZ, JUANA. Carob fruit extract-enriched meat improves pancreatic beta-cell dysfunction, hepatic insulin signaling and lipogenesis in late-stage type 2 diabetes mellitus model. JOURNAL OF NUTRITIONAL BIOCHEMISTRY. 2020; 84. na-na. DOI: 10.1016/j.jnutbio.2020.108461. IF: 4,873. (Q1).

CLINICAL PRACTICE GUIDELINES

Francisco José Sánchez Muniz, Sara Bastida Codina, Beatriz Sarria Ruíz; Ester Molina Montes y Adrián Macho González (FPU). Los errores del profesor mejoran el aprendizaje del alumno. Proyecto 129. Science Society: Universidad Complutense de Madrid. INNOVA-Docencia (2020).

AWARDS

Researcher aware: Francisco José Sánchez Muniz. Winning work: Trayectoria Personal. Award: World Championship 2019 in Alzheimer's Disease (Food Science) Fellow at Directorate of Alzheimer's Disease, International Agency for Standards and Ratings.

TECHNOLOGY TRANSFER

Efectos comparativos del aceite de oliva virgen extra y del aceite de girasol utilizados en frituras, adicionados o no con taninos condensados, sobre el estatus antioxidante, la integridad de la barrera intestinal y la microbiota colónica de ratas Wistar: Inventor: Francisco J. Sánchez Muniz, Alba Garcimartin Álvarez, Sara Bastida Codina, Juana Benedi González. María Elvira López Oliva. Grupo AFUSAN de referencia 920537.

DOCTORATE THESES

Doctoral candidate: Antonela Abate. Thesis title: Hepatoprotective effect of carob fruit extract rich in proanthocyanidins included in meat in a late-stage t2dm rat model. Director(s): Roberto Mandrioli, Francisco José Sánchez Muniz. University: Bologna. Italia. BIOLOGIA DELLA SALUTE. Nutrizione e Patologie Metaboliche.

Doctoral candidate: Carmen Sobrino. Thesis title: Estudio de utilización del concentrado de complejo protrombínico en un servicio de urgencias. Director(s): Juana Benedi Gonzalez, Jose A Romero Garrido.

Doctoral candidate: Cristina Bilbao Gomez-Martino. Thesis title: Análisis de los medicamentos implicados en errores de conciliación al ingreso hospitalario Director(s): Juana Benedi Gonzalez, Angel Nieto Sanchez.

Doctoral candidate: Isabel Maria Garcia Lopez. Thesis title: Atención Farmacéutica en una Unidad de Hospitalización a Domicilio de Cuidados Paliativos Pediátricos Director(s): Juana Benedi Gonzalez, Margarita Cuervas-Mons Vendrell.

MOBILITY OF RESEARCHER

Research Mobility: Adrian Macho González. EST18/00685. Country: EEUU. Center: Albert Einstein College of Medicine de Nueva York.

Research Mobility: Francisco J. Sánchez Muniz. Country: Mexico. Center: Universidad de Veracruz. Campus de Xalapa.

VISITING RESEARCHER

Visiting researcher: Antonela Abate Country of origin: Italia Centre of origin: Universidad de Bologna. Italia. BIOLOGIA DELLA SALUTE . Nutrizione e Patologie Metaboliche Project: Tesis de Laurea. Máxima Calificación 10 sobre 10. Hepatoprotective effect of carob fruit extract rich in proanthocyanidins included in meat in a late-stage t2dm rat model. Directors: Roberto Mandrioli, Francisco José Sánchez Muniz y Adrián Macho González.

Ciencias Forenses: genética y toxicología forense

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

2

N° OF PAPERS JCR INDEXED

2

CITABLE ITEMS

100%⁽²⁾

Q1 (CITABLE ITEMS)

100%⁽²⁾

D1 (CITABLE ITEMS)

50%⁽¹⁾

CUMULATIVE IF

7,67

AVERAGE IF

3,83



LEADING RESEARCHER

Arroyo Pardo, Eduardo

MEMBERS

Ana María López Parra
 César Lopez Matayoshi
 Claudia Lopes Gomes
 Sara Palomo Díez

OVERVIEW

We use population genetics and molecular tools in the forensic field as follows: 1) genetic identification and kinship, 2) determination of biogeographical origin of human samples through Ancestral Informative Markers (AIMs) and External Visible Characteristics (EVC); and 3) Genetic Polymorphism (P450 cytochrome, etc) in drugs and medicines in present-day populations and toxicology of ethanol. Our group has extensive experience in the study of variability of autosomal markers (Short Tandem Repeats/STRs or Single Nucleotide Polymorphism/SNPs), sex-linked markers (X chromosome), haploid markers (mitochondrial DNA, Y chromosome polymorphisms) and also in the analysis of genetic data through specific software.

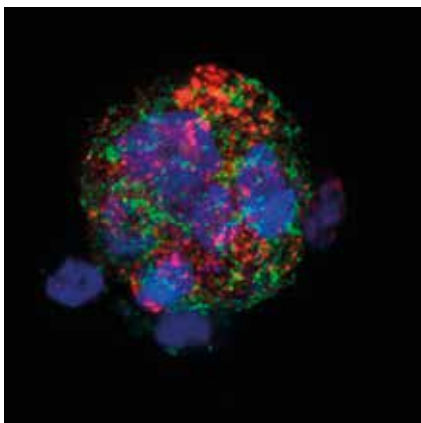
The group has also wide experience in the study of the above mentioned polymorphisms in Low DNA template, both in forensic and in archaeological casework.

SELECTED PUBLICATIONS

- LOPES GOMES, CLAUDIA, David Quintero-Brito, Jose , Martinez-Gomez, Jesus, Pereira, Rui , BAEZA RICHER, CARLOS IGNACIO, Aler Gay, Mercedes , Diez-Juarez, Laura , Palomo-Diez, Sara , Maria Lopez-Parra, Ana , Labajo-Gonzalez, Elena , Jose Esteban-Ramos, Víctor , Perea-Perez, Bernardo , ARROYO PARDO, EDUARDO. Spanish allele and haplotype database for 32 X-chromosome Insertion-Deletion polymorphisms. FORENSIC SCIENCE INTERNATIONAL-GENETICS. 2020; 46. na-na. DOI: 10.1016/j.fsigen.2020.102262. IF: 4,884. (Q1).
- LOPES GOMES, CLAUDIA, Remolins, Gerard , Lopez-Parra, Ana Maria , Gibaja, Juan F. , Fondevila, Maria , De Angelis, Flavio , Veltre, Virginia , Eulalia Subira, M. , BAEZA RICHER, CARLOS IGNACIO, Guerrero, Diana , Palomo-Diez, Sara , Martinez-Labarga, Cristina , Labajo-Gonzalez, Elena , Victoria Lareu, Maria , Perea-Perez, Bernardo , ARROYO PARDO, EDUARDO. Paleogenetic evidence of a Pyrenean Neolithic family: Kinship, physical appearance and biogeography multidisciplinary analysis. JOURNAL OF ARCHAEOLOGICAL SCIENCE. 2020; 123. na-na. DOI: 10.1016/j.jas.2020.105226. IF: 2,787. (Q1).

DOCTORATE THESES

Doctoral candidate: Claudia Lopes Gomes. Thesis title: Investigación de parentesco biológico en muestras críticas
Director(s): Eduardo Arroyo Pardo, Juan Gibaja Bao.
University: Complutense de Madrid.



Chronobiological Molecular Mechanisms

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

2

N° OF PAPERS JCR INDEXED

2

CITABLE ITEMS

50%⁽¹⁾

Q1 (CITABLE ITEMS)

100%⁽¹⁾

CUMULATIVE IF

8,17

AVERAGE IF

4,08



LEADING RESEARCHERS

Fernández Mateos, María Del Pilar
 Jiménez Ortega, Vanesa

MEMBERS

Ana Isabel Esquifino Parras
 Leire Virto
 María Juliana Pérez De Miguelsanz
 María Pilar Cano Barquilla

OVERVIEW

Over the last three decades, our group has described the 24 hours oscillations of different genetic, metabolic, endocrine, immune and neural Wistar rat markers. Those daily patterns of multiple processes are coordinated and synchronized by an endogenous biological clock within the hypothalamus, which orchestrates the homeostasis mainly through the action of peripheral clock genes and chronobiologic hormones, like melatonin. The circadian rhythm of each parameter is defined by an acrophase and amplitude, specific of tissue and the season of sample collection. Different assumptions, such as nutritional alterations (obesity, anorexia, alcohol consumption), aging or inflammatory diseases, can disrupt those variations, affecting the organism homeostasis.

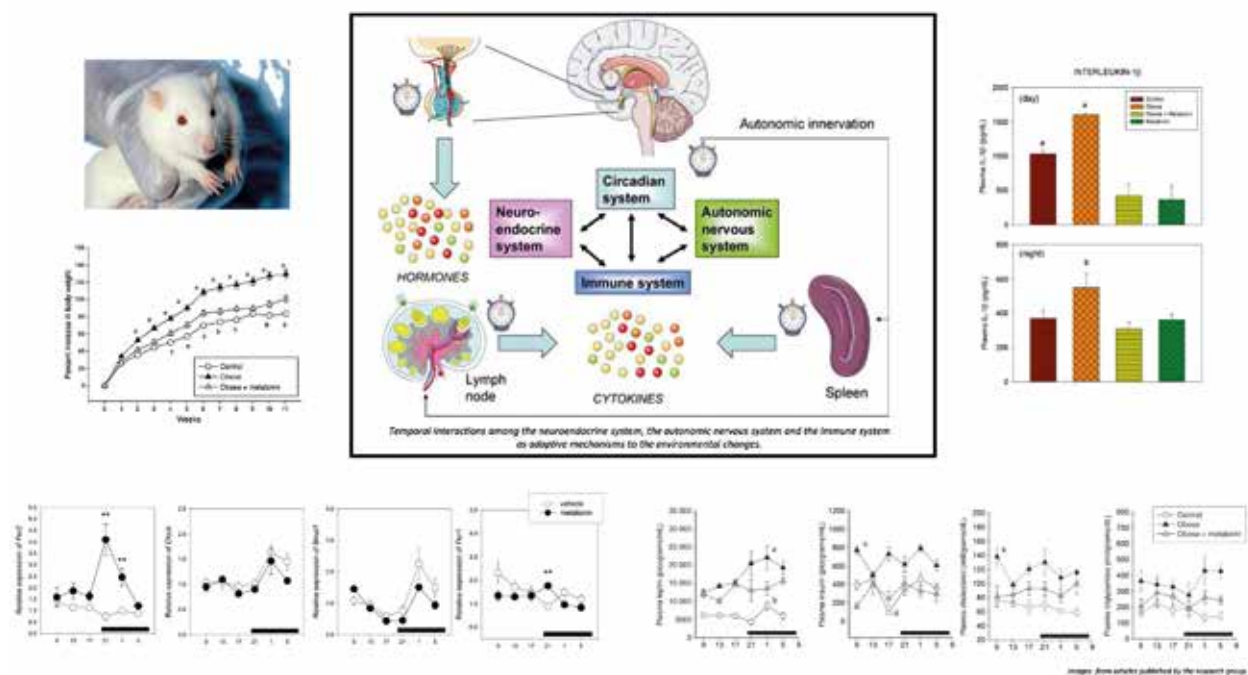
SELECTED PUBLICATIONS

- Fajardo Puig, D. , Retuerta Vilarino, J. J. , CANO BARQUILLA, MARIA PILAR, JIMENEZ ORTEGA, VANESA, FERNANDEZ MATEOS, MARIA DEL PILAR, ESQUIFINO PARRAS, ANA ISABEL, Martinez Picabea, F. J. , Bolado Lopez de Andujar, D. . CLOCK GENES AS TUMOR MARKERS IN COLORRECTAL CANCER. BRITISH JOURNAL OF SURGERY. 2020; 107(1): 19-19. IF: 5,676. (Q1).
- Moreno-Quispe, Luz A. , SERRANO GONZÁLEZ, JAVIER, VIRTO, LEIRE, Sanz, Mariano , Ramirez, Lucia , Fernandez-Castro, Monica , Hernandez, Gonzalo , Lopez-Pintor, Rosa Maria . Association of salivary inflammatory biomarkers with primary Sjogren's syndrome. JOURNAL OF ORAL PATHOLOGY & MEDICINE. 2020; 49(9): 940-947. DOI: 10.1111/jop.13070. IF: 2,495. (Q1).

AWARDS

Researcher aware: LEIRE VIRTO RUIZ. Winning work: TESIS DOCTORAL. Award: Premio extraordinario de Doctorado Facultad de Odontología UCM.

MOLECULAR CHRONOBIOLOGICAL MECHANISMS



Nuclear Physics Techniques and Instrumentation in Biomedicine

SCIENTIFIC PRODUCTION

N° OF PAPERS (WOS)

11

N° OF PAPERS JCR INDEXED

8

CITABLE ITEMS

100%⁽¹¹⁾

Q1 (CITABLE ITEMS)

36%⁽⁴⁾

CUMULATIVE IF

34,22

AVERAGE IF

3,11

LEADING RESEARCHER

Udias Moinelo, José Manuel

MEMBERS

Andrea Espinosa Rodríguez
 Daniel Sánchez Parcerisa
 Joaquín López Herraiz
 Luis Mario Fraile Prieto
 Mailyn Pérez Liva
 Pablo Galve Lamo
 Paula Beatriz Ibañez García
 Samuel España Palomares

OVERVIEW

We are a team of experts in biomedical and biotechnological research with 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 focuses 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.

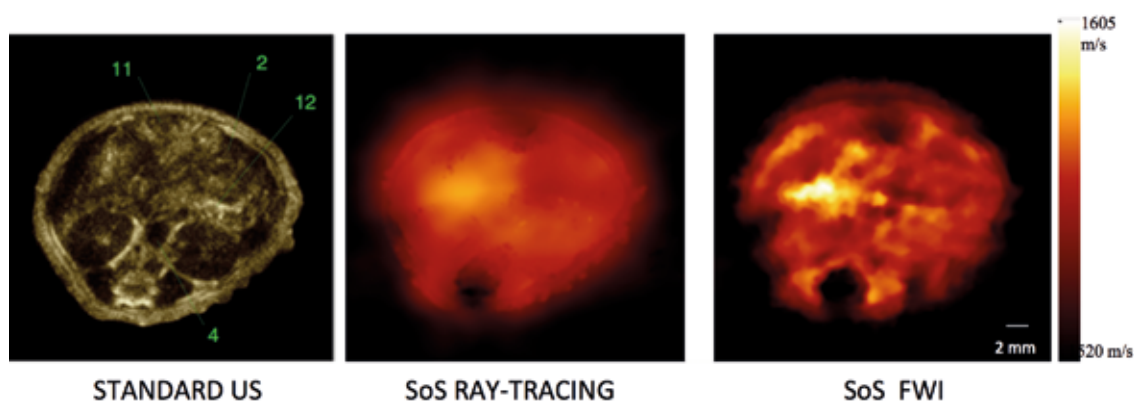


SELECTED PUBLICATIONS

- Perez-Liva, Maily, UDIAS MOINELO, JOSE MANUEL, Camacho, Jorge, Mercep, Elena, Luis Dean-Ben, Xose, Razansky, Daniel, HERRÁIZ MARTÍNEZ, MIGUEL ÁNGEL. Speed of sound ultrasound transmission tomography image reconstruction based on Bezier curves. *Ultrasonics*. 2020; 103. na-na. DOI: 10.1016/j.ultras.2020.106097. IF: 3,065. (Q1).
- Velasco, Carlos, Mota-Cobián, Adriana, Mota, Rubén A, Pellico, Juan, Herranz, Fernando, Galán-Arriola, Carlos, Ibáñez, Borja, Ruiz-Cabello, Jesús, Mateo, Jesús, ESPAÑA PALOMARES, SAMUEL. Quantitative assessment of myocardial blood flow and extracellular volume fraction using ⁶⁸Ga-DOTA-PET: A feasibility and validation study in large animals. *JOURNAL OF NUCLEAR CARDIOLOGY*. 2020; 27(4): 1249-1260. DOI: 10.1007/s12350-019-01694-z. IF: 3,366. (Q1).
- Lafci, Berkan, Mercep, Elena, LOPEZ HERRAIZ, JOAQUIN, Dean-Ben, Xose Luis, Razansky, Daniel. Noninvasive multiparametric characterization of mammary tumors with transmission-reflection optoacoustic ultrasound. *NEOPLASIA*. 2020; 22(12): 770-777. DOI: 10.1016/j.neo.2020.10.008. IF: 5,696. (Q1).

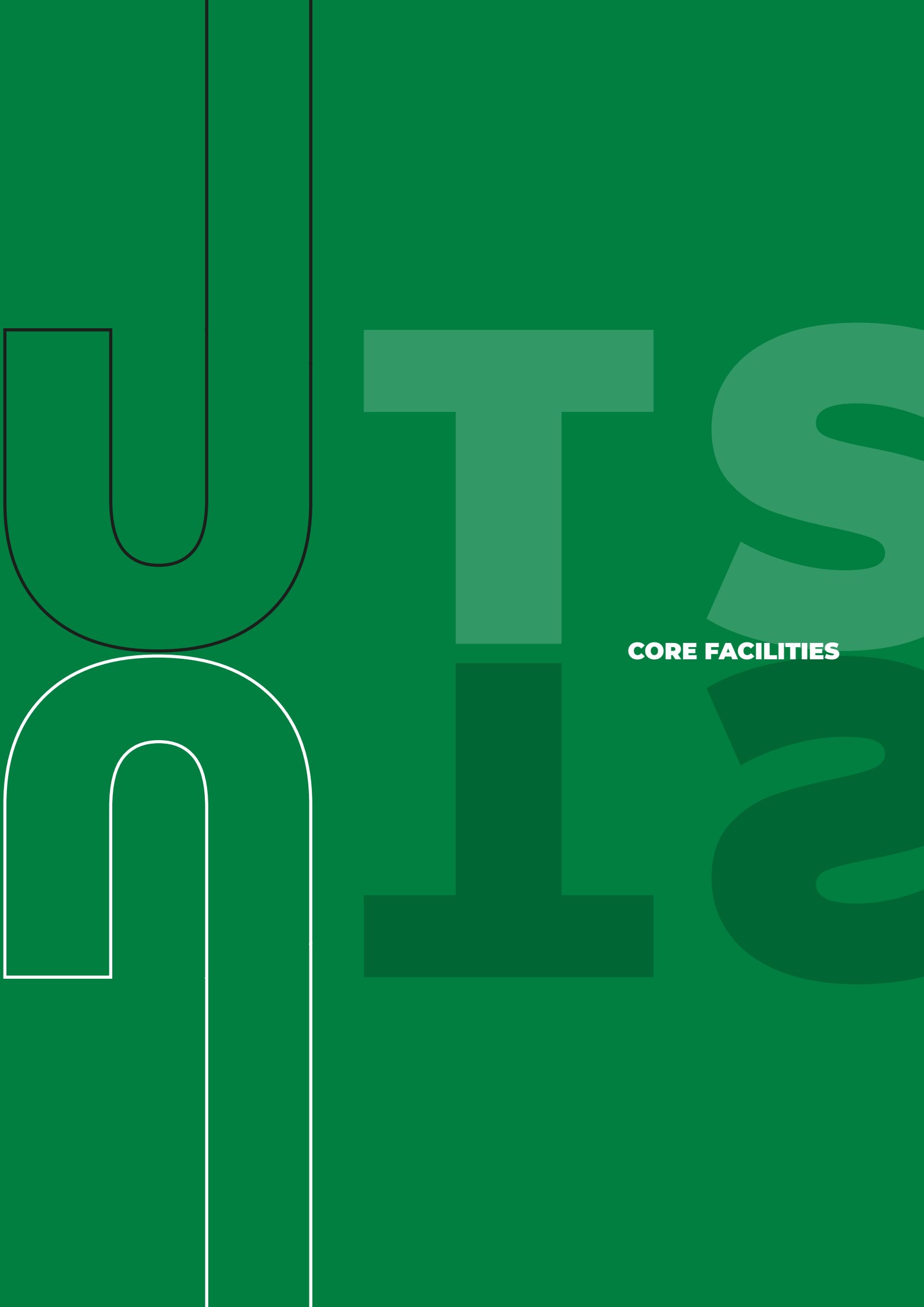
AWARDS

Researcher aware: Joaquin Lopez Herraiz. Winning work: X-COV <http://x-cov.com/>. Award: Hackathon de la UNESCO-IBM-SAP CODE THE CURVE.



Transverse optoacoustic image of a mouse. Left: reflectivity image. Center: conventional speed of sound (SoS) image. Right: full-wave inversion SoS images obtained with a new algorithm developed by the Nuclear Physics Techniques and Instrumentation in Biomedicine group, and licenced to **iThera-Medical**

E. Mercep, J.L. Herraiz et al. Light: Science & Applications (2019)



CORE FACILITIES

UTS.1 UCIF

Flow Cytometry Unit



Coordinator: Dulcenombre Gómez Garre

Members: Ortega Hernández, Adriana
Modrego Martín, Javier

Contact: mgomezgarre@salud.madrid.org / 91 330 300 ext 7036

Services offered:

- ▶ Initial diagnosis, classification, prognostic evaluation and monitoring of diseases based on flow cytometry
- ▶ Technical assistance on sample study for analysis protocol design, antibody screening, processing and data acquisition



ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
ADQUISICIÓN DE MUESTRAS	Dr. Antonio Fernández Ortiz (Servicio Hemodinámica, HCSC)	Uso sin operador: 58 horas
ANÁLISIS DE DATOS	Dr. Antonio Fernández Ortiz (Servicio Hemodinámica, HCSC)	Uso sin operador (Software Kaluza)
ADQUISICIÓN DE MUESTRAS	Dr. Miguel Arquero (Servicio de Inmunología, IdISSC)	Uso sin operador: 1h y 30min
ADQUISICIÓN DE MUESTRAS	Dr. Roberto Álvarez Lafuente (Servicio de Esclerosis Múltiple, IdISSC)	Uso sin operador: 46 horas Uso con operador: 2h y 30min
ANÁLISIS DE DATOS	Dr. Roberto Álvarez Lafuente (Servicio de Esclerosis Múltiple, IdISSC)	Uso sin operador (Software Kaluza)
ADQUISICIÓN DE MUESTRAS	Dr. Juan Carlos Leza, (Dep. de Neuropsicofarmacología, UCM)	Uso con operador: 8 horas
ANÁLISIS DE DATOS	Dr. Juan Carlos Leza, (Dep. de Neuropsicofarmacología, UCM)	Uso con operador: 2 horas
ADQUISICIÓN DE MUESTRAS	Dra. Concepción Núñez y Dra. Elena Urcelay (Servicio de Genética y Enfermedad Autoinmune, IdISSC)	Uso sin operador: 93 horas Uso con operador: 5 horas
ANÁLISIS DE DATOS	Dra. Concepción Núñez y Dra. Elena Urcelay (Servicio de Genética y Enfermedad Autoinmune, IdISSC)	Uso sin operador (Software Infinicyt y Kaluza)
ADQUISICIÓN DE MUESTRAS	Dr. José Martínez Orgado (Servicio de Neonatología, HCSC)	Uso con operador: 2 horas Uso sin operador: 1h y 30min
ANÁLISIS DE DATOS	Dr. José Martínez Orgado (Servicio de Neonatología, HCSC)	Uso sin operador (Software Kaluza)
ADQUISICIÓN DE MUESTRAS	Dra. Dulcenombre Gómez Garre (Lab. de Biología Vascular, IdISSC)	Uso sin operador: 30 horas
ANÁLISIS DE DATOS	Dra. Dulcenombre Gómez Garre (Lab. de Biología Vascular, IdISSC)	Uso sin operador: 10 horas
ADQUISICIÓN DE MUESTRAS	Dra. Vanesa Andrés Guerrero (Servicio de Oftalmología, HCSC)	Uso con operador: 2 horas Uso sin operador: 11 horas
ANÁLISIS DE DATOS	Dra. Vanesa Andrés Guerrero (Servicio de Oftalmología, HCSC)	Uso sin operador (Software Kaluza)
ADQUISICIÓN DE MUESTRAS	Dr. Alberto Ocaña (Servicio de Oncología, IdISSC)	Uso con operador: 5 horas Uso sin operador: 2 horas

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
PROYECTO DE INVESTIGACIÓN	"Valoración del impacto clínico de la disfunción microcirculatoria coronaria a largo plazo en pacientes con cardiopatía isquémica estable y su relación con la enfermedad cerebral de pequeño vaso y la depresión". PIE 16/00043 . Grupo: Lab. Biología Vascular.
PROYECTO DE INVESTIGACIÓN	"Transporte y señalización del lipopolisacárido bacteriano periférico en el Sistema Nervioso Central: un nuevo modelo de interacción neuro-inmune en patología psiquiátrica". SAF2017-85888-R . Grupo: Neuropsicofarmacología.
PROYECTO DE INVESTIGACIÓN	"Estudio de la regulación noradrenérgica del sistema CX3CL1/CX3CR1 y su implicación en la enfermedad de Alzheimer". SAF2017-86620-R . Grupo: Neuropsicofarmacología
PROYECTO DE INVESTIGACIÓN	"Efectos de la administración intravenosa de acetilsalicilato de lisina versus acetil salicilato oral sobre la respuesta plaquetaria en pacientes con un infarto agudo de miocardio con elevación del segmento ST: un estudio farmacodinámico (estudio ECCLIPSE-STEMI)". PI16/00191 . Grupo: Hemodinámica.
PROYECTO DE INVESTIGACIÓN	"GWCR109119 Cannabidiol as a treatment for neonatal inflammation-based cerebral and extra-cerebral diseases". GW Research L.D . Grupo: Servicio de Neonatología
PROYECTO DE INVESTIGACIÓN	"Efficacy of a non-psychoactive cannabinoid in the prevention of cerebral paralysis of hemorrhagic origin in a newly born rat model". Instituto de Salud Carlos III. Grupo: Servicio de Neonatología
PROYECTO DE INVESTIGACIÓN	"Enfermedad celíaca seronegativa: caracterización y búsqueda de biomarcadores. Aplicación al estudio de enfermedad inflamatoria intestinal". PI18/00989 . Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PROYECTO DE INVESTIGACIÓN	"Marcadores de severidad en la evolución de COVID19. 2020. Consejería de Sanidad de la Comunidad de Madrid". Grupo: Laboratorio de Genética y Enfermedad Autoinmune/ Hematología
PROYECTO DE INVESTIGACIÓN	"Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva: correlación con la serología antiviral y niveles de CH3LI". 2019-2020. Fundación Esclerosis Múltiple España - Proyecto MI. Grupo: Laboratorio de Genética y Enfermedad Autoinmune/ Esclerosis Múltiple
PROYECTO DE INVESTIGACIÓN	RED ESPAÑOLA DE ESCLEROSIS MÚLTIPLE. Instituto de Salud Carlos III - Fondo de Investigaciones Sanitarias. 2017-2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune
PROYECTO DE INVESTIGACIÓN	Esclerosis múltiple: de los polimorfismos de riesgo a las rutas implicadas a través del transcriptoma. Instituto de Salud Carlos III - Fondo de Investigaciones Sanitarias. PI16/01259. 2016-2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune
PUBLICACIÓN	"Gamma delta (+) intraepithelial lymphocytes and coeliac lymphogram in a diagnostic approach to coeliac disease in patients with seronegative villous atrophy". Fernández-Bañares F, Crespo L, Núñez C, López-Palacios N, Tristán E, Vivas S, Farras S, Arau B, Vidal J, Roy G, Esteve M. Aliment Pharmacol Ther. 2020 Apr; 51(7):699-705. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PUBLICACIÓN	"Polymorphism Within the MBP Gene Is Associated With a Higher Relapse Number in Male Patients of Multiple Sclerosis". Espino-Paisán L, Agudo-Jiménez T, Rosales-Martínez I, López-Cotarelo P, García-Martínez MÁ, Domínguez-Mozo MI, Pérez-Pérez S, Dieli-Crimi R, Comabella M, Urcelay E, Álvarez-Lafuente R. Front Immunol. 2020 May 5; 11:771. . Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PONENCIAS CONGRESOS	PhDAY 2020 DEL PROGRAMA DE DOCTORADO "INVESTIGACIÓN BIOMÉDICA". Facultad Medicina UCM, Madrid. Octubre 2020. Grupo: Servicio de Neonatología
PONENCIAS CONGRESOS	THE 30TH ANNUAL INTERNATIONAL CANNABINOID RESEARCH SOCIETY SYMPOSIUM ON THE CANNABINOIDS. ICRS Julio 2020. Galway, Irlanda. Grupo: Servicio de Neonatología
PONENCIAS CONGRESOS	ECNP WORKSHOP ON NEUROPSYCHOPHARMACOLOGY FOR EARLY CAREER SCIENTISTS IN EUROPE. Marzo 2020. Niza, Francia. Grupo: Servicio de Neonatología
PONENCIAS CONGRESOS	Multiple sclerosis risk polymorphism in the HHEX gene. Neurogenetics virtual conference. Julio 2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PONENCIAS CONGRESOS	Functional changes associated to the Multiple Sclerosis risk polymorphism in the HHEX gene. European committee for treatment and research in multiple sclerosis. Washington DC. Septiembre 2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PONENCIAS CONGRESOS	Cambios metabólicos asociados a polimorfismos en el gen HHEX en pacientes con esclerosis múltiple. LXXII Congreso de la Sociedad Española de Neurología. Sevilla. Noviembre 2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
PONENCIAS CONGRESOS	El polimorfismo rs12959006 en el gen MBP está asociado con un mayor número de brotes en hombres con esclerosis múltiple. LXXII Congreso de la Sociedad Española de Neurología. Noviembre 2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.
TRABAJO FIN DE MASTER	"Sensibilidad a apoptosis en linfocitos de pacientes con esclerosis múltiple". Sarah Montero Pérez. Máster de investigación en medicina traslacional, Universidad Complutense de Madrid. 2020. Grupo: Laboratorio de Genética y Enfermedad Autoinmune.

UTS.2A LABMIC

Genomics Unit:

Microbiota Laboratory



Coordinator: Dulcenombre Gómez Garre

Members: Ortega Hernández, Adriana
 Modrego Martín, Javier
 Gómez-Gordo Díaz, Rubén

Contact: mgomezgarre@salud.madrid.org / 91 330 300 ext 7036

Services offered:

- ▶ Bacterial DNA extraction
- ▶ Sample preparation, library and sequencing generation of the 16S ribosomal gene through massive sequencing
- ▶ Bioinformatic analysis of bacterial sequencing data
- ▶ Bacterial product quantification in blood and urine
- ▶ Inflammation marker quantification and immune activation
- ▶ Permeability marker quantification of intestinal barrier permeability and bacterial translocation



ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
SECUENCIACIÓN Ion S5	Dr. Miguel Ángel Rubio (Servicio de Endocrinología, HCSC)	20 MUESTRAS
RECOGIDA MUESTRAS PARA SECUENCIACIÓN	Dr. Javier Escaned (Servicio de Cardiología, HCSC)	30 MUESTRAS
RECOGIDA DE MUESTRAS Y SECUENCIACIÓN Ion S5	Dra. Dulcenombre Gómez Garre (Lab. Biología Vascular, IdISSC)	15 MUESTRAS
SECUENCIACIÓN Ion S5	Dra. María Linares Gómez (Hospital 12 de Octubre)	28 MUESTRAS

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
PROYECTO DE INVESTIGACIÓN	"Metabolismo de los ácidos biliares en cirugía bariátrica con diferentes grados de malabsorción y su modulación sobre la microbiota". IP: Dr. Miguel Ángel Rubio. ISCIII PI16/01655 . Grupo: Endocrinología, IdISSC
PROYECTO DE INVESTIGACIÓN	"Valoración del impacto clínico de la disfunción microcirculatoria coronaria a largo plazo en pacientes con cardiopatía isquémica estable y su relación con la enfermedad cerebral de pequeño vaso y la depresión". IP: Dr. Javier Escaned. ISCIII PIE 16/00043 . Grupo: Cardiología, IdISSC
PROYECTO DE INVESTIGACIÓN	"Identificación de un perfil de microbiota intestinal asociado al riesgo de desarrollo de aterosclerosis coronaria en sujetos sin enfermedad cardiovascular previa". IP: Dra. Dulcenombre Gómez Garre, Sociedad Española de Arteriosclerosis (SEA), DGG.F01SEA . Grupo: Lab. Biología Vascular y Microbiota, IdISSC
PROYECTO DE INVESTIGACIÓN	"Estudio prospectivo multidisciplinar de nuevos indicadores fenotípicos y pronósticos en pacientes con insuficiencia cardíaca de debut". IP: Dra. Dulcenombre Gómez Garre. ISCIII CB16/11/00458 . Grupo: Lab. Biología Vascular y Microbiota, IdISSC
PROYECTO DE INVESTIGACIÓN	"Evaluación integral de la calidad del aire urbano y cambio climático (AIRTEC.CM)". Coordinador: Rafael Borge. IP HCSC: Dra. Dulcenombre Gómez Garre. Comunidad de Madrid P2018/EMT-4329 . Grupo: Lab. Biología Vascular y Microbiota, IdISSC
PROYECTO DE INVESTIGACIÓN	"DiabetesCancerConnect: Targeting common inflammatory markers and signaling pathways in diabetes mellitus and cancer". IP: Prof. Jesús Egido ISCIII PIE13/00051 . Grupo: Laboratorio de Nefrología, Patología Vascular, Hipertensión y Diabetes- Fundación Jiménez Díaz

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
PONENCIA CONGRESO	"Estudio de la composición de la microbiota intestinal como predictor del desarrollo de insuficiencia cardíaca asociado a hipertensión". Workshop Sociedad Española de Microbiota, Probióticos y Prebióticos, SEMiPyP . Granada. 2020. Grupo: Lab. Biología Vascular y Microbiota, IdISSC
CHARLA	Microbiota y disbiosis: ¿Qué es lo normal y lo patológico? Dra. Dulcenombre Gómez Garre. Jornada Universitaria Microbiota, nutrición y salud , Facultad de Medicina, UCM, 22 de enero de 2020. Grupo: Lab. Biología Vascular y Microbiota, IdISSC
CHARLA	Alteración de la microbiota: ¿Qué es lo normal y lo patológico? Dra. Dulcenombre Gómez Garre. XXIV Jornadas Internacionales Nutrición Práctica . 12 y 13 de febrero de 2020. Grupo: Lab. Biología Vascular y Microbiota, IdISSC
DOCENCIA	Curso de formación online de la Sociedad Española de Microbiología: "Microbioma humano: su implicación en salud". Sociedad Española de Microbiología . Grupo: Lab. Biología Vascular y Microbiota, IdISSC
DOCENCIA	Asignatura transversal: El Microbioma humano: ¿Un ecosistema para toda la vida? Facultad de Medicina, UAM. Curso 2020/2021. Dra. Dulcenombre Gómez Garre. Grupo: Lab. Biología Vascular y Microbiota, IdISSC
CONFERENCIA	Conferencia Inaugural: Actualidad en microbiota, perspectivas de futuro. Dra. Dulcenombre Gómez Garre. XIII Jornadas de la AMECLM y IX Jornada Canaria de Medicina Estética . 23 de octubre de 2020. Grupo: Lab. Biología Vascular y Microbiota, IdISSC
PUBLICACIÓN	"Gut Microbiota Profile Identifies Transition From Compensated Cardiac Hypertrophy to Heart Failure in Hypertensive Rats". Hypertension . 2020;76:1545-1554. Grupo: Laboratorio de Biología Vascular y Microbiota, IdISSC.
PUBLICACIÓN	"The Interaction between Mitochondrial Oxidative Stress and Gut Microbiota in the Cardiometabolic Consequences in Diet-Induced Obese Rats". Antioxidants 2020;9:640. Grupo: Laboratorio de Biología Vascular y Microbiota, IdISSC.
TRABAJO FIN DE MÁSTER	Nina Isabela Padrón Esaa. "Impacto de la dieta sobre la composición de la microbiota intestinal y alteraciones metabólicas. Revisión crítica y metaanálisis". UCM. 2020. Calificación: 9,6. Grupo: Laboratorio de Biología Vascular y Microbiota, IdISSC.
TRABAJO FIN DE GRADO	Claudia Arcega Baraza. "Estudio de la relación inflamación y microbiota intestinal en pacientes con insuficiencia cardíaca de debut". UCM. 2020. Calificación: 8,6. Grupo: Laboratorio de Biología Vascular y Microbiota, IdISSC
EDITOR INVITADO	Special Issue "Gut Microbiota in Disease and Health" in International Journal of Molecular Sciences (Q1)

UTS.2B LABGEN

Genomics Unit: Genomics and Microarrays Laboratory



Hospital Clínico San Carlos

UNIDAD DE GENÓMICA:
LABORATORIO DE GENÓMICA
Y MICROARRAYSNº Registro: **325****Coordinator:** Beatriz Pérez-Villamil**Members:** Paz Cabezas, Mateo
Calvo López, Tania**Contact:** bperezvillamil.hcsc@salud.madrid.org / 91 330 0000 (Ext. 7901)

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		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Análisis de resultados de expresión mediante microarrays	S. Oncología Médica	Uso de la plataforma GeneSpring y el paquete lima (R-Bioconductor) para el estudio de expresión diferencial.
Control de calidad de librerías para NGS y para otras metodologías mediante el Bioanalyzer	S. Oncología Médica	Selección de muestras aptas para NGS y para otras metodologías
Determinación de biomarcadores en tejido parafinado mediante Tissue microarrays.	S. Oncología Médica. Colaboración S. de Anatomía Patológica	Proyecto: "Expresión de Activina como biomarcador de activación de TGF- β en cáncer colorrectal; asociación a supervivencia y a subtipos moleculares"
Análisis mediante NGS de genes implicados en la ruta TGF-B	S. Oncología Médica	Proyecto en colaboración con Merck SL. Diseño de un custom panel de NGS.
Análisis estadísticos y de supervivencia para comunicaciones en congreso y revistas indexadas.	S. Oncología Médica	Estadística descriptiva, T-tests, log-rank.
Análisis multivariantes para predicciones de factores de riesgo en pacientes COVID.	S. Oncología Médica	Análisis de regresión univariante y multivariante, cálculo de AUC. Proyecto HOPES.
Desarrollo de sistemas de captura automática de datos para la integración del desarrollo de ensayos clínicos en el entorno RedCap.	S. Oncología Médica	Captura de datos de investigación clínica. Integración de sistemas de trabajo en RedCap
Desarrollo de bases de datos para proyectos de investigación traslacional y asesoramiento en el manejo de datos con RedCap.	S. Oncología Médica, Unidad de Innovación, Unidad de enfermería.	Asesoramiento en el diseño y posterior despliegue de bases de datos para proyectos de investigación multicéntricos.
Desarrollo de bases de datos para registro de pacientes COVID en oncología médica y análisis de resultados	S. Oncología Médica	Desarrollo del proyecto ONCOVID para el estudio de factores de riesgo en pacientes Oncológicos con COVID.

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Poster destacado SEOM	Desarrollo de un sistema de captura y análisis de datos de ensayo clínico en el ámbito hospitalario basado en herramientas de libre acceso. Perez-Segura P. San Segundo R., Del rey Mejias A. Paz-Cabezas M.
Artículo publicado	Fuentes-Antrás J, Manzano A, Marquina G, Paz M, Aguado C, Granja M, Benítez J, Ortega J, Priego A, González C, Tejerina-Peces J, Flores P, de Sa AL, Toledano C, Olalla J, de Luna A, Bartolomé J, Pérez-Segura P. A snapshot of COVID-19 infection in patients with solid tumors. Int J Cancer. 2020 Dec 3;10.1002/ijc.33420. doi: 10.1002/ijc.33420. Epub ahead of print. PMID: 33270902; PMCID: PMC7753395.
Curso eitHealth Up -rAHISe	"Upskilling professionals for efficient and fast adoption of innovation in Health care Settings" en colaboración con la Ud de Innovación.
Elaboración de artículo (Artículo en Revisión)	Molecular classification of colorectal cancer by microRNA profiling. Correlation with the consensus molecular subtypes and functional validation of miR-30b. Colorectal cancer tumour subtypes by miR profiling. Mateo Paz-Cabezas*, Tania Calvo-Lopez*, Alejandro Romera-Lopez, Daniel Tabas-Madrid, Ruben Nogales-Cadenas, Jesus Ogando, Maria-Jesus Fernandez-Aceñero, Javier Sastre, Alberto Pascual-Montano, Santos Mañes, Eduardo Diaz-Rubio, Beatriz Perez-Villamil *Equal contributors.
Elaboración de artículo	Association of miR-21 and miR-335 to microsatellite instability in stage III colorectal cancer. Correlation of miRNA expression with prognosis. MicroRNA prognostic value. Tania Calvo-López*, Mateo Paz-Cabezas*, Patricia , Maria Dolores Ibañez-Rollo, Javier Sastre, E. Diaz-Rubio, B. Perez-Villamil *Equal contributors.
Application to ERA PerMed Joint Transnational Call 2020 MIRCOLOTYPE. ERA PERMED2020-224	Molecular subtyping in colorectal cancer by miRNA profiling. Identification of circulating miRNAs to generate a liquid biopsy assay. Project coordinator: Beatriz Perez-Villamil, IdISSC, Hospital Universitario Clinico San Carlos, Spain ISCIII/FCAECC. Project partner: David Hughes University College Dublin Ireland Health Research Board, (HRB). Project partner: Alessio Gordon Naccarati Candiolo Cancer Institute, Fondazione del Piemonte per l'Oncologia (FPO) – IRCCS Italy Italian Ministry of Health, (ITMoH). Project partner: Jordi Camps IDIBAPS Spain Health Department –Generalitat de Catalunya, (DSCAT)

UTS.2C LABONC

Genomics Unit: Oncology Laboratory



Coordinators: Trinidad Caldes Llopis
Guillermo Velasco Díez

Members: Garre Rubio, Pilar
De La Hoya Mantecón, Miguel
García Barberan, Vanesa
Bando Polaino, Inmaculada
Llovet Rodríguez, Patricia María
Diaque García, Paula
Lorca Castellanos, Víctor
Gómez Sanz, Alicia
Colmena García, Marta

Contact: gvd@bbm1.ucm.es / 91 330 33 486

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
- Studies of microsatellites, sequencing, HRM, fragments, etc.
- DNA, RNA, cDNA purification from blood, paraffin-embedded tissues and tumors, digital PCR, NGS
- Circulating tumor cell detection

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Estudio de mutaciones germinales y grandes reordenamientos en BRCA1 y BRCA2.	GRAN CANARIA (N=72)	BRCA1/2 (cáncer hereditario)
Estudio de mutaciones BRCA1 y BRCA2 (centro de referencia ID.BRCA)	ASTRAZENECA (N=1058)	NGS BRCA1/2 tejido parafinado (cáncer de ovario)
Estudio de mutaciones KRAS, NRAS, BRAF (centro de referencia PrecisaRas)	MERK KRAS (N=512) NRAS, BRAF (N=268)	Cáncer colorrectal (CCR)
Estudio de mutaciones en KRAS (centro de referencia NK-RAS)	Amgen KRAS (N=376) NRAS, BRAF (N=183)	CCR
Estudio de mutaciones en KRAS, NRAS y BRAF en biopsia líquida (centro de referencia PrecisaRas)	MERCK KRAS (N=58) NRAS, BRAF (N=39)	CCR
Estudio de mutaciones BRAF en tejido	Novartis N=38	Melanoma, tiroides, endometrio, metástasis pulmón

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
DOCENCIA	Formación de residentes de las especialidades de Análisis Clínicos, Bioquímica Clínica y Oncología (residentes del HCSC y de otros hospitales) Rotación de 2-3 meses en total 9 residentes
	Estudiantes de tesis doctorales
	Master Bioquímica, Biología Molecular y Biomedicina, UCM
	Master Biología Sanitaria, UCM
	Master Análisis Sanitarios, UCM
	Master Investigación Medicina Traslacional, UCM
SEMINARIOS	Desarrollo de seminarios de Investigación en Oncología traslacional

UTS.2D LABINMUNO

Genomics Unit: Immunogenetics and Sequencing Laboratory



Hospital Clínico San Carlos

UNIDAD DE GENÓMICA:
LABORATORIO DE INMUNOGENÉTICA
Y SECUENCIACIÓN

- Coordinator:** Dr. Miguel Fernández Arquero
- Members:** Fernández Paredes, Lidia
- Contact:** mfarquero@salud.madrid.org / 91 330 33 47/46
- Services offered:**
- ▶ Genome Sequencing
 - ▶ Fragment analysis
 - ▶ Microsatellite genetic studies
 - ▶ Genetic marker studies through real-time PCR
 - ▶ Gene expression studies
 - ▶ Other genomic studies



UTS.3 UMECE

Experimental Surgery and Medicine Unit: (Animal facilities, Laboratories y Operating rooms)



Hospital Clínico San Carlos

UNIDAD DE MEDICINA
Y CIRUGÍA EXPERIMENTAL

Coordinator: Dr. Pablo Antonio González López

Members: Rodríguez-Bobada González del Campo, María Cruz
Quesada Manzano, Patricia
Peón Ruiz, Paloma
García Uceda, Israel

Contact: pabloantonio.gonzalez@salud.madrid.org / 91 330 34 34

Services offered:

- ▶ Surgical facilities
- ▶ Animal facilities
- ▶ Comprehensive support

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Efecto neuroprotector del cannabidiol en un modelo de infarto cerebral arterial isquémico (STROKE) neonatal en rata IP José Martínez-Orgado Proex 172/14	HCSC	Bienestar animal y cuidado de los animales.
Efecto protector del Canabidiol tras daño cerebral hipóxico-isquémico neonatal en diferentes especies de roedores. IP: Martínez Orgado Proex 174/14	HCSC	Bienestar animal y cuidado de los animales, anestesia y analgesia
Comparación de catéteres de nueva generación en la ablación de seno coronario y arteria aorta para el tratamiento de Fibrilación Auricular. IP: David Filgueras. Proex 050/15	HCSC	Bienestar animal y cuidado de los animales, anestesia y analgesia y revisiones postquirúrgicas de los animales
Nueva vacuna antineoplásica basada en el carbohidrato tumoral Ca10 (Ca10-VAX). IP Fernández Arquero. Proex 386/15.	HCSC	Bienestar animal y cuidado de los animales.
Desarrollo de vacunas sublinguales con efecto inmunomodulador. IP: Fernández Arquero. Proex 151/16	HCSC	Bienestar animal y cuidado de los animales.
Eficacia del cannabidiol en la prevención de la parálisis cerebral de origen hemorrágico neonatal". IP Martínez Orgado.	HCSC	Bienestar animal y cuidado de los animales.

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Modelo experimental porcino de fibrilación ventricular con parada cardiorrespiratoria reversible con mantenimiento en hipotermia para el estudio de marcadores de inflamación, de actividad cerebral y de apoptosis. IP: Pablo Antonio González. Proex 125/17.	HCSC	Bienestar animal y cuidado de los animales, anestesia, cirugías, analgesia y revisiones postquirúrgicas de los animales.
Inanolasone: implantes nanoestructurados modificados vía plasma avanzado para mejorar la integración en hueso mandibular. IP: Ana Civantos y M ^a Cruz Rodríguez-Bobada. Proex 195/19	HCSC	Bienestar animal y cuidado de los animales, anestesia, cirugías, analgesia y revisiones postquirúrgicas de los animales.
Efecto de un fármaco cannabinoide para tratar el dolor en ratas neonatas. IP: José Martínez Orgado. Proex 181/19	HCSC	Bienestar animal y cuidado de los animales.
Estudio de reparación de lesiones crónicas del manguito rotador mediante cel. Madre mesenquimales de origen humano. IP: Yaiza Lópiz. Proex: 198/18	HCSC	Bienestar animal, cuidado de los animales, anestesia, analgesia y revisiones postquirúrgicas
ENTRENAMIENTO EN RATÓN PARA REALIZAR ENSAYO PRECLÍNICO. IP: M ^a Cruz Rodríguez-Bobada. Proex 247/19	HCSC	Bienestar animal, cuidado de los animales, anestesia, analgesia, procedimientos y revisiones postquirúrgicas
Administración Intranasal de Biohíbridos de Hidrogeles con Células como Estrategia para Promover la Remielinización en Modelos Experimentales de Esclerosis Múltiple. Enfoque Preclínico. IP: Ulises Gómez Pinedo. Proex 49.6.20	HCSC	Bienestar animal y cuidado de los animales
ESTUDIO DE SEGURIDAD Y EFICACIA PRELIMINAR DEL MEDICAMENTO HCO45 (principio activo células HC016) EN UN MODELO EXPERIMENTAL DE INCONTINENCIA URINARIA. IP: Ulises Gómez Pinedo. Proex 200.4/20	HCSC	Bienestar animal y cuidado de los animales
"Deciphering the causal role of lipid metabolic alterations in Frontotemporal Dementia and Amyotrophic Lateral Sclerosis spectrum disorders". IP: Silvia Corrochano. Proex 258.4/20	HCSC	Bienestar animal, cuidado, Sexado y genotipado de animales modificados genéticamente
Investigación en modelos de ratón de la esclerosis lateral amiotrofia (ELA) y la Demencia Fronto-Temporal (DFT) el efecto protector de alto índice de masa corporal y las alteraciones del metabolismo de las grasas. IP: Silvia Corrochano. Proex 41.7/20	HCSC	Bienestar animal, cuidado, Sexado y genotipado de animales modificados genéticamente
Efecto de un fármaco cannabinoide para tratar el dolor en ratas neonatas. IP: Martínez Orgado. Proex 181/19	HCSC	Bienestar animal y cuidado de los animales

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Esterilización	Esterilización del material y vestimenta usados en SALA BLANCA
Esterilización	Material de laboratorios de la UNIDAD y otras UTS
Control de las Salas de Congeladores de -80°C	Control de las temperaturas de las salas situadas en el sótano SUR mediante el programa SIRIUS. Control de alarmas de congeladores
Prácticas de capacitación para manejar animales de experimentación	Prácticas de manejo y realización de procedimientos para manipular animales con fines científicos y obtención de capacitación en las funciones a,b,c
Asesorías	para el diseño de proyectos y procedimientos con animales de experimentación
Miembros Comité Ético de Experimentación animal y Órgano Habilitado	Evaluación de proyectos y procedimientos en los que son utilizados animales utilizados con fines científicos o de experimentación.
Acreditación de centro usuario para Organismos Modificados Genéticamente	Diseño del proyecto para acreditar la unidad como centro usuario para organismos modificados genéticamente (OGM).
Adquisición de racks autoventilados de ratón.	Racks utilizados para albergar ratones, manteniendo un control de la temperatura y la humedad en cada jaula de forma independiente.

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Estanterías para la cámara fría	Utilizadas para una mejor gestión de la cámara fría utilizada por los diferentes laboratorios de la unidad.
Adquisición de Otoscopio para la intubación endotraqueal	Aparato utilizado para la intubación endotraqueal de ratas y mantener una correcta anestesia
Adquisición de aparato de anestesia portátil	Aparato portátil utilizado para anestesiarse en la sala de necropsia y Organismos Modificados Genéticamente
Adquisición de identificador de ratones	Alicate utilizado para identificar a los ratones mediante muescas en las orejas
Acondicionamiento de sala para Organismos Modificados Genéticamente(OGM)	Control de acceso con tarjeta en sala OGM, instalación de suelo seipolán y pintura plástica.
Adquisición de taquillas fenólicas	Taquillas para el personal de los laboratorios.
Adquisición de Jaulas de repuesto	Jaulas de repuesto para ratas y jaulas de repuesto para los rack autoventilados
Actualización de normas de la UMECE	Actualización de las normas para la utilización de los laboratorios, animalario y quirófanos

UTS.4 UAMI

Methodological Support Unit



Coordinator: Manuel Fuentes Ferrer

Members: Fernández Pérez, Cristina
 Del Prado González, Náyade
 Serrano García, Irene
 Davila Merizalbe, Karina

Contact: uami@idissc.org / 91 330 30 00 ext 7319

Services offered:

- ▶ Methodological counseling on protocol preparation, bibliographic searches, scientific communications, critical reading of research articles and database design, management and implementation
- ▶ Consulting and statistical use of databases
- ▶ Training in scientific research

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Asesoramiento metodológico relativo a protocolos de investigación	HCSC, IdISSC	Diseño y elaboración de aspectos metodológicos de protocolos de investigación. Estimación de tamaño muestral/ En 2020 se ha realizado asesoramiento metodológico y/o evaluación de memorias científicas enviadas a convocatorias competitivas (83) en un total de 109 proyectos.
Asesoramiento metodológico en realización de búsquedas bibliográficas	HCSC, IdISSC	Actividades de formación en el uso de las principales bases de datos de búsquedas bibliográficas.
Asesoramiento en la elaboración de comunicaciones científicas	HCSC, IdISSC	Elaboración de textos de resultados científicos (incluidos gráficos y tablas) para publicaciones, comunicaciones (orales o escritas), tesis, etc/ En 2020 se ha realizado asesoramiento estadístico en 61 comunicaciones científicas.
Asesoramiento en la lectura crítica de artículos científicos	HCSC, IdISSC	Asesoramiento en la lectura crítica e interpretación de los artículos científicos publicados. Realización de actividades de formación sobre este tema.
Asesoramiento en el diseño, manejo y realización de bases de datos.	HCSC, IdISSC	Actividades relacionadas con el diseño, manejo (ACCESS, EXCEL, SPSS, STATA) implementación y explotación de bases de datos con propósitos de investigación y/o al almacenamiento y consulta de datos. / En 2020 se han realizado un total de 61 asesoramientos en diseño y realización de bases de datos.
Explotación estadística de bases de datos	HCSC, IdISSC	Explotación de bases de datos para actividades de investigación: depuración y fusión de bases de datos, estudios descriptivos, análisis univariado, técnicas de análisis multivariado, análisis estudios longitudinales, validación de cuestionarios, etc / En 2020 se han realizado un total de 194 asesoramientos en análisis estadísticos.
Formación en investigación científica	HCSC, IdISSC	Participación en las actividades de formación continuada del HCSC en epidemiología clínica y metodología de la investigación, mediante la realización cursos y sesiones de metodología de la investigación, diseño epidemiológico, cursos de comunicación en investigación médica, búsquedas bibliográficas, estadística e informática. / En 2020 la UAMI ha participado en 2 cursos de formación.
HCSC: La práctica totalidad de los Servicios y Unidades de Gestión Clínica; IdISSC: investigadores y personal adjunto al instituto de investigación sanitaria San Carlos.		

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Cursos Impartidos	Análisis estadístico con R y RStudio: 20 horas del 09/11/2020 al 18/11/2020. 25 alumnos. Formato online. Evaluación de Diagnóstico de Imagen: 8 horas del 06/10/2020 al 27/10/2020. 29 alumnos. Formato online.
Sesiones Impartidas	Aspectos metodológico claves en un protocolo de investigación para solicitud de financiación. Instituto de Investigación Sanitaria del Hospital Clínico San Carlos (IdISSC). Duración. 1 hora.
Publicaciones	Nº Publicaciones: 44 Factor Impacto Total: 148,91 Factor Impacto Medio: 3,55 Porcentaje Q1:38,64% & Q2: = 15,91%
Proyectos	Participación en 4 proyectos de financiación pública o privada activos en el año 2020
Registro actividad unidad UMIEC	Un total de 393 consultas de estudios nuevos durante el año 2020 (61 comunicaciones a congresos (ponencias, poster), 137 publicaciones artículos científicos, 109 proyectos, 25 suficiencias investigadoras (TFG/TFM), 40 tesis, y 21 otros). Número total de consultas sucesivas 727.
Unidad de apoyo a comités éticos de investigación y de coordinación de ensayos clínicos (UACE)	Participación de dos miembros de la UAMI, como vocal y colaborador, en la evaluación de proyectos de la UACE. Número de proyectos en 2020: 329.

UTS.5 BIOBANCO

Biobank


 Hospital Clínico San Carlos
BIOBANCO

 Quality Certification
 ISO 9001:2015
 (October 2019)

Coordinator: Luis Ortega Medina

Members: Elena Molina Roldán.
 Noelia Paredes Díaz
 Eneidi Marian Birriel Colán

Contact: biobanco@idissc.org / 91 330 3032

Services offered:

1. 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
2. Transfer of samples with research purposes
3. Security, Certification process quality for ISO 9001:2015



ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Gestión global de cesiones de hasta de 25 muestras.	Interno	Cesión de muestras 20001/ 10 cortes a 7 mm de 23 donantes/ Patología oncológica
Gestión global de cesiones más de 25 muestras	Interno	Cesión de muestras 20002/ 80 casos sangre control En vigor. Patología Oncológica
Gestión global de cesiones más de 25 muestras	Interno	Cesión de muestras 20003/ 40 donantes de tejido en fresco y sangre EDTA. Patología Oncológica
Gestión global de cesiones más de 25 muestras	Externo	Cesión de muestras 20004/ Realización de 2 TA/ Cortes histológicos de TA/ Tinción histológica HE/ 21 donantes/ Patología Oncológica .
Gestión global de cesiones más de 25 muestras	Interno	Cesión de muestras 20005/ 100 donantes de tejido en fresco, líquido ascítico y sangre EDTA. Patología Oncológica
Gestión global de cesiones de hasta de 25 muestras.	Externo	Cesión de muestras 20006/ 2 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Externo	Cesión de muestras 20007/ 637 donantes/ Derivado hemático COVID-19
Gestión global de cesiones de hasta de 25 muestras.	Interno	Cesión de muestras 20008/ 3 donantes/ Cortes de tejido parafinado/ Patología Oncológica
Gestión global de cesiones más de 25 muestras.	Externo	Cesión de muestras 20009/ 135 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Interno	Cesión de muestras 20010/ 57 donantes/ Cortes de tejido parafinado/(En vigor) Patología Oncológica
Gestión global de cesiones más de 25 muestras.	Externo	Cesión de muestras 20011/ 281 donantes/ Derivado hemático COVID-19
Gestión global de cesiones de hasta de 25 muestras.	Externo	Cesión de muestras 20012/ 20 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20013/ 204 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20014/ 120 donantes/ Derivado hemático COVID-19

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20015/ 143 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20016/ 261 donantes/ Derivado hemático COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20017/ 100 donantes/ Exudado nasofaríngeo/ COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20018/ 104 donantes Sueros/ 7 exudados nasofaríngeos/ COVID-19
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20019/ 1047 Donantes de ADN/ Enfermedades autoinmunes
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20020/ 60 Donantes/ Cortes de tejido congelado/(En vigor) Patología Oncológica
Gestión global de cesiones más de 25 muestras.	Internos	Cesión de muestras 20021/ 590 Donantes/ Derivado hemático COVID-19
Gestión global de cesiones de hasta de 25 muestras.	Internos	Cesión de muestras 20022/ 2 Donantes/ Derivado hemático COVID-19

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Proyecto 20/253-E_BioBanco	Proyecto para la creación de una colección de muestras biológicas en el Biobanco del Instituto de Investigación Sanitario del Hospital Clínico San Carlos (IdISSC) procedentes de las muestras del Instituto de Medicina de Laboratorio utilizadas para el diagnóstico y seguimiento de pacientes con COVID-19 " (2021/04/01).
Enmienda 20/253-E_BioBanco_COVID	Enmienda que afecta a los criterios de recogida (2020/05/215)
Participación en los controles de calidad organizado por la RNBB	Los controles de calidad realizados a muestras de ADN, tejido congelado en OCT y tejido congelado informan de un resultado óptimo de los tres controles (2020/06/01)
Modificación de la Hoja de información al Paciente y Consentimiento Informado (CI) de Biobanco	Se incluye en el CI de Biobanco la opción para el donante de la revocación con una respuesta voleada (2020/11/16). En proceso de publicación
Formación	Durante el 2020 la Red Nacional de Biobancos (RNBB) organizó 18 sesiones informativas donde se trataron aspectos muy diversos del COVID-19 (tipos de muestras, procesamiento, seguridad biológica...) (abril-julio 2020)
Formación	Asistencia European Research Infrastructure for Biobanking and Biomolecular Resources (BBMRI-ERIC): "Biobanking in Times of COVID-19, Pre-analytical Procedures". (2020/07/04)
Formación	Asistencia International Society For Biological and Environmental Repositories (ISBER). "COVID-19 Challenges Survey" (2020/04/19)
Formación	Asistencia International Society For Biological and Environmental Repositories (ISBER). The COVID-19 Impact Part 1: Preparedness and Response Across Indo-Pacific Rim and China (2020/05/13)
Formación	Asistencia International Society For Biological and Environmental Repositories (ISBER). "Biobanking in the COVID-19 Era: How Early Experiences can Translate into Actionable Wisdom" (2020/06/08).
Formación	Jornada de cualificación de Expertos Técnicos ENAC ISO 20387 para el área de Biobancos
Formación	BIOÉTICA 2020. VIII Jornadas Virtuales De Aspectos Éticos De La Investigación Biomédica. Retos de la nueva normalidad: la investigación y los CEI en tiempos de pandemia
Proyecto 20/751-E	Proyecto colaborativo para la incorporación del corte de tejidos parafinado desde el archivo de anatomía patológica (2020/11/18)

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Incorporación de muestras al Biobanco	10 214 muestras incorporadas en el software de Biobancos. De estas 7 222 de muestras COVID-19
Muestras cedidas por el Biobanco	3 757 muestras, de estas 2 579 muestras COVID-19.
Artículos menciona al Biobanco	"The Clinical Significance of PIWIL3 and PIWIL4 Expression in Pancreatic Cancer" doi:10.3390/jcm9051252 "Categorías diagnósticas y resultados a corto plazo en los pacientes con sospecha de COVID-19 atendidos en un servicio de urgencias" Emergencias 2020;32:00-00 "Identification of tumor-associated antigens with diagnostic ability of colorectal cancer by in-depth immunomic and seroproteomic analysis" doi.org/10.1016/j.jprot.2020.103635 "Abnormal Dendritic Cell-poiesis in Patients With over-risk Myelodysplastic Syndromes" HemaSphere (202) 4:1

UTS.6 UI

Innovation

Support Unit



Hospital Clínico San Carlos

UI | UNIDAD DE INNOVACIÓN



Coordinator: Dr. Julio Ángel Mayol Martínez

Members: Arredondo Lillo, Elena
 Chafer Vilaplana, Joan
 Cortés Martínez, Ana Isabel
 Gonzalez Luengo, Henar
 Del Rey Mejías, Ángel Luis
 Merino Fernández, Milagros
 Seara Aguilar, German

Contact: innova.clinico@gmail.com / 91 330 30 00 Ext 3735

- Services offered:**
1. Smart Health Data (Advanced Data Analysis, BIG Data, AI and model development for decision-making support CDSS)
 - ▶ Decision support system elaboration based on clinical practice guidelines
 - ▶ Application design for clinical data
 - ▶ Medical data utility exploitation through visualization techniques and Business Intelligence: interactive dashboards development
 - ▶ Design and counseling in research/statistical methodologies
 - ▶ Advanced statistical data analysis
 - ▶ Data mining in health repositories aimed at predictive system elaboration
 - ▶ Training in the advanced data analysis setting
 2. Simulation (in process)
 - ▶ Training implementation on surgical techniques (in process)
 - ▶ Effectiveness analysis (performance)
 3. New organizational models
 - ▶ Home hospitalization model development (in process)
 - ▶ Remote assistance model development (in process)
 - ▶ Department rearrangement model development (in process)
 - ▶ Process improvement counseling in clinical areas.
 - ▶ Model validation and application through piloting
 - ▶ raining
 4. Technological innovation (Technological model application and usability: Augmented, virtual reality, 3D printing, app., and application and usability of integrated telemedicine)
 - ▶ Prototype development and validation.
 - ▶ App conceptualization through unmet needs in clinical areas
 - ▶ App development support through unmet needs in clinical areas
 - ▶ Model validation and application through piloting
 5. Innovation HUB (including dissemination and training)
 - ▶ Incubator of ideas
 - ▶ Biomedical engineering support (practices, TFT, master class, etc.)
 - ▶ Event organization de events to foster innovative culture: talks, discussion panels, creativity workshops, ideas competition, enterprise brokerages, etc.
 6. Innovation consultancy (support, consulting, assistance and/or health innovation guidance)
 - ▶ Innovative environment surveillance
 - ▶ Innovation project development
 - ▶ Innovation strategies



ACTIVITY REGISTER		
SERVICES OFFERED		
Organización de eventos para fomentar la cultura innovadora: Incubadoras de Ideas®: Incubadora de ideas : Nuevas perspectivas integradoras contra el Ictus (17 de septiembre de 2020. Incubadora nº 50). Jornada On line en colaboración con el CTB.	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	Jornadas-debate sobre: -Enfermedades neurodegenerativas, nuevas técnicas y materiales biohíbridos para intervenciones
Organización de Jornadas de gestión sanitaria "Foro Clínico" : -29 enero 2020 – Juan del Llano "Gestión clínica basada en el valor" -12 febrero 2020 – Cesar Pascual "Hacer que pasen cosas Vs Gestionar las cosas que pasan. Buenas decisiones para buenas explicaciones" -17 diciembre 2020 – Eva María Martínez Gallego "Responsabilidad civil del personal sanitario ante el incumplimiento de los derechos de los pacientes"	ORGANIZACIÓN SANITARIA	Jornadas de Gestión Sanitaria destinadas a directivos del hospital.
#SoMe4Surgery Virtual Event 27 junio 2020	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	Congreso virtual con la participación de 14 ponentes internacionales.
Comunicación y difusión de información referente a innovación sanitaria	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	Actualización y mantenimiento Web https://unidaddeinnovacion.shealth.eu
Comunicación y difusión de información referente a innovación sanitaria	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	Ponencias en otros centros, jornadas on line
Comunicación y difusión de información referente a innovación sanitaria	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	Redes sociales: Twitter, Facebook, Instagram
Elaboración de Sistemas de Soporte a la Decisión a partir de guías clínicas y Minería de datos.	ORGANIZACIÓN SANITARIA/ INVESTIGADORES/ PERSONAL CLÍNICO	Guía clínica de hiponatremia, guía clínica oncología
SMART HEALTH CENTER	ORGANIZACIÓN SANITARIA/ INVESTIGADORES/ PERSONAL CLÍNICO	Implementación Hub de Innovación. Desarrollo de la Filosofía del SHC
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ SOCIEDAD	OCARIOT H2020
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ INVESTIGADORES	BDCLIN
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ INVESTIGADORES	COVIDX
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ INVESTIGADORES	EUROPE CATALYST 2020
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ INVESTIGADORES	MADRID NEUROCENTER
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/ EMPRESAS/ INVESTIGADORES	GRAVITATE-HEALTH IMI2

ACTIVITY REGISTER		
SERVICES OFFERED		
Desarrollo de proyecto innovador	ORGANIZACIÓN SANITARIA/EMPRESAS/ INVESTIGADORES	Proyecto Mallas de Fibroina de seda que desarrolla el grupo de investigación de Innovación y Cirugía, que lidera el Dr. Mayol, en colaboración con el CTB.
PUBLICACIONES	ORGANIZACIÓN SANITARIA/ INVESTIGADORES/ PERSONAL CLÍNICO	- Deadlock of proctologic practice in Italy during COVID-19 pandemic: a national report from ProctoLock2020 G Gallo, A Sturiale, V De Simone, S Mancini, GL Di Tanna, G Milioto, ... Updates in surgery 72 (4), 1255-1261 - La digitalización de la difusión de conocimiento en cirugía: las redes sociales V Vigorita, J Mayol Revista Argentina de Coloproctología 31 (04) - COVID-19 research priorities in surgery (PRODUCE study): A modified Delphi process M Allan, K Mahawar, S Blackwell, F Catena, M Chand, N Dames, R Goel, ... Journal of British Surgery 107 (11), e538-e540 - Comparative Study of the Influence of Three-Dimensional Versus Two-Dimensional Urological Laparoscopy on Surgeons' Surgical Performance and Ergonomics: A Systematic Review and ... FM Sánchez-Margallo, D Durán Rey, Á Serrano Pascual, ... Journal of Endourology - Lung cancer patients on the waiting list in the midst of the COVID-19 crisis: what do we do now? JI de la Viña, J Mayol, AL Ortega, BA Navarrete Archivos de bronconeumología - Evidence-based approach for surgery during COVID-19: Review of the literature and social media T Vajsbaher, NJ Curtis, N Slim, J Mayol, NK Francis The British journal of surgery 107 (10), e407 - Elective surgery after the pandemic: waves beyond the horizon J Mayol, CF Pérez The British journal of surgery - How to make an impact in surgical research: a consensus summary from the #SoMe4Surgery community A Ioannidis, R Blanco-Colinio, M Chand, G Pellino, D Nepogodiev, ... Updates in Surgery

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Participación en "Noche de los Investigadores"	- Edición de vídeos divulgativos sobre investigadores del IdISSC - Taller Ocarlot: Actividades dentro del Proyecto Ocarlot: juegos interactivos con niños del colegio asociado al proyecto. https://unidaddeinnovacion.shealth.eu/category/noticias
Participación "Semana de la Ciencia"	- Ponencia Uso inteligente de datos como herramienta del cambio- Henar González Luengo
Ponencia de Germán Seara en EUPATI-España	- Germán Seara, Co-Director de la Unidad de Innovación del Hospital Clínico San Carlos, participó el 8 de febrero 2020 en el segundo módulo formativo que ha lanzado EUPATI-España para formar a pacientes y representantes de organizaciones de pacientes en "Evaluación de tecnologías sanitarias".
Ponencias en curso on line	- Participación como ponentes en el curso online "Abordando la Oncología en nuestros mayores" (13 octubre 2020-7 marzo 2021 de Ángel del Rey y Ana Cortés.

UTS.7 UACE

Support Unit for Research Ethics Committees and Clinical Trial Coordination



Coordinator: Dr. M^a Mar García Arenillas

Members: Elena Sánchez García
 Berta Orellana Suárez
 Lourdes Cabrera García
 M^a Ángeles García Chaparro
 M^a Ángeles Torres Mora

Contact: ceic.hcsc@salud.madrid.org / 91 330 3819 / 3472

Services offered: ▶ Administrative management of clinical trials, other studies, and relevant amendments
 ▶ Documentation control and research project follow-up

ACTIVITY REGISTER	
SERVICES OFFERED	CLIENTS
VALIDACIÓN Y GESTIÓN ENSAYOS CLÍNICOS y PROYECTOS	Industria Farmacéutica IdISSC - Investigadores UCM
EVALUACIÓN Y SEGUIMIENTO DE ENSAYOS CLINICOS	Industria Farmacéutica IdISSC - Investigadores UCM
EVALUACIÓN Y SEGUIMIENTO DE ESTUDIOS OBSERVACIONALES	Industria Farmacéutica IdISSC - Investigadores UCM
EVALUACIÓN Y SEGUIMIENTO DE OTROS PROYECTOS DE INVESTIGACIÓN	Industria Farmacéutica IdISSC - Investigadores UCM
EVALUACIÓN Y SEGUIMIENTO DE PROYECTOS BIOBANCO	Industria Farmacéutica IdISSC - Investigadores UCM
INFORMACIÓN A PACIENTES SOBRE ENSAYOS CLÍNICOS	Industria Farmacéutica IdISSC - Investigadores UCM
ASESORÍA/INTERCONSULTAS INVESTIGADORES	Industria Farmacéutica IdISSC - Investigadores UCM
ASESORIA/CONSULTAS PROMOTORES/CRO	Industria Farmacéutica IdISSC - Investigadores UCM

Apoyo a otros CEIm
 Soporte administrativo CEAS
 Soporte administrativo CEEA
 Validación y gestión proyectos CEEA
 Evaluación y seguimiento de proyectos CEEA
 Proyectos evaluados órgano habilitado

UTS.8 UICEC Clinical Research and Clinical Trial Unit



Hospital Clínico San Carlos
UNIDAD DE INVESTIGACIÓN CLÍNICA
Y ENSAYOS CLÍNICOS



Spanish
Clinical
Research
Network
ISCIII

Coordinator: Dr. Antonio Portolés Pérez

Members: Bueno Zaragüeta, Oskia
Deidda, Nicoletta
Domingo Fernández, Alexandra
García Franco, Ana
García Gomez, Sonia
González Rojano, Esperanza
López Laredo, Leonor
López Picado, Amanda
Pérez Macías, Natalia
Quiñonez Silvero, Jorge Mario
Rivas Paterna, Ana Belén
Torvisco Najarro, Jose Maria
Vallejo Cosin, Lucia Naima

Contact: antonio.portoles@salud.madrid.org / 91 330 30 00 Ext 7360

Services offered:

- ▶ Regulatory
- ▶ Design
- ▶ Monitoring
- ▶ Project management
- ▶ Pharmacovigilance services



ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Diseño y apoyo metodológico.	Cardiología, Inmunología, Oncología, Reumatología, Medicina Interna (Infecciosa), Atención Primaria.	6 ensayos clínicos/ estudios
Protocolos e informes de estudios.	Alergología, Reumatología, Cardiología, Traumatología, Pediatría, Medicina Interna (Infecciosa), Atención Primaria, Cirugía, Inmunología, Ginecología, Urgencias, Neurología, Oncología e Industria Farmacéutica.	30 ensayos clínicos/ estudios
Apoyo Regulatorio.	Alergología, Reumatología, Cardiología, Traumatología, Pediatría, Medicina Interna (Infecciosa), Atención Primaria, Cirugía, Inmunología, Ginecología, Urgencias, Neurología, Oncología e Industria Farmacéutica y Plataforma SCReN.	28 ensayos clínicos/ estudios
Monitorización.	Ginecología, Reumatología, Cardiología, Traumatología, Pediatría, Medicina Interna (Infecciosa), Cirugía, Digestivo, Inmunología, Urgencias, Neurología, Oncología e Industria Farmacéutica y Plataforma SCReN.	21 ensayos clínicos/ estudios
Gestión de proyectos.	Alergología, Reumatología, Cardiología, Traumatología, Pediatría, Medicina Interna (Infecciosa), Atención Primaria, Cirugía, Inmunología, Ginecología, Urgencias, Neurología, Oncología e Industria Farmacéutica y Plataforma SCReN.	25 ensayos clínicos/ estudios
Diseño, programación y validación de Cuadernos de Recogida de Datos	Alergología, Reumatología, Cardiología, Traumatología, Pediatría, Medicina Interna (Infecciosa), Cirugía, Inmunología, Ginecología, Urgencias, Neurología, Oncología e Industria Farmacéutica y Plataforma SCReN.	18 ensayos clínicos/ estudios
Servicios de Farmacovigilancia y Seguridad de Producto Sanitario.	Cardiología, Reumatología, Traumatología, Ginecología, Oncología, Cirugía General, Pediatría e Industria Farmacéutica.	8 ensayos clínicos/ estudios

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Servicio de Estadística y Gestión de Datos (a través la UAMI a nivel local y SCReN a nivel de plataforma).	Oncología.	1 ensayos clínicos/ estudios

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Apoyo a la solicitud de financiación competitiva.	Revisión metodológica y apoyo en la elaboración de las solicitudes de financiación competitiva para optimizar su viabilidad técnica.
Formación para gestores de investigación clínica de la FIB.	Curso de Formación de mejoras en la gestión de la investigación clínica dirigido a gestores de la FIB.

UTS.9 UFAR

Pharmacy Support Unit: Research Drug Management



Hospital Clínico San Carlos

UNIDAD DE APOYO A FARMACIA:
GESTIÓN DE MEDICACIÓN
DE INVESTIGACIÓN

SGS Certification (Certificate ES15/17446)
as part of the management system
of the Hospital Clínico San Carlos, an
organisation certified as complying with
the requirements of ISO 9001:2008

Ad Qualitatem Foundation Certification
(Certificate No.: 20151100): "Hospital
Pharmacy Quality
Standard".

Coordinator: JM. Martínez Sesmero

Members: Adoración Santísima Trinidad Maqueda
Cristina Bonet Moreno
Cristina González Martín
Cristina González Pérez
Irene Herranz Cuesta
Marta Sáenz de Tejada López
Patricia Hidalgo Collazos

Contact: ensayosclinicosf.hcsc@salud.madrid.org / 91 330 32 98

Services offered:

- ▶ Medication reception in research
- ▶ Custody and proper storage of drugs
- ▶ Medication preparation
- ▶ Medication dispense

ACTIVITY REGISTER		
SERVICES OFFERED		
Gestión de medicación en Ensayos Clínicos en las actividades de recepción, activación, custodia, validación de la preparación, enmascaramiento, dispensación y destrucción según Protocolo.		- Recepción de medicación: 1.929 envíos - Dispensaciones sin preparación: 2.745 - Dispensación con preparación: 2.478* *Dato extraído por Farmatools
Atención a promotores, monitores e investigadores en el Servicio de Farmacia		Diario
Estudio de protocolos de Ensayos Clínicos, análisis de los brazos del estudio y medicación implicada en ellos.	Servicios Médicos de: Alergia Cardiología Dermatología Digestivo Farmacología Ginecología Hematología Hemodinámica Medicina Intensiva Medicina Interna III Medicina Interna II Medicina Interna I Nefrología	- Visitas de inicio: 114 - Visitas de Pre-estudio: 122 - Elaboración de Fichas de preparación de medicamentos de elaboración el Servicio de Farmacia: 68 - Creación de los protocolos de tratamiento en el programa de prescripción electrónica Farmatools: 91
Definición de los medicamentos del Ensayo Clínico y sus esquemas de tratamiento en las aplicaciones informáticas del Servicio de Farmacia.	Neumología Neurofisiología	Diario
Elaboración de los documentos de trabajo de cada Ensayo Clínico y formación sobre ellos al personal del Servicio de Farmacia.	Neurología Oftalmología	Según aparezcan
Gestión de la documentación del Área de Ensayos Clínicos.	Oncología Médica Oncología radioterápica Pediatría Reumatología Urgencias	Documentos actualizados: 2 " Documento de información a promotores y CRO de los procedimientos del área de ensayos clínicos del servicio de farmacia v9 " " Proceso de gestión de muestras de ensayos clínicos del servicio de farmacia v5 " Implementación del programa de gestión de ensayos clínicos FUNDANET.
Resolución de las incidencias producidas en el Área de Ensayos Clínicos		1
Colaboración en el mantenimiento y mejora del Sistema de Gestión de Calidad del Servicio de Farmacia, en aquellos aspectos relacionados con el Área de Ensayos Clínicos		Diaria.
Auditorías-Inspecciones		
Prestación de la asistencia necesaria para el óptimo cumplimiento de los Objetivos del Área.		

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Caso Clínico Oncología. Sesión interna.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Caso Clínico Oncología. Sesión interna.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Caso Clínico Oncología. Sesión interna.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Caso Clínico Oncología. Sesión interna.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Olaparib 1º línea cáncer ovario metastásico. Sesión de compañía farmacéutica.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Olaparib 1º línea cáncer ovario metastásico. Sesión de compañía farmacéutica.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Daratumumab en MM, nuevas actualizaciones.
Conocimiento y actualización continuada en el tratamiento de patologías onco-hematológicas.	Daratumumab en MM, nuevas actualizaciones.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Hipoglucemia por insulinoma. Sesión interna.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Hipoglucemia por insulinoma. Sesión interna.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Hipoglucemia por insulinoma. Sesión interna.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Hipoglucemia por insulinoma. Sesión interna.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Manejo de Albúmina. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Manejo de Albúmina. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Manejo de Albúmina. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Manejo de Albúmina. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Remdesivir en el tratamiento de la infección por SARS-COV-2. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Remdesivir en el tratamiento de la infección por SARS-COV-2. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización benralizumab en asma eosinofílico grave. Nuevas evidencias. Sesión de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización benralizumab en asma eosinofílico grave. Nuevas evidencias. Sesión de compañía farmacéutica.
Actualización tratamiento patologías víricas.	Nuevas evidencias de 3TC/DTC. Sesión de compañía farmacéutica.
Actualización tratamiento patologías víricas.	Nuevas evidencias de 3TC/DTC. Sesión de compañía farmacéutica.
Actualización novedades fármaco-terapéuticas	Soporte nutricional en el paciente crítico. Sesión interna.
Actualización novedades fármaco-terapéuticas	Soporte nutricional en el paciente crítico. Sesión interna.
Actualización novedades fármaco-terapéuticas	Manejo de la manía en el trastorno bipolar. Sesión interna.
Actualización novedades fármaco-terapéuticas	Manejo de la manía en el trastorno bipolar. Sesión interna.

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización venetoclax + rituximab. EC MURANO. Sesión monográfica de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización venetoclax + rituximab. EC MURANO. Sesión monográfica de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización venetoclax + rituximab. EC MURANO. Sesión monográfica de compañía farmacéutica.
Conocimiento de los medicamentos utilizados en su área / unidad de competencia.	Actualización venetoclax + rituximab. EC MURANO. Sesión monográfica de compañía farmacéutica.
Innovación	Plataforma de préstamos interhospitalarios de medicamentos de alto impacto económico y base de datos actualizada de desabastecimientos. "Wallamed"
Innovación	Finalista en I Foro de Innovación de la SEFH con el proyecto "Wallamed".
Publicaciones en congresos nacionales	"Análisis modal de fallos y efectos del proceso de migración a un nuevo software de gestión de Ensayos Clínicos"
Publicaciones en congresos nacionales	"Análisis modal de fallos y efectos del proceso de migración a un nuevo software de gestión de Ensayos Clínicos"
Publicaciones en congresos nacionales	"Análisis modal de fallos y efectos del proceso de migración a un nuevo software de gestión de Ensayos Clínicos"
Publicaciones en congresos nacionales	"Análisis modal de fallos y efectos del proceso de migración a un nuevo software de gestión de Ensayos Clínicos"
Publicaciones en congresos nacionales	"Análisis modal de fallos y efectos del proceso de migración a un nuevo software de gestión de Ensayos Clínicos"
Publicaciones en congresos nacionales	"Experiencia práctica con Eremumab y Galcanezumab en Migraña Crónica Refractaria"
Actualización novedades fármaco-terapéuticas	Asistencia a 65 congreso de la SEFH 2020 (virtual)
Actualización novedades fármaco-terapéuticas	Asistencia a The International Pharmaceutical Federation (FIP) Congress 2020 (virtual).
Actualización y adaptación de procedimientos en el área de Ensayos Clínicos	Ponencia "Tras la tormenta COVID-19 en las unidades de Ensayos Clínicos ¿Ahogados o Reforzados?" 65 Congreso de la SEFH.
Docencia	Colaboradora Docente en prácticas tuteladas. Grado de Farmacia UCM
Docencia	Colaborador Docente en prácticas tuteladas. Grado de Farmacia UCM
Conocimiento de las aplicaciones informáticas necesarias para realizar sus funciones.	Implantación programa de gestión de Ensayos Clínicos FUNDANET.
Conocimiento de las aplicaciones informáticas necesarias para realizar sus funciones.	Implantación programa de gestión de Ensayos Clínicos FUNDANET.
Conocimiento de las aplicaciones informáticas necesarias para realizar sus funciones.	Implantación programa de gestión de Ensayos Clínicos FUNDANET.
Proyectos competitivos concedidos	Investigadora Principal en el proyecto "Del-EC: Recomendaciones de "no hacer" en las unidades de Ensayos Clínicos de los Servicios de Farmacia". Grupo coordinador de Ensayos Clínicos de la SEFH. Proyecto con ayuda concedida para Grupos de Trabajo de la SEFH 2019-2020.

UTS.10 CLEAN ROOM

Cell therapy Unit, Clean room



Coordinator: Pilar Tornero Esteban

Members: Fernández Luengos, Laura
Campos Fernández, Raúl

Contact: ptornero@salud.madrid.org / 91 330 30 00 ext 2797

Services offered:

- ▶ Mesenchymal stem cell production of GMP quality
- ▶ Allogeneic biobank of mesenchymal stem cells for disease potential use
- ▶ Research on mesenchymal stem cell vehicles and carriers in tissues

ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Apoyo preclínico del medicamento de Terapia Celular	HCSC	Seguimiento de un proyecto para la evaluación de seguridad de un medicamento de terapia celular y elaboración del dossier de calidad del IMPD
Elaboración de un IMPD para la Fabricación un medicamento de Terapia celular (ASCs en combinación con biomateriales de ácido hialurónico).	HCSC	Envío de la documentación asociada al Producto en investigación (PEI) a la AEMPs

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Fabricación de productos de Terapia Celular con calidad de medicamento	La Unidad cuenta con la infraestructura y equipamiento necesario para llevar a cabo la fabricación y el control de calidad de diferentes medicamentos de Terapia Celular.
Control de calidad de instalaciones y del medicamento fabricado	La unidad lleva a cabo los controles de calidad requeridos durante la fabricación del medicamento a lo largo de sus distintas etapas, realizando a su vez, los controles de calidad de superficies y ambiente en las zonas clasificadas.
Apoyo diseño estudio seguridad preclínico	Se facilita el apoyo para el diseño del estudio preclínico de un medicamento de Terapia Celular
Apoyo diseño desarrollo de nuevos productos con calidad clínica	Se facilita el apoyo para el diseño de los controles de calidad y en proceso en conformidad con la normativa GMP, haciendo posible la translacionalidad de los productos en desarrollo

UTS.12 UFARCLI

Phase I and Clinical Pharmacology Studies Unit

Coordinator: Dr. Antonio Portolés Pérez

Members: Ana Ascaso del Río
Emilio Vargas Castrillón
Esperanza Rodríguez Rojano
Carla Pérez Ingidua
Leonor Laredo Velasco
Natalia Rodríguez Galán
Sonia Domínguez Muñoz
Susana García Ramos

Contact: antonio.portoles@salud.madrid.org 91 330 34 13

Services offered:

- ▶ Phase I clinical trial design and implementation and clinical pharmacology studies
- ▶ Pharmacokinetic analysis
- ▶ Healthy volunteer screening
- ▶ Biological sample management
- ▶ Pharmacoeconomic analysis
- ▶ Preparation of protocols and final reports



Hospital Clínico San Carlos

UNIDAD DE FASE I Y ESTUDIOS DE FARMACOLOGÍA CLÍNICA



Quality Certification ISO 9001:2015
(February 2018)



ACTIVITY REGISTER		
SERVICES OFFERED	CLIENTS	DESCRIPTION
Ejecución. Ensayo clínico, Fase I	Farmalíder (FMLD-PALAU-45)	Diseño, desarrollo, análisis e informe de ensayo clínico F 1
Ejecución. Ensayo clínico, Fase I	Farmalíder (FMLD-ALBANIA-46)	Diseño, desarrollo, análisis e informe de ensayo clínico F 1
Ejecución. Ensayo clínico, Fase 2b/3	CureVac AG (CV-NCOV-004)	Desarrollo de ensayo clínico F 2/3
Ejecución. Ensayo clínico, Fase 2/3	CELLTRION, Inc.(CT-P59 3.2)	Desarrollo de ensayo clínico F 2/3
Ejecución. Ensayo clínico, Fase II	Farmacología Clínica ("SOLIDARITY" OMS COVID19)	Apoyo al desarrollo de ensayo clínico F 2/3, coordinación nacional, publicación
Ejecución. Ensayo clínico, Fase II	Pharma Mar, S.A (APLICOV-PC (APL-D-002-20)	Ejecución. Ensayo clínico, Fase 2

ACTIVITY REGISTER	
ACTIVITY	DESCRIPTION
Informe evaluación medicamentos y asesoramiento	Realización de informes de evaluación de medicamentos para empresas farmacéuticas
Evaluación de costes suplementarios de estudios clínicos	Realización de evaluación de costes suplementarios en los que se incurre en los estudios clínicos
Asesoramiento en investigación clínica	Asesoramiento en el diseño y desarrollo de ensayos clínicos
Acreditación BPC	Mantenimiento acreditación BPCs
Certificación ISO	Mantenimiento ISO 9001:2015
Comunicación científica	Difusión de conocimientos generados en investigación clínica
Apoyo en la realización de ensayos COVID	Apoyo al desarrollo de ensayos COVID con recursos humanos del grupo de Farmacología Clínica

UTS.13 URECEL

Cellular Response and Function Unit



Coordinators: Elena Urcelay García
Eduardo Anguita Mandly

Members: Espino Paisán, Laura
Santiago Álvarez, José Luis

Contact: elena.urecelay@salud.madrid.org / eduardo.anguita@salud.madrid.org 91 330 33 89

Services offered:

- ▶ Biological sample Preparation (serum extraction de suero, isolation
- ▶ PBMCs and DNA, platelet-rich plasma- PRPs...)
- ▶ Pharmacogenetic studies
- ▶ ApoE genetic risk assessment
- ▶ Quantification through Luminex technology of citokines from different sources: serum, urine, teardrop, LCR, etc.
- ▶ mRNA expression levels by using real-time quantitative PCR
- ▶ Protein expression levels by using Western blot
- ▶ B cell immortalization from blood samples
- ▶ Mitochondrial activity studies (Agilent Seahorse XF Technology)
- ▶ ELISA

ACTIVITY REGISTER

SERVICES OFFERED	CLIENTS	DESCRIPTION
Recogida de muestras de lágrimas y humor acuoso para posterior determinación de biomarcadores	Oftalmología (Dr. JM Martínez de la Casa)	Recogida de muestras de lágrimas y humor acuoso para posterior determinación de biomarcadores
Recogida de muestras de orina y plasma para posterior determinación de biomarcadores	Nefrología (Dra. Sánchez Fructuoso)	Recogida de muestras de orina y plasma para posterior determinación de biomarcadores
Función mitocondrial Seahorse- Agilent	Dto Ciencias Médicas Básicas. Fac Medicina. U. S. Pablo CEU	Asesoramiento en el uso del equipo y metodología
Función mitocondrial Seahorse- Agilent	Grupo de Factores ambientales en enf. degenerativas	Asesoramiento en el uso del equipo y metodología
Determinación de genética de riesgo ApoE	Geriatría (Dr. Pedro Gil)	

ACTIVITY REGISTER

ACTIVITY	DESCRIPTION
Actualización equipamiento derivado del Lab. Oncología	Light Cycler PCR Roche nº inventario 88
Incorporación de una Sala Cultivo marco ONC002	Acondicionamiento y traslado de equipos: - Campana de flujo laminar, estufa de CO ₂ , microscopio Leica (cat nº 109), contador celular, y equipo de ultraporación Neon-Invitrogen, de E. Urcelay - Campana de flujo de R. Alvarez-Lafuente - Equipo de imagen in vivo JuLI Stage de donación al H. Clínico S. Carlos
Artículo publicado	Barbara Burgos-Blasco , Noemi Güemes-Villahoz, Jose Luis Santiago, Jose Ignacio Fernandez-Vigo, Laura Espino-Paisán, Beatriz Sarriá, Julian García-Feijoo, Jose Maria Martinez-de-la-Casa. Hypercytokinemia in COVID-19: Tear cytokine profile in hospitalized COVID-19 patients. Exp Eye Res. 2020 Nov;200:108253.
Participación en la Semana de la Ciencia	Participación en el punto de información del H. Clínico San Carlos.

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Letter

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Meeting Abstract

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CV.11

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INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY

IIIA.1

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IIIA.2

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Editorial Material

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Meeting Abstract

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Editorial Material

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NEUROSCIENCE

NEC.1

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Editorial Material

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Correction

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Letter

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OTHER LARGE SYSTEMS

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Correction

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CARDIOVASCULAR

CV.1 Technology Assessment and Therapeutic Strategies in Coronary Arteriosclerosis

COMPETITIVE FUNDING

CM20/00013. RRHH RIO HORTEGA: Angela Carolina Espejo Paeres. PI: JAVIER ESCANED BARBOSA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PIE16/00043. PIE: DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: JAVIER ESCANED BARBOSA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

MAGSTEMI: MAGnesium-based bioresorbable scaffold and vasomotor function in patients with acute ST segment Elevation Myocardial Infarction: MAGSTEMI Trial. PI: PABLO SALINAS SANGUINO. Funding Organisation: SEC.

NON COMPETITIVE FUNDING

CONV16/004. Convenio marco de colaboración para llevar a cabo investigaciones en el área de la hemodinámica y la dinámica de fluidos. PI: JAVIER ESCANED BARBOSA. Funding Organisation: INSTITUTO NACIONAL DE TÉCNICA AEROSPAZIAL ESTEBAN TERRADAS.

CONV19/216. Acuerdo de confidencialidad "identifying Digital Endpoints to Access Fatigue, Sleep and Activity daily living in Neurodegenerative disorders and Immune-mediated inflammatory diseases IDEA FAST". PI: JAVIER ESCANED BARBOSA. Funding Organisation: ECRIN EUROPEAN CLINICAL RESEARCH INFRASTRUCTURE NETWORK.

ECL.09/338. EVALUACIÓN CLÍNICA DEL STENT CORONARIO DE CROMO-COBALTO "KANAME" EN EL TRATAMIENTO DE PACIENTES CON ARTERIOPATÍA CORONARIA. PI: CARLOS MACAYA MIGUEL. Funding Organisation: Sin datos.

ECL.13/308. SEGURIDAD Y DESEMPEÑO CLÍNICO DEL ANDAMIO METÁLICO ABSORBIBLE LIBERADOR DE DROGA (DREAMS) EN EL TRATAMIENTO DE PACIENTES CON LESIONES DE NOVO EN ARTERIAS CORONARIAS NATIVAS. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Sin datos.

ECL.13/326. VASTAREL: EFICACIA Y SEGURIDAD DE TRIMETAZIDINA EN PACIENTES CON ANGINA DE PECHO DESPUES DE HABER SIDO SOMETIDOS A UNA INTERVENCIÓN CORONARIA PERCUTANEA. PI: CARLOS MACAYA MIGUEL. Funding Organisation: I.R.I.S.

ECL.13/349. SYNTAX II: ENSAYO CLÍNICO DE UN BRAZO PARA EVALUAR LA EFICACIA DE LAS INTERVENCIÓNES CORONARIAS PERCUTÁNEAS (ICP) EN LA ENFERMEDAD CORONARIA DE 3 VASOS (E3V) DE NUEVA APARICIÓN MEDIANTE LA APLICACIÓN DEL SCORE SYNTAX II, EL USO DE GUÍA DE PRESIÓN PARA LA EVALUACIÓN. PI: JAVIER ESCANED BARBOSA. Funding Organisation: ECRI.

ECL.14/221. ESTUDIO FUNCIONAL DE LOS ESTENOSIS INTERMEDIAS COMO METODO DE DECISIÓN PARA LA INDICACIÓN DE REVASCULARIZACIÓN. ESTUDIO PROSPECTIVO, MULTICENTRICO, DOBLE CIEGO Y DISTRIBUCIÓN ALEATORIA PARA PROBAR LA SEGURIDAD DEL APLAZAMIENTO DE LA IMPLANTACIÓN DE STENTS. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Sin datos.

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. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Sin datos.

ECL.15/482. Tomografía de Coherencia Óptica combinada Reserva de Flujo Fraccional y Morfológica Valoración Hemodinámica de Lesiones no Culpables para Predecir Mejor Resultados de Acontecimiento Adverso en Pacientes de Diabetes Mellitus (TCO-FFR) Registro Prospectivo. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Sin datos.

JEB.F01CV1. Donaciones para el Grupo de Investigación Valoración de tecnologías y estrategias terapéuticas en la arteriosclerosis coronaria. PI: JAVIER ESCANED BARBOSA. Funding Organisation: UTANDE.

iModern: Instantaneous wave free ratio guide Multi-vessel revascularization during percutaneous coronary intervention for acute myocardial infarction. PI: JAVIER ESCANED BARBOSA. Funding Organisation: RadboudUMC (Nijmegen).

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: PABLO SALINAS SANGUINO. Funding Organisation: SEC.

REVASEC: Registro multicentrico de revascularización secundaria. PI: PABLO SALINAS SANGUINO. Funding Organisation: LABORATORIOS FARMACEUTICOS ROVI S.A.

CRATER: Coronary Rotational Atherectomy Elective Renal.Arteriotomía Rotacional electiva vs de rescate en pacientes con lesiones coronarias calcificadas graves e insuficiencia renal crónica. PI: PABLO SALINAS SANGUINO. Funding Organisation: Hospital Universitario La Paz.

ENDOCOR: Registro Multicentrico Español de función endotelial coronaria (ENDOCOR). PI: JAVIER ESCANED BARBOSA. Funding Organisation: Hospital Gregorio Marañón.

REPLICA: Registro prospectivo, de brazo único. Multicéntrico, observacional de litotricia coronaria para el tratamiento de lesiones calcificadas en España. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: Fundacion EPIC.

REDUCER I: An Observational Study of the Neovasc Reducer™ System. The Reducer is intended for patients with refractory angina pectoris despite medical therapy, who are either not amenable or are at high risk for revascularization by coronary artery bypass grafting (CABG) or by percutaneous coronary intervention (PCI). The Reducer is designed to create a narrowing in the coronary sinus (CS) after implantation. CS narrowing improves perfusion to ischemic myocardium in the presence of reversible ischemic heart disease to alleviate the symptoms of refractory angina pectoris. PI: JAVIER ESCANED BARBOSA. Funding Organisation: NEOVASC.

OPTIMAL: The OPTIMAL study is a randomized, controlled, multicentre, international study. A total of 800 patients will be randomized in a 1:1 fashion to IVUS-guided PCI versus qualitative angio-guided PCI. Patients will be consented prior to the PCI procedure and then followed up to 2 years after the index procedure. PI: JAVIER ESCANED BARBOSA. Funding Organisation: ECRI.

TWILIGHT: Ticagrelor With Aspirin or Alone in High-Risk Patients After Coronary Intervention. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Mount Sinai.

DCR4: Dynamic Coronary Roadmap for Contrast Reduction (DCR4 Contrast). PI: JAVIER ESCANED BARBOSA. Funding Organisation: Philips.

DESAFIO: DES implantation in patients with Atrial Fibrillation followed by LAA Occlusion device. PI: PABLO SALINAS SANGUINO. Funding Organisation: Hospital Universitario Infanta Cristina Badajoz.

DISCO: Registro de DISección Coronaria espontánea (DISCO). PI: JAVIER ESCANED BARBOSA. Funding Organisation: Inv. Propia.

FIRE: Functional versus Culprit-only Revascularization in Elderly Patients with Myocardial Infarction and Multivessel Disease. PI: JAVIER ESCANED BARBOSA. Funding Organisation: University of Ferrara.

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: JAVIER ESCANED BARBOSA. Funding Organisation: Philips.

ILUMIEN IV: ICP ÓPTIMA Comparación entre la tomografía de coherencia óptica (TCO) y la angiografía como métodos de implante de un stent coronario: ensayo multicéntrico aleatorizado en una ICP. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: ABBOTT.

ILUMIEN Screening: ICP ÓPTIMA Comparación entre la tomografía de coherencia óptica (TCO) y la angiografía como métodos de implante de un stent coronario: ensayo multicéntrico aleatorizado en una ICP. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: ABBOTT.

REVEAL iFR: Validación y evaluación de las imágenes radiográficas para Angio iFR. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Philips.

SHEAR STENT: Evaluation of Wall Shear Stress and Neointimal Healing Following Percutaneous Coronary Intervention of Angulated Vessels with Resolute® Integrity Zotarolimus Eluting Coronary Stent Compared to XIENCE XPEDITION® Everolimus Eluting Coronary Stent. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Medtronic Inc.

TROMPA: Registro de TROMboembolia de Pulmón de moderado-Alto riesgo. PI: PABLO SALINAS SANGUINO. Funding Organisation: Inv. Propia.

BIOFREEDOM: Evaluación de la eficacia (ACC) y la seguridad de la endoprotección recubierta con BIOLIMUS A9 Biofreedom de COCR en un ensayo aleatorizado en pacientes con coronariopatía. PI: CARLOS MACAYA MIGUEL. Funding Organisation: Biosensor Europe S.A.

BIOSOLVE II: BIOTRONIK-Safety and clinical performance of the drug eluting absorbable metal scaffold (dreams 2nd generation) in the treatment of subjects with the novel lesions in native coronary arteries: Biosolve II. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: BIOTRONIK.

BMX ALPHA: A post-market registry of the BioMatrix Alpha TM (Cobalt Chromium BiolimusA9 drug Eluting stent). PI: CARLOS MACAYA MIGUEL. Funding Organisation: Biosensor Europe S.A.

COMPARE ABSORB: The primary objectives of trial are: In patients at high-risk for restenosis, to assess non inferiority of 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: JAVIER ESCANED BARBOSA. Funding Organisation: CERIC.

EVOLVE II: Ensayo multicéntrico, prospectivo para evaluar la seguridad y la eficacia del sistema de stent coronario de cromo-platino liberador de everolimus SYNERGY (sistema de stent SYNERGY) en el tratamiento de lesiones ateroscleróticas. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Boston Sc.

FLAIR: Estudio prospectivo, multicéntrico, doble ciego y distribución aleatoria para probar la seguridad del aplazamiento de la implantación de stents en lesiones fisiológicamente no significativas en una población clínica con estenosis intermedias mediante la determinación del iFR y FFR. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Imperial College London.

MASTERDAPT (MASTER DAPT TRIAL): Management of high bleeding risk patients post bioresorbable polymer coated STent implantation with an abbreviated versus prolonged DAPT regimen. PI: JAVIER ESCANED BARBOSA. Funding Organisation: European Cardiovascular Research Institute (ECRI).

PEBSI II (PEPSI II): Balón liberador de Paclitaxel tras stent convencional vs stent liberador de fármaco en el infarto agudo con elevación de st. PI: MARIA NIEVES GONZALO LÓPEZ. Funding Organisation: FIC.

Endopat-COVID: Assessment of Endothelial Vasodilator Function in COVID-19 Patients. Estudio prospectivo observacional y ciego que evalúa el estado de la función endotelial vascular sistémica en pacientes COVID-19 comparado con un grupo control sano. PI: HERNÁN DAVID MEJÍA RENTERÍA. Funding Organisation: Hospital Clínico San Carlos.

ISCHEMIA 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. PI: JAVIER ESCANED BARBOSA. Funding Organisation: Aarhus University (Denmark).

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: HERNÁN DAVID MEJÍA RENTERÍA. Funding Organisation: Aarhus University and Aarhus University Hospital.

CV.2 Cardiovascular Imaging

COMPETITIVE FUNDING

EUR.CATALYST. Catalyst Europe - PhD Fellowship program. PI: MARIA LUACES MENDEZ. Funding Organisation: EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT).

EURODIN. Leveraging AI based technology to transform the future of health care delivery in Leading Hospitals in Europe. PI: MARIA LUACES MENDEZ. Funding Organisation: COMISIÓN EUROPEA.

FIS.1500742. Caracterización mediante T-1 mapping de la fibrosis miocárdica difusa asociada a obesidad en el infarto agudo de miocardio. Mecanismos implicados y relación con la evolución clínica. PI: MARIA LUACES MENDEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PIE16/00043. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: LEOPOLDO PÉREZ DE ISLA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

MLM.M01MIT. M+VISION FELLOWSHIP TRAINING PROGRAM AT HOSPITAL CLINICO SAN CARLOS. PI: MARIA LUACES MENDEZ. Funding Organisation: MADRID-MIT M+VISION CONSORTIUM.

PANDORA. ESTUDIO OBSERVACIONAL AMBISPECTIVO PARA ANALIZAR EL MANEJO EVOLUTIVO DE LOS FÁRMACOS CON EFECTO PRONÓSTICO EN PACIENTES TRATADOS CON POLIPÍDORA COMO TRATAMIENTO DE BASE ALTA DE UN PRIMER SÍNDROME CORONARIO AGUDO. PI: Ferrer. Funding Organisation: Ferrer.

DAI-LDL-2020-01. PERFIL DE LDL-C EN PACIENTES CON EVENTO CARDIOVASCULAR: UN ESTUDIO MULTICÉNTRICO RETROSPECTIVO EN ESPAÑA. PI: HEARTBEAT. Funding Organisation: Daiichi-Sankyo.

DSE-HCL-01-19. Tratamiento de pacientes dislipémicos con alto riesgo y muy alto riesgo para la prevención de eventos cardiovasculares en Europa - Estudio Multinacional Observacional (SANTORINI). PI: SANTORINI. Funding Organisation: Daiichi-Sankyo.

CV.4 Arrhythmia

NON COMPETITIVE FUNDING

CONV18/017. Convenio de colaboración para la distribución presupuestaria de Programas de actividades de I+D Convocatoria Biomedicina 2017. Proyecto B2017/BMD 3738 ITACA-CM "Investigación traslacional en arritmias cardíacas hereditarias". PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: FUNDACION INV. BIOMEDICA HOSP. RAMON Y CAJAL.

CONV19/089. El convenio tiene por objeto el desarrollo de proyectos sobre el estudio de los mecanismos subyacentes y nuevas terapias en arritmias, tanto auriculares como ventriculares, la caracterización detallada de los mecanismos de inicio y mantenimiento de arritmia. PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III.

CONV19/132. Contrato de encargo de tratamiento de datos de carácter personal entre la Fibhscs y la FIC, proyecto Cardioriedl. PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

ECL.11/253. INCIDENCIA DE ARRITMIAS EN LA POBLACIÓN IMPLANTADA CON UN DAI DE MEDTRONIC EN ESPAÑA. PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: Medtronic Ibérica.

ECL.12/118. Estudio EAST. Tratamiento precoz de la fibrilación auricular para la prevención de accidentes cerebrovasculares. Early treatment of Atrial fibrillation for Stroke prevention Trial. PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: The Clinical Research Institute GmbH.

ECL.2016/015. Estudio NOAH-AFNET. Non-vitamin K antagonist Oral anticoagulants in patients with Atrial High rate episodes. PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: Atrial Fibrillation Network.

ECL.2017/026. Estudio de fase IIb, multicéntrico, con doble enmascaramiento y controlado con placebo para evaluar la eficacia y la seguridad de macitentan en pacientes con insuficiencia cardíaca con fracción de eyección preservada y vasculopatía pulmonar. PI: RAMÓN BOVER FREIRE.

ECL.2018/003. Ensayo en fase III, aleatorizado y doble ciego para evaluar la eficacia y la seguridad de una dosis diaria de 10mg de empagliflozina en

comparación con placebo en pacientes con insuficiencia cardíaca crónica con fracción de eyección reducida (ICFER). PI: RAMÓN BOVER FREIRE.

JPD.M01FIC. Colaboración para la ejecución del proyecto "Desarrollo de un modelo organizativo para dar soporte a la Red Cardiovascular Cardio-red". PI: JULIÁN PÉREZ-VILLACASTÍN DOMÍNGUEZ. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

ECL 15/398. Estudio ARTESIA. Apixaban for the Reduction of Thrombo-Embolic in patients with Device-Detected Sub-Clinical Atrial Fibrillation. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: PHRI."

ECL 15/411. Estudio UNTOUCHED. Understanding Outcomes with the EMBLEM™ S-ICD in Primary Prevention Patients with Low Ejection Fraction. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: BOSTON SCIENTIFIC.

EUR.ERARE. Exploring new therapeutic strategies in Hutchinson-Gilford progeria syndrome preclinical models. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

20/144-E_Otro. Registro BELIEVE SVT. Carga Sintomática como Base para la Indicación de Estudio Electrofisiológico invasivo en Taquicardia Supraventricular. PI: RICARDO SALGADO ARANDA. Funding Organisation: Sin financiación.

C.I. 20/470-E. High radiofrequency POWER for Faster and Safer pulmonary veins ablation Trial (Power FAST II). PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: Sin financiación." pro-ex 097/17. BASE-AF. Bases moleculares de la progresión individual y mantenimiento de la Fibrilación Auricular. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Ministerio de Innovación, Ciencia y Tecnología.

OWN FUNDING

18/288-E. Registro EORP III. Atrial Fibrillation III Registry. EURObservational Research Programme. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: Sin financiación.

14/273-E. Estudio DTI-AF-Predict. Caracterización Ecocardiográfica de la Actividad Auricular Eléctrica y Mecánica de Pacientes con Fibrilación Auricular Paroxística y Persistente, así como su Valor Predictivo en la Cardioversión Farmacológica. (DTI-AF-Predict). PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

ECL.15/444. Estudio SLEEP-AF. Valor del Despistaje y Tratamiento del S. Apnea-Hipopnea del Sueño en el Manejo de Candidatos a Ablación de Fibrilación Auricular. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: Sin financiación.

20/374-E_COVID. Estudio IAF-COVID Influencia de la actividad física basal como factor modificador del SARS-CoV-2. PI: RICARDO SALGADO ARANDA. Funding Organisation: Sin financiación.

20/366-E_COVID. Estudio IEA-COVID. Impacto del estado de alarma durante la pandemia de SARS-CoV2 en la tasa de implante de marcapasos con indicación preferente/urgente. PI: RICARDO SALGADO ARANDA. Funding Organisation: Sin financiación.

19/539-E. Registro RE-HEART. Registro multicéntrico de Heartlogic en España. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: Sin financiación.

19/288-E_NOEPA. Registro AVCS-SonR. Added Value changes in signal SonR in patients with EF<30%. PI: JUAN JOSÉ GONZÁLEZ FERRER. Funding Organisation: Sin financiación.

17/507-R_M. Estudio CRAFT. Crioablación de venas pulmonares vs fármacos antiarrítmicos en fibrilación auricular persistente. PI: NICASIO PÉREZ CASTELLANO. Funding Organisation: Sin financiación.

17/334-R_P. Ablación FA mecanicista. Terminación aguda de la fibrilación auricular persistente mediante ablación de las regiones potencialmente responsables de su mantenimiento guiada por una herramienta computacional basada en electrogramas auriculares: estudio piloto. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

14/428R. Estudio SELECTI-CARFAP. Valor Mecanicista y Predictivo del Bloqueo de Corrientes Iónicas con Selectividad Auricular en la Terminación de Fibrilación Auricular Paroxística. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

16/405-E. Estudio AWAKE. Valor pronóstico precoz de un Algoritmo basado en Variables espectrales de la fibrilación Ventricular en el EKG de pa-

cientes con parada cardiorrespiratoria intra/Extra-hospitalaria. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

14/246-E_BC. Estudio SIMVT. Modelado ventricular en 3 dimensiones basado en la determinación de fibrosis mediante resonancia magnética nuclear e incorporación funcional como guía para la reproducción virtual de la taquicardia clínica. (SEA en cerdos). PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

12/026-E. Estudio SIMAF/FAMHA. Caracterización Biológica y Computacional de los Mecanismos que Mantienen la Fibrilación Auricular Paroxística y Persistente: Estudio Translacional desde el Modelo Porcino hasta el Corazón Humano. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

C.I. 16/293-E. Estudio ASAP-FA. Análisis Espectral de la Señal Auricular como predictor de persistencia de la fibrilación auricular. PI: DAVID FILGUEIRAS RAMA. Funding Organisation: Sin financiación.

CV.6 Group on Predictive Biomedicine and Translational Research of Respiratory, Cardiovascular and Metabolic Diseases

NON COMPETITIVE FUNDING

ALF.F01PFI. EFECTO DE LA ATORVASTATINA SOBRE LOS FACTORES DE RIESGO CLÁSICO Y PARÁMETROS INFLAMATORIOS DE ENFERMOS CON INSUFICIENCIA RENAL CRÓNICA NO DIALIZADOS, EN HEMODIÁLISIS Y EN DIÁLISIS PERITONEAL. PI: JOSÉ ANTONIO HERRERO CALVO. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS.

ALF.M01MUT. Prestación de servicios para el estudio "Desarrollo de un algoritmo predictivo de edad biológica basado en hábitos de vida y biomarcadores genéticos y no gnéticos". PI: ANTONIO LÓPEZ FARRÉ. Funding Organisation: FUNDACIÓN MUTUALIDAD ABOGACÍA.

ALF.M03BAY. Effects of Rivaroxaban alone and as combined antithrombotic regimen with Aspirin on mitochondrial biogenesis in cultured human coronary endothelial cells undergoing diabetic conditions. PI: ANTONIO LÓPEZ FARRÉ.

ALF.M04BAY. Convenio colaboración para la ejecución de un estudio: Rivaroxaban and COVID-19. PI: ANTONIO LÓPEZ FARRÉ. Funding Organisation: BAYER HISPANIA, S.L.U.

AMC.C01TEC. Colaboración para la realización del "ESTUDIO DE LOS EFECTOS DE SULODEXIDA SOBRE BIOGÉNESIS MITOCONDRIAL EN VENAS VARICOSAS, Código 16/410-E". PI: ANTONIO IGNACIO MARTÍN CONEJERO. Funding Organisation: TEDEC-MEIJI FARMA.

CONV19/035. Convenio colaboración de colaboración para la realización del proyecto "Fabricación de prototipos para formación clínica mediante tecnología de impresión 3D. Print-Bone". PI: M^o CRUZ IGLESIAS MORENO. Funding Organisation: CITD, ENGINEERING AND TECHNOLOGIES S.L.

ECL.2016/100. Estudio de fase 3 aleatorizado, abierto (enmascarado para el promotor), con control activo, de grupos paralelos, multicéntrico, basado en acontecimientos en sujetos en diálisis con anemia asociada a nefropatía crónica para evaluar la seguridad y la eficacia. PI: JOSÉ ANTONIO HERRERO CALVO.

ECL.2016/101. Estudio de fase 3 aleatorizado, abierto (enmascarado para el promotor), con control activo, de grupos paralelos, multicéntrico, basado en acontecimientos en sujetos que no reciben diálisis con anemia asociada a nefropatía crónica para evaluar la seguridad. PI: JOSÉ ANTONIO HERRERO CALVO.

FSH.M01COOK. Sesiones sobre la endoprótesis aórtica Zenith AAA Fenestrada con marcado CE (ZFEN) 17 y 23 de julio de 2019. PI: FRANCISCO JAVIER SERRANO HERNANDO. Funding Organisation: COOK ESPAÑA S.A.

CV.7 Valvular Pathology and Large Vessels

COMPETITIVE FUNDING

FIS.190518. Terapia antibiótica corta comparada con el tratamiento antibiótico convencional en pacientes con endocarditis infecciosa por cocos gram positivos: ensayo clínico aleatorizado. PI: CARMEN OLMOS BLANCO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.08/049. ENCUESTA SOBRE EL IMPACTO DE LA INFECCIÓN POR EL VIH Y EL TRATAMIENTO ANTIRRETROVIRAL EN LA ESFERA SEXUAL DE LA MUJER. PI: ELISA PÉREZ- CECILIA CARRERA.

ECL.10/351. CALIDAD DE VIDA, FUNCIÓN NEUROCOGNITIVA Y CARACTERÍSTICAS CLÍNICAS DE LAS MUJERES MADURAS VIH+ EN ESPAÑA. COMPARACIÓN CON CONTROLES SIN INFECCIÓN POR EL VIH. ETAPAS EVhA. PARTE 3. ESTUDIO EVhA-3. PI: ELISA PÉREZ- CECILIA CARRERA.

ECL.2018/121. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE QP1-1002 EN LA PREVENCIÓN DE ACONTECIMIENTOS ADVERSOS RENALES GRAVES (MAKE) EN PACIENTES CON ALTO RIESGO DE LESIÓN RENAL AGUDA (AKI) DESPUÉS. PI: LUIS CARLOS MAROTO CASTELLANOS.

CV.8 Translational Research in Acute Myocardial Syndromes (INTEGRA)

COMPETITIVE FUNDING

EUR.SECURE. Secondary prEvent of Cardiovascular disease in the Elderly trial. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: COMISIÓN EUROPEA.

FIS.160191. Efectos de la Administración Intravenosa de Acetilsalicilato de Lisina versus Aspirina Oral sobre la Respuesta Plaquetaria en Pacientes con un Infarto Agudo de Miocardio con Elevación del Segmento ST: un estudio farmacodinámico (estudio ECCLIPSE-STEMI). PI: LUIS DAVID VIVAS BALCONES. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.160840. ESTUDIO PILOTO ALEATORIZADO SOBRE LA EFICACIA DE LA CORONARIOGRAFÍA URGENTE EN LOS PACIENTES CON ECG NO DIAGNÓSTICO TRAS UNA PARADA CARDIACA EXTRAHOSPITALARIA RECUPERADA (COUPE). PI: ANA VIANA TEJEDOR. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

H2H. Athero-Brain The Heart to Head (H2H) – Spain Study. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: Fundación para la Investigación Biomédica Hospital Universitario 12 de Octubre.

REBOOT. TReatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (tratamiento con betabloqueantes tras infarto de miocardio sin fracción de eyección reducida). PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: CNIC.

TAKO-BRIAN. Tako-Tsubo-Brain Project. Estudio para identificar los mecanismos psicológicos, neuropsicológicos del SD de Tako-Subo. PI: IVAN NUÑEZ GIL. Funding Organisation: FIS.

DEFINE FLOW. Distal Evaluation of Functional performance with Intravascular sensors to assess the Narrowing Effect – Combined pressure and Doppler FLOW velocity measurements. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: Academic Medical Center, Amsterdam University.

NON COMPETITIVE FUNDING

AFO.M04CNIC. TERCER CONVENIO DE COLABORACION CIENTIFICA PARA LA REALIZACION DE PROYECTOS DE INVESTIGACION EN EL AMBITO CLINICO DENTRO DEL CAMPO DE LAS ENFERMEDADES CARDIOVASCULARES. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: FUNDACION CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES CARLOS III.

CONV14/060. Prestación de servicios de farmacovigilancia durante la realización del estudio PRATICEL. PI: LUIS DAVID VIVAS BALCONES. Funding Organisation: ALPHA BIORESEARCH S.L.

CONV16/158. PARTICIPACIÓN FUNDACIÓN RAMÓN DOMÍNGUEZ EN EL ESTUDIO SECURE (Protocolo 633765). PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA DE SANTIAGO DE COMPOSTELA.

CONV16/159. PARTICIPACIÓN FUNDACIÓN NOVOA SANTOS EN EL ESTUDIO SECURE (Protocolo 633765). PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: FUNDACIÓN PROFESOR NOVOA SANTOS.

CONV17/002. Participación SUMMA 112 realización del EEC ECCLIPSE cuyo Promotor es la FIBHCSC (EECC financiado con cargo a fondos públicos). PI: LUIS DAVID VIVAS BALCONES. Funding Organisation: SERVICIO DE URGENCIA MEDICA DE MADRID.

CONV17/150. Prestación servicios por la FIBH12 octubre en relación con el estudio ECCLIPSESTEMI. PI: LUIS DAVID VIVAS BALCONES. Funding Organisation: FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO 12 DE OCTUBRE.

ECL.16/001. Prevención Secundaria de la Enfermedad Cardiovascular en Ancianos (SECURE). PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ.

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: ANTONIO IGNACIO FERNÁNDEZ ORTIZ.

ECL.2018/018. Estudio de fase IIb, randomizado, controlado con placebo para evaluar la seguridad y la eficacia de MEDI6012 en el infarto de miocardio agudo con elevación del segmento ST. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ.

ECL.2019/017. Un estudio de fase II, doble ciego, controlado con principio activo sobre la seguridad y la eficacia del ajuste de dosis de Fibrinogen (QGC001) comparado con Ramipril administrados por vía oral dos veces al día durante 12 semanas para prevenir la disfunción. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ.

PACIFIC. Randomized, placebo controlled, double-blind, parallel group, dose-finding Phase 2 study to evaluate the efficacy and safety of BAY 2433334 in participants following an acute myocardial infarction. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: BAYER.

QUORUM. A Phase 2, Double-blind, Active-controlled, Dose-titrating Efficacy and Safety Study of Fibrinogen (QGC001) Compared to Ramipril Administered Orally, Twice Daily, Over 12 Weeks to Prevent Left Ventricular Dysfunction after Acute Myocardial Infarction Short Title: Quantum Genomics Fibrinogen (QGC001) or Ramipril after Acute Myocardial Infarction for Prevention of Left Ventricular Dysfunction (QUORUM) PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: Quantum Genomics."

REAL TIMI 63. A Randomized, Placebo-controlled Phase 2b Study to Evaluate the Safety and Efficacy of MEDI6012 in Acute ST Elevation Myocardial Infarction. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: COVANCE.

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 (REFORM. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: BIOSENSORS."

GLOBAL SIMPLICITY. Estudio Observacional. Registro de producto sanitario. Global Simplicity Registry. PI: IVAN NUÑEZ GIL. Funding Organisation: Medtronic Bakken Research Center.

COBRA. Sistema de endoprótesis coronaria COBRA PzF en arterias coronarias nativas para conseguir una cicatrización temprana, inhibir la formación de trombos, acelerar la endotelización y evitar la doble antiagregación prolongada. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: CELONOVA.

COMPLETE. Estudio aleatorizado para comparar la eficacia de la estrategia de revascularización completa frente a la de solamente el vaso responsable en el tratamiento de las coronariopatías que afectan a varios vasos tras una intervención coronaria percutánea primaria debida a un infarto de miocardio con elevación del segmento ST PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: Population Health Research Institute. PHRI."

DALCOR. 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: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: DALCOR Pharmaceuticals.

KISS.Keep Bifurcation Single Stenting Simple. PI: ANTONIO IGNACIO FERNÁNDEZ ORTIZ. Funding Organisation: CERC.

OWN FUNDING

RAMSON. Denervación renal en disautonomía. REGISTRO RANSOM (Renal Arterial deNervation in Sympathetic dysautonomia). PI: IVAN NUÑEZ GIL. Funding Organisation: FIC.

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: IVAN NUÑEZ GIL. Funding Organisation: FIC.

CV.10 Myocardial Regeneration Therapy

COMPETITIVE FUNDING

FIS.171685. Evaluación de los factores biológicos asociados a la trombo-sis valvular como causa de disfunción protésica precoz en pacientes con estenosis aórtica severa sometidos a TAVI. PI: PILAR JIMÉNEZ QUEVEDO. 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 transcater: ensayo clínico aleatorizado. PI: LUIS NOMBELA FRANCO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ECL.13/044. Efecto de la infusión intracoronaria de células mononucleares derivadas de la médula ósea (CMN-MO) sobre la mortalidad por cualquier causa en el infarto agudo de miocardio. PI: PILAR JIMÉNEZ QUEVEDO. Funding Organisation: Queen Mary and Westfield College. University of London. United Kingdom.

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 REPLAZO DE LA VÁLVULA AÓRTICA POR VÍA PERCUTÁNEA. ESTUDIO MARE. PI: LUIS NOMBELA FRANCO. Funding Organisation: QUEBEC HEART AND LUNG INSTITUTE. Laval University, Quebec City, QC, Canada.

ECL.18/217. Reducción de los síntomas de congestión pulmonar utilizando la derivación V-wave en la insuficiencia cardíaca avanzada. PI: LUIS NOMBELA FRANCO. Funding Organisation: V-Wave Ltd., 9 Ha'Hadas St, Or Akiva, Israel.

CV.11 Cardiovascular Risk

COMPETITIVE FUNDING

ACA.FEMI.19. ESTUDIO PILOTO EN TRES CENTROS DE LA PROVINCIA DE SEGOVIA DE UNA COHORTE EN SEGUIMIENTO. ESTUDIO DE SÍNDROME METABOLICO, DIETA Y CARACTERIZACIÓN DE LA MICROBIOTA INTESTINAL. PI: ARTURO CORBATÓN ANCHUELO. Funding Organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA.

AEF.SEC.17. Estudio de la relación entre inflamación y microbiota intestinal en el desarrollo y progresión de la insuficiencia cardíaca. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: SOCIEDAD ESPAÑOLA DE CARDIOLOGÍA.

DGG.C01GIL.17. UNDERSTANDING THE MOLECULAR MECHANISMS OF HIV-ASSOCIATED ATHEROSCLEROSIS. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: GILEAD SCIENCES, S.L.

DGG.CPP.18. Contratación de investigadores posdoctorales e investigadores posdoctorales 2018. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

DGG.F01SEA. Identificación de un perfil de microbiota intestinal asociado al riesgo de desarrollo de aterosclerosis coronaria en sujetos sin enfermedad cardiovascular previa. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: SOCIEDAD ESPAÑOLA DE ARTERIOESCLEROSIS.

DGG.P04.PAIE.20. PROGRAMA DE APOYO A PROYECTOS DE INVESTIGADORES ESTABILIZADOS: Identificación de nuevas dianas para el diagnóstico no invasivo de la disfunción de la microcirculación coronaria

en pacientes con cardiopatía isquémica estable. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: Sin información.

DGG.PAID.18. AIRTEC-CM: EVALUACIÓN INTEGRAL DE LA CALIDAD DEL AIRE URBANO Y CAMBIO CLIMÁTICO. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

MMB.FEMI.19. Estratificación pronóstica y terapéutica mediante la escala PROFUND en pacientes pluripatológicos con Insuficiencia Cardíaca. Registro PROFUND-IC. PI: MANUEL MENDEZ BAILON. Funding Organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA.

PIE16/00043. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

CONV15/040. Acuerdo confidencialidad con el fin de valorar la posibilidad de alcanzar acuerdos "Estudio de la relación entre inflamación, malnutrición y microbiota intestinal en el desarrollo y progresión de la insuficiencia cardíaca". PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: NUTRICION MEDICA S.L.

CONV15/040. Acuerdo confidencialidad con el fin de valorar la posibilidad de alcanzar acuerdos "Estudio de la relación entre inflamación, malnutrición y microbiota intestinal en el desarrollo y progresión de la insuficiencia cardíaca". PI: NIEVES MARTELL CLAROS. Funding Organisation: NUTRICION MEDICA S.L.

CONV18/181. Acuerdo Marco de Licencia de uso de la aplicación informática "Xolomon". PI: JAVIER MARCO MARTÍNEZ. Funding Organisation: XOLOMON TREE, S.L.

CONV19/119. Convenio colaboración AIRTEC (Proyecto CAM). PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

CONV19/131. Convenio en relación al proyecto AIRTEC para acordar, entre otras cuestiones, la distribución de los fondos. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID.

DGG.M01CITO. Unidad Transversal de Citometría de Flujo. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: Sin información.

DGG.M08CURSO. VIII Curso de Caracterización de Células in vitro: La Citometría de Flujo del 10 al 14 de diciembre de 2018. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: Sin información.

DGG.M09CURSO. IX Curso de Caracterización de Células in vitro: La Citometría de Flujo del 24 al 28 de febrero de 2020. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: Sin información.

ECL.09/193. EVOLUCIÓN COGNITIVO-FUNCIONAL POST-ICTUS Y CONTROL DE LOS FACTORES DE RIESGO CARDIOVASCULAR. PI: NIEVES MARTELL CLAROS. Funding Organisation: Sin información.

ECL.15/080. Evaluación, en pacientes con procesos médicos, de rivaroxaban frente a placebo en la reducción del riesgo de tromboembolismo venoso después del alta hospitalaria. (MARINER). PI: JOSE MARÍA PEDRAJAS NAVAS. Funding Organisation: Sin información.

ECL.15/344. Estudio a largo plazo, aleatorizado, doble ciego, controlado con placebo para determinar el efecto de Albiglutida, cuando se añade al tratamiento hipoglucemiante estándar, sobre eventos cardiovasculares mayores en pacientes con Diabetes Mellitus Tipo2. PI: NIEVES MARTELL CLAROS. Funding Organisation: Sin información.

ECL.2019/023. Estudio multicéntrico, aleatorizado, doble ciego, controlado con placebo, de grupos paralelos y de 28 semanas de duración para evaluar la eficacia, la seguridad y los efectos sobre la calidad de vida de daprodustat en comparación con placebo en participan. PI: MANUEL MENDEZ BAILON. Funding Organisation: Sin información.

MCN.F01LDES. INVESTIGACION UNIDAD HIPERTENSIÓN ARTERIAL. PI: NIEVES MARTELL CLAROS. Funding Organisation: LABORATORIOS ESTEVE S.A.

MMB.F01SEMI. Donación para la realización del proyecto del proyecto CARABELA. PI: MANUEL MENDEZ BAILON. Funding Organisation: SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA.

MMB.F01VIF. Donación para el estudio "Análisis de los procedimientos endoscópicos (endoscopia y colonoscopia) en el paciente hospitalizado por insuficiencia cardíaca. (2001-2015)". PI: MANUEL MENDEZ BAILON. Funding Organisation: VIFOR PHARMA ESPAÑA S.L.

CONV20/052. Acuerdo de prestación de servicios para la Creación de la Base de datos online plnvestiga Pro, mantenimiento e importación de bases de datos. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: GALAXIA EMPÍRICA.

CONV21/052. Acuerdo de prestación de servicios para la Creación de la Base de datos online plnvestiga Pro, mantenimiento e importación de bases de datos. PI: DULCENOMBRE GÓMEZ GARRE. Funding Organisation: GALAXIA EMPÍRICA.

INFLAMMATION, INFECTION, IMMUNITY AND ALLERGY

IIIA.1 Allergy

COMPETITIVE FUNDING

FIS.200219. Ensayo clínico multicéntrico, abierto, controlado, aleatorizado, para evaluar la eficacia de la aplicación OITcontrol en la monitorización de los pacientes en ITO con alimentos. PI: SONIA VÁZQUEZ CORTÉS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

ECL.15/305. Impacto de los inhibidores de la bomba de protones en la distribución de la dosis umbral en pacientes con alergia a la nuez. PI: MARÍA MONTSERRAT FERNÁNDEZ RIVAS.

FIS.160819. Efecto de la intervención 'escalera de la leche' en el desarrollo de tolerancia y en el reconocimiento de epítomos de células B en niños alérgicos a proteínas de leche de vaca. PI: INMACULADA CERECEDO CARBALLO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191095. Gravedad de las reacciones alérgicas: del fenotipo al endotipo. PI: MARÍA MONTSERRAT FERNÁNDEZ RIVAS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191273. Estudio de la alteración de la barrera mucosa en las enfermedades alérgicas (SIMBAD). PI: LETICIA SÁNCHEZ MORILLAS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.190044. Patología alérgica grave: validación de biomarcadores y nuevas estrategias de intervención (VABMAN). PI: LETICIA SÁNCHEZ MORILLAS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.190497. Aproximación genómica, transcriptómica y epigenómica al estudio de Biomarcadores diagnósticos y pronósticos en el Síndrome de la Enterocolitis Inducida por Proteínas Alimentarias (Proyecto BIO-FPIES). PI: SONIA VÁZQUEZ CORTÉS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

IIIA.2 Genetics and molecular bases of complex diseases

COMPETITIVE FUNDING

CNP.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

CNP.F01FECYT. Nuevo método diagnóstico para celíacos. PI: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA.

CNP.FACE.17. Búsqueda de marcadores diagnósticos en enfermedad celíaca: estudio molecular tras provocación con gluten. PI: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: FEDERACIÓN DE ASOCIACIONES DE CELÍACOS DE ESPAÑA (FACE).

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: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

EUG.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: ELENA URCELAY GARCÍA. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

EUG.P04.PAIE.20. PROGRAMA DE APOYO A PROYECTOS DE INVESTIGADORES ESTABILIZADOS: Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva. PI: ELENA URCELAY GARCÍA.

EUG.YEI.17. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: ELENA URCELAY GARCÍA. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

FIS.161259. ESCLEROSIS MÚLTIPLE DE LOS POLIMORFISMOS DE RIESGO A LAS RUTAS IMPLICADAS A TRAVÉS DEL TRANSCRIPTOMA. PI: ELENA URCELAY GARCÍA. 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: MARÍA CONCEPCIÓN NÚÑEZ PARDO DE VERA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PEJ18/003125. Nuevas estrategias en cultivo celular. PI: ELENA URCELAY GARCÍA. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

PI20/01634. Explorando los orígenes del daño en Esclerosis Múltiple. PI: ELENA URCELAY GARCÍA; LAURA ESPINO PAISAN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

COG.F01BIO. APOYO A LOS PACIENTES CON ESCLEROSIS MÚLTIPLE PARA MEJORAR LA CALIDAD DE VIDA DESDE EL HOSPITAL. PI: CELIA OREJA GUEVARA. Funding Organisation: FUNDACION BIOGEN IDEC.

COG.F02MER. Programa de atención al paciente con Esclerosis Múltiple y deterioro cognitivo. PI: CELIA OREJA GUEVARA. Funding Organisation: MERCK, S.L.U.

COG.F03BIO. Proyecto de desarrollo de registro de esclerosis múltiple secundaria progresiva y neuromielitis óptica, en el Servicio de Neurología del Hospital Clínico San Carlos. PI: CELIA OREJA GUEVARA. Funding Organisation: FUNDACION BIOGEN IDEC.

IIIA.3 Musculoskeletal Pathology

COMPETITIVE FUNDING

CPH17/00014. RRHH "Miguel Servet II" Luis Rodríguez Rodríguez. PI: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EUR.COVIDX. COVID eXponential Programme. PI: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: COMISIÓN EUROPEA.

EUR.PREDIRA. PRediction mEdical Device for Rheumatoid Arthritis. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT).

EUR.VALUE. Value based healthcare supported by process mining tools. PI: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: EUROPEAN INSTITUTE OF INNOVATION AND TECHNOLOGY (EIT).

FIS.1501595. Potencial inmunomodulador de las vesículas extracelulares derivadas de células madre mesenquimales en la artritis reumatoide: papel de los micro ARNs. PI: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.160549. Tratamiento artroscópico de las lesiones del manguito rotador mediante el trasplante alógeno de células madre mesenquimales de lipoaspirado. PI: YAIZA LOPIZ MORALES. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

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: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.181188. Predicción en la evolución de la Artritis Reumatoide mediante técnicas de "machine learning". PI: LYDIA ABÁSOLO ALCAZAR. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

ICI19/00020. Eficacia, seguridad y coste-efectividad del metotrexato, adalimumab, o su combinación en uveítis no anterior ni infecciosa: un estu-

dio multicéntrico, aleatorizado, paralelo de 3 brazos, con control activo, de fase 3, abierto, con evaluador cegado: Co-THEI. PI: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

INT19/00035. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. 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: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: SOCIEDAD DE REUMATOLOGÍA DE LA COMUNIDAD DE MADRID.

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: LUIS RODRÍGUEZ RODRÍGUEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PMP15/00032. CONVENIO DE COLABORACIÓN PARA EL DESARROLLO DEL PROYECTO DE MEDICINA PERSONALIZADA "FACILIT CLINICAL VALIDATION OF GENETIC MARKERS TO PREDICT PERSISTENT REMISSION IN RHEUMATOID ARTHRITIS PATIENTS TREATED WITH BIOLOGICAL THERAPY (REM-RABIT)". PMP15/00032. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ANB.C01BOE. Proyecto de colaboración para la mejora de la gestión del diagnóstico en paciente con FPI. PI: MARÍA ASUNCIÓN NIETO BARBERO. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

BFG.C04ROC. Convenio de Colaboración para la financiación del "Plan de publicaciones 2019-2020 de la Unidad de Gestión Clínica de Reumatología del Hospital Clínico San Carlos de Madrid". PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: ROCHE FARMA S.A.U.

BFG.F07FEM. COFINACIÓN CONTRATOS MIGUEL SERVET ÁREA DE REUMATOLOGÍA. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: FUNDACION ENFERMEDADES MUSCULOESQUELETICAS.

BFG.F09FEM. Donación para el Programa Epidemiología. Estudios Clínicos. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: FUNDACION ENFERMEDADES MUSCULOESQUELETICAS.

BFG.F10FEM. Donación para el desarrollo de Interfaz de datos integrable en Genesis" en la Unidad de Investigación de Reumatología. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: FUNDACION ENFERMEDADES MUSCULOESQUELETICAS.

CON19/202. Intensificación Benjamín Fernández Gutiérrez. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ. Funding Organisation: HOSPITAL CLINICO SAN CARLOS.

CONV20/025. Convenio colaboración proyecto de evaluación del procedimiento de gestión de solicitud de pruebas para medir la mejora de las peticiones y de gestión de tiempos de demora. PI: MARÍA ASUNCIÓN NIETO BARBERO. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

CONV20/033. PRESTACIÓN DE SERVICIOS DE GENÓMICA Y SECUENCIACIÓN MASIVA PARA EL ANÁLISIS DE LA SECUENCIA GPDH PARA LA FIBHCSC EN EL MARCO DEL PROYECTO PI 16/00549. PI: YAIZA LOPIZ MORALES. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

CONV20/137. Contrato de prestación de servicios por LAB-EDUCATECH en el marco del Proyecto "Desarrollo de Modelos Biomecánicos en cirugía osteoarticular. PI: FERNANDO MARCO MARTÍNEZ. Funding Organisation: LAB-EDUCATECH S.L.

ECL.16/129. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO COMPARANDO ABT-494 15MG UNA VEZ AL DIA EN MONOTERAPIA Y ABT-494 30 MG UNA VEZ AL DIA EN MONOTERAPIA FRENTE A METOTREXATO (MTX) EN MONOTERAPIA EN SUJETOS NO TRATADOS PREVIAMENTE CON MTX CON ARTRITIS REUMATOIDE A. PI: JUAN ÁNGEL JOVER JOVER.

ECL.2016/019. Estudio de fase 3, aleatorizado, doble ciego para comparar ABT-494 con placebo en tratamiento estable con fármacos antirreumáticos modificadores de la enfermedad sintéticos convencionales (FARMEsc) en sujetos con artritis reumatoide de actividad moderada. PI: JUAN ÁNGEL JOVER JOVER.

ECL.2018/123. Ensayo multicéntrico de fase III aleatorizado, doble ciego, de grupos paralelos y controlado por placebo para evaluar la eficacia y

la seguridad de 2 dosis de GLPG1690 en adición al tratamiento habitual durante al menos 52 semanas en sujetos con fibrosis. PI: MARÍA ASUNCIÓN NIETO BARBERO.

FMM.F01GRU. DONACIÓN PARA EL GRUPO DE PATOLOGÍA MUSCULOESQUELÉTICA. PI: FERNANDO MARCO MARTÍNEZ. Funding Organisation: GRÜNENTHAL PHARMA SA.

LAA.M01PFI. Colaboración económica (Grant) para la realización del proyecto "Enfermería en Reumatología 2.0: Cerrando la brecha entre las necesidades del paciente y el acceso a la atención". PI: LUIS RODRÍGUEZ RODRÍGUEZ/LYDIA ABÁSULO ALCAZAR. Funding Organisation: PFIZER-INC.

LAL.F01DON. Donación para la realización del proyecto: "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: LYDIA ABÁSULO ALCAZAR. Funding Organisation: FUNDACION ENFERMEDADES MUSCULOESQUELETICAS.

ECL.REUMAT. PROGRAMA DE APOYO DEL SERVICIO DE REUMATOLOGÍA. PI: BENJAMÍN FERNÁNDEZ GUTIÉRREZ.

JJJ.F01ABB. Donación de Abbvie para la realización de actividades de investigación del Servicio de Reumatología del HCSC cuya gestión lleva a cabo la FIB. PI: JUAN ÁNGEL JOVER JOVER. Funding Organisation: ABVIE SPAIN, S.L.U.

IIIA.7 Molecular and Epidemiological Study of Resistant Microorganisms of Clinical Interest

NON COMPETITIVE FUNDING

ADI.F01IIIA7. Donación para el Grupo de Investigación: Estudio molecular y epidemiológico de microorganismos resistentes de interés clínico. PI: ALBERTO DELGADO-IRIBARREN GARCIA-CAMPERO. Funding Organisation: GENOMICA S.A.

ADI.M01UCM. Prestación servicios Estudio serológico de prevalencia IgM/IgG contra el SARS-CoV-2 en la población del Municipio de Arganda del Rey en colaboración con la Universidad Complutense de Madrid". PI: ALBERTO DELGADO-IRIBARREN GARCIA-CAMPERO. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

ECL.05/005. LINEZOLID EN EL TRATAMIENTO DE PACIENTES CON NEUMONIA INTRAHOSPITALARIA DEBIDO A STAPHYLOCOCCUS AUREUS RESISTENTE A METICILINA. PI: JUAN JOSÉ PICAZO DE LA GARZA.

ECL.08/313. Comparative Activity of Carbapenem Testing Etest Study (COMPComparative Activity of Carbapenem Testing Etest Study (COMPACT). PI: JUAN JOSÉ PICAZO DE LA GARZA.

ECL.08/314. Ceftobiprole Local Antibiotic Susceptibility Surveillance Study (CLASS). PI: JUAN JOSÉ PICAZO DE LA GARZA.

ECL.MICROB. PROGRAMA DE APOYO DEL SERVICIO DE MICROBIOLOGÍA. PI: ALBERTO DELGADO-IRIBARREN GARCIA-CAMPERO.

PMA.C01MSD. Financiación de la publicación del Proyecto "Proyecto validación de una escala de riesgo de recurrencia de ICD". PI: PALOMA MERINO AMADOR. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

IIIA.8 Kidney transplant

NON COMPETITIVE FUNDING

ASF.C01NOV. Proyecto de implantación del sistema de gestión de calidad para la mejora en el seguimiento de pacientes trasplantado. PI: ANA ISABEL SÁNCHEZ FRUCTUOSO. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

ASF.M01WYE. Realización del Estudio titulado "Influence of Polymorphisms of VEGF in the development of mTOR inhibitors induced proteinuria". PI: ANA ISABEL SÁNCHEZ FRUCTUOSO. Funding Organisation: WYETH FARMA S.A.

FIS.161135. Estudio de biomarcadores predictivos en trasplante renal de donantes en asistolia. PI: JOSÉ LUIS SANTIAGO ÁLVAREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

. Estudio BH-IMBG-2020 002 TR. Caracterización de las curvas dosis-respuesta y del funcionamiento clínico del Inmunobiograma, un nuevo método de diagnóstico in vitro para evaluar el perfil de resistencia a inmunosupresores en una muestra representativa de pacientes con Trasplante Renal. PI: ANA ISABEL SÁNCHEZ FRUCTUOSO. Funding Organisation: BIOHOPE.

. Código de protocolo: 212340 (ZOSTER-073 EXT:041 Y4-10), Número EudraCT: 2019-001815-21, Título: "A phase IIIB, open label, long term follow-up study to assess persistence of immune responses to GSK's HZ/su vaccine 4-7 years after primary vaccination; and immunogenicity and safety assessment of revaccination with 2 additional doses of HZ/su vaccine, administered 1-2 months apart, 6-8 years after primary vaccination of adults with renal transplant from study ZOSTER-041". PI: ANA ISABEL SÁNCHEZ FRUCTUOSO. Funding Organisation: GLAXO.

. Impacto de los niveles de tacrolimus en la prevención del rechazo en pacientes de edad avanzada receptores de trasplante renal de novo: estudio observacional prospectivo en las condiciones de la práctica clínica habitual". Estudio BITÁCORA. PI: NATIVIDAD CALVO ROMERO. Funding Organisation: CHIESI.

IIIA.9 Infectious Diseases/HIV

COMPETITIVE FUNDING

COV20/00612. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital. PI: VICENTE ESTRADA PÉREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

CRM.C01GIL18. CURSOS DE FORMACIÓN SOBRE INFECCIONES DE TRANSMISIÓN SEXUAL Y HEPATITIS VÍRICAS Y SU CORRELACIÓN CON EL VIH, DIRIGIDOS A PROFESIONALES DE LA SALUD. PI: CARMEN RODRÍGUEZ MARTÍN. Funding Organisation: GILEAD SCIENCES, S.L.

JRG.C01GIL18. Diagnóstico precoz de la infección por el VIH y derivación inmediata al Servicio Nacional de Salud, para iniciar tratamiento antirretroviral. PI: JORGE DEL ROMERO GUERRERO. Funding Organisation: GILEAD SCIENCES, S.L.

NON COMPETITIVE FUNDING

ECL.03/182. ENSAYO ABIERTO, DE SEGUIMIENTO A LARGO PLAZO, PARA DETERMINAR LA SEGURIDAD Y LA TOLERANCIA DE LA COMBINACIÓN DE TIPRANAVIR Y RITONA IR EN SUJETOS INFECTADOS POR VIH-1. PI: MARÍA JESÚS TÉLLEZ MOLINA.

ECL.04/164. ESTUDIO ABIERTO, MULTICÉNTRICO Y ALEATORIZADO DE FASE IV PARA EVALUAR LA CINÉTICA VIRAL EN LAS 12 PRIMERAS SEMANAS DE LOS PACIENTES CON HEPATITIS C CRÓNICA GENOTIPOS 1 Y 4 COINFECTADOS POR EL VIRUS DE LA INMUNODEFICIENCIA HUMANA TRATADOS CON DOSIS DE INDUC. PI: MARÍA JESÚS TÉLLEZ MOLINA.

ECL.04/267. ESTUDIO FASE III, MULTICÉNTRICO, ALEATORIZADO, CONTROLADO, ABIERTO, DE TRES BRAZOS DE TRATAMIENTO CON FOSAMPRENAVIR (FVR) / LOPINAVIR (LPV) / RITONAVIR (RTV) 1400 mg / 533mg / 133mg DOS VECES AL DÍA (BID)(UN INHIBIDOR DE LA PROTEASA (IP) DEL VIH-1 DOBLEMEN. PI: VICENTE ESTRADA PÉREZ.

ECL.05/045. ESTUDIO ABIERTO, MULTICÉNTRICO Y ALEATORIZADO DE FASE IV PARA COMPARAR LA EFICACIA Y SEGURIDAD DE DOS DIFERENTES PAUTAS DE TRATAMIENTO DE 24 O 48 SEMANAS DE DURACIÓN EN LOS PACIENTES CON HEPATITIS C CRÓNICA GENOTIPOS 2 Y/O COINFECTADOS POR EL VIRUS DE INM. PI: MARÍA JESÚS TÉLLEZ MOLINA.

ECL.05/084. ESTUDIO PILOTO ALEATORIZADO Y ABIERTO QUE COMPARA EL CAMBIO A TRIZIVIR FRENTE AL MANTENIMIENTO DEL TRATAMIENTO PREVIO EN PACIENTES CON INFECCIÓN CRÓNICA POR VIH Y CIRROSIS SECUNDARIA A HEPATITIS C. PI: MARÍA JESÚS TÉLLEZ MOLINA.

ECL.06/002. ESTUDIO TOXICOGENÓMICO DE CASOS Y CONTROLES PARA IDENTIFICAR POLIMORFISMOS GENÉTICOS ÚNICOS EN PACIENTES QUE HAN PRESENTADO HEPATOTOXICIDAD SINTOMÁTICA O TOXICIDAD CUTÁNEA GRAVE DURANTE LAS PRIMERAS 8 SEMANAS DE TRATAMIENTO CON NEVIRAPINA. PI: JORGE VERGAS GARCÍA.

ECL.07/259. ENCUESTA SOBRE CAMBIOS EN EL ASPECTO FÍSICO EN PACIENTES VIH CON TARGA. PI: JORGE VERGAS GARCÍA.

ECL.08/049. ENCUESTA SOBRE EL IMPACTO DE LA INFECCIÓN POR EL VIH Y EL TRATAMIENTO ANTIRRETROVIRAL EN LA ESFERA SEXUAL DE LA MUJER. PI: VICENTE ESTRADA PÉREZ.

ECL.10/250. ESTUDIO DE PAREJAS VIH SERODIFERENTES PARA ESTIMAR EL PORCENTAJE DE TRANSMISIÓN DEL VIH E INVESTIGAR LOS FACTORES ASOCIADOS CON EL USO DE PRESERVATIVOS. ESTUDIO PARTNER. PI: VICENTE ESTRADA PÉREZ.

ECL.11/037. MOMENTO ESTRATÉGICO PARA EL INICIO DE LA TERAPIA ANTIRETROVIRAL. START. PI: VICENTE ESTRADA PÉREZ.

ECL.12/096. ESTUDIO DE ENFERMEDADES INDICADORAS DE VIH EN EUROPA. PI: VICENTE ESTRADA PÉREZ.

ECL.14/016. EFECTOS DE UNA INTERVENCIÓN NUTRICIONAL INMUNOMODULADORA SOBRE LA RECUPERACIÓN INMUNOLÓGICA DE PACIENTES CON VIH DIAGNOSTICADOS TARDÍAMENTE. PI: VICENTE ESTRADA PÉREZ.

ECL.15/302. ESTUDIO FASE III, MULTICÉNTRICO, ABIERTO, RANDOMIZADO, PARA EVALUAR EL CAMBIO A MK1439A EN PACIENTES CON SUPRESIÓN VIROLÓGICA INFECTADOS POR EL VIH-1 EN UN REGÍMEN DE UN INHIBIDOR DE PROTEASA POTENCIADO CON RITONAVIR Y DOS INHIBIDORES DE LA TRANSCRIPTASA. PI: VICENTE ESTRADA PÉREZ.

ECL.2016/011. ESTUDIO DE FASE 3, ALEATORIZADO Y DOBLE CIEGO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE GS-9883/EMTRICITABINA/TENOFOVIR ALAFENAMIDA EN COMPARACIÓN CON ABACAVIR/DOLOUTEGRAVIR/LAMIVUDINA EN ADULTOS INFECTADOS POR EL VIH-1 SIN TRATAMIENTO ANTIRRETROVIRAL PREV. PI: VICENTE ESTRADA PÉREZ.

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: VICENTE ESTRADA PÉREZ.

VEP.C02JAN. Convenio de colaboración para la realización por el Dr. Estrada del proyecto "Polifarmacia en pacientes con infección VIH". PI: VICENTE ESTRADA PÉREZ. Funding Organisation: JANSSEN-CILAG S.A.

VEP.F01ABV. ACTIVIDADES DE INVESTIGACIÓN EN EL ÁREA DEL VIH. PI: VICENTE ESTRADA PÉREZ. Funding Organisation: ABBVIE SPAIN, S.L.U.

VEP.F01FFC. DONACIÓN PARA LAS ACTIVIDADES DE INVESTIGACIÓN DE ENSAYOS CLÍNICOS EN EL CAMPO DEL VIH. PI: VICENTE ESTRADA PÉREZ. Funding Organisation: FUNDACIÓN FERNÁNDEZ-CRUZ.HCSC.

VEP.M01VIH. ESTUDIO MICRO VIH. PI: VICENTE ESTRADA PÉREZ.

20/504-E. AN OPEN, MULTI-CENTRE STUDY TO EVALUATE THE SAMPLING METHOD FOR THE DETECTION OF HERPES SIMPLEX VIRUS TYPE 2 (HSV-2) IN ADULTS AGED 18 TO 50 YEARS WITH HSV-2 RECURRENT GENITAL HERPES. PI: JUAN BALLESTEROS MARTÍN. Funding Organisation: GLAXOSMITHKLINE, S.A.

IIIA.10 Research on INA Infectious Disease

COMPETITIVE FUNDING

EUR.REACH. REACH: Russian European Alliance for research among women, Children and adolescents impacted by HIV, TB and HCV. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: COMISIÓN EUROPEA.

JRA.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NON COMPETITIVE FUNDING

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 d. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: INSTITUT RECERCA HOSPITAL UNIVERSITARI VALL D'HEBRON.

CONV16/155. RED ESPAÑOLA DE ENSAYOS CLÍNICOS PEDIÁTRICOS (RECLIP). PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: FUNDACIÓN INVESTIGACIÓN BIOMÉDICA HOSPITAL GREGORIO MARAÑÓN.

CONV18/176. Convenio colaboración para el desarrollo del proyecto REACH: Russian European Alliance for research among women, Children and adolescents impacted by HIV, TB and HCV. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO 12 DE OCTUBRE.

EAL.M01CURSO. II CURSO DE INICIACIÓN A CUIDADOS INTENSIVOS PEDIÁTRICOS DEL 23 AL 25 DE MAYO DE 2018. PI: ESTHER ALEO LUJAN.

EAL.M02CURSO. Curso Simulación en Emergencias y Cuidados Intensivos Pediátricos del 26 y 27 octubre 2018. PI: ESTHER ALEO LUJAN.

EAL.M03CURSO. II Curso Simulación en Emergencias y Cuidados Intensivos Pediátricos 18 y 19 de octubre de 2019. PI: ESTHER ALEO LUJAN.

ECL.14/540. ESTUDIO DE FASE III DE FOSFATO DE TEDIZOLID DURANTE SEIS DÍAS DE I. V. A ORAL EN COMPARACIÓN CON EL COMPARADOR DURANTE 10 DÍAS EN SUJETOS DE 12 A < 18 AÑOS CON IPPBc. PI: JOSE TOMAS RAMOS AMADOR.

ECL.15/435. Estrategia para el Mantenimiento de la Supresión VIH con un inhibidor de integrasa una vez al día + darunavir/ritonavir en niños (PENTA17: SMILE). PI: JOSE TOMAS RAMOS AMADOR.

ECL.15/563. Estudio multicéntrico de fase IV, abierto, no aleatorizado para evaluar la inmunogenicidad y seguridad de Infanrix hexa® administrada como vacunación primaria en niños sanos, nacidos de madres que recibieron Boostrix® durante el embarazo o en el postparto. PI: JOSE TOMAS RAMOS AMADOR.

ECL.16/029. Ensayo aleatorizado de tratamiento antirretroviral con dolutegravir (DTG) comparado con el tratamiento estándar (TE) en niños con infección VIH que inician tratamiento de primera línea o de segunda línea. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: .

ECL.2016/023. Estudio multicéntrico de fase IV, abierto, no aleatorizado para evaluar la inmunogenicidad y seguridad de una dosis de recuerdo de Infanrix hexa® en niños sanos, nacidos de madres vacunadas con Boostrix® durante el embarazo o en el postparto inmediato. PI: JOSE TOMAS RAMOS AMADOR.

ECL.2016/045. Estudio de fase Ib aleatorizado, parcialmente doble ciego, controlado con placebo para determinar la farmacocinética, seguridad y tolerabilidad de múltiples dosis de JNJ-53718678 administrado por vía oral en niños hospitalizados con infección por VRS. PI: JOSE TOMAS RAMOS AMADOR.

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: ENRIQUE CRIADO VEGA.

JRA.C01ALO. El objeto del Convenio es establecer una colaboración en lo relativo al Proyecto de investigación titulado "Inmunogenicidad y efectividad de vacuna tetravalente frente a meningococo en niños y adolescentes con VIH". PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: FUNDACIÓN FAMILIA ALONSO.

JRA.F0111A.10. Donaciones para el Grupo de Investigación en Infectología del INIA. PI: JOSE TOMAS RAMOS AMADOR. Funding Organisation: CARRERA.

SRE.M01NOV. Patrocinio XIV CURSO PARA EDUCADORES EN ASMA 16 y 17 de febrero de 2018. PI: SANTIAGO RUEDA ESTEBAN. Funding Organisation: NOVARTIS FARMACEUTICA S.A..

TRA.M01PENTA. ESTUDIO DEL VIRUS VIH. OBSERVACIÓN, SEGUIMIENTO DE COHORTES Y ESTUDIO DE CASOS. COLABORACIÓN COHORTES EUROPEAS DE INVESTIGACIÓN VIH EN PEDIATRÍA (EPPIC). PI: JOSE TOMAS RAMOS AMADOR.

IIIA.11 Cell-biomaterial Interactions (BIO UCM)

COMPETITIVE FUNDING

Nanomateriales regenerativos en escenarios de patología ósea: osteoporosis e infección. PI: D.Arcos y M.T.Portolés. Funding Organisation: Ministerio de Economía y Competitividad. Convocatoria 2016, Modalidad I: Proyectos de I+D+i, del programa estatal de investigación, desarrollo e innovación orientada a los Retos de la Sociedad (Referencia MAT2016-75611-R) .

A step forward to spinal cord injury repair using innovative stimulated nanoengineered scaffolds. PI: M.T.Portolés. Funding Organisation: European Union's Horizon 2020 research and innovation programme. Call: H2020-FETOPEN-2018-2019-2020-01 (Referencia 829060).

IIIA.12 Immunology

COMPETITIVE FUNDING

COVID Human Genetic Effort. <https://www.covidhge.com/participating-centers>. Consorcio Internacional. IP: Jean-Laurent Casanova, Helen Su. PI: .

SSR-GAM-2019-01. Proyecto BIRTH. Biomarcadores de la Respuesta a la Terapia de reemplazo con Inmunoglobulinas en pacientes con malignidad Hematológica. Evaluación del efecto de la terapia de reemplazo con Ig sobre la susceptibilidad a infecciones, progresión tumoral y calidad de vida. PI: .

PI1901450 (FIS 2019-478E). Advancing in precision medicine in the recurrent gestational failure of inflammatory cause. PI: Silvia Sánchez-Ramón. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS PI16/01428. Medicina de Precisión en el Fallo Reproductivo Recurrente de Causa Inflamatoria. PI: Silvia Sánchez-Ramón. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

IGEN0206. Estudio fase II para evaluar el impacto de la terapia suplementaria con IGEN-1806 en la calidad de vida de pacientes con cáncer de pulmón no microcítico metastásico. 2019-2021. PI: Silvia Sánchez-Ramón.

IIIA.13 Organ and tissue on chip group and In-Vitro detection

20/320-E_COVID. Testado de la reactividad de los diferentes clones de proteína de la envoltura (S1) del SAR-COV-2. PI: HOLGADO BOLAÑOS, MIGUEL.

COV20/00277. Sistema de detección In-Vitro para el reconocimiento específico de IgGs, IgMs en suero de sangre, así como RNA del SARS-CoV-2 y evaluación de citoquinas. PI: HOLGADO BOLAÑOS, MIGUEL.

IIIA.13 Organ and tissue on chip group and In-Vitro detection

COMPETITIVE FUNDING

VIMPACTO20MHB . PILOTO DE INVESTIGACIÓN, VOLUNTARIO, EXPERIMENTAL Y NO VINCULANTE PARA DETECCIÓN PRECOZ, VIGILANCIA Y CONTROL DE COVID-19 . PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID.

S2018/BAA-4574. Teranóstica de las nanopartículas virales (VNPs) para alergias alimentarias. PI: DIAZ-PERALES, ARACELI. Funding Organisation: COMUNIDAD DE MADRID.

BIO2017-84548-R. Estudio del papel de los ligandos lipídicos transportados por alérgenos en la sensibilización alérgica. PI: DIAZ-PERALES, ARACELI. Funding Organisation: SI.

H2020-ID 768641. Point-of-care device based on KETs for diagnosis of food allergies. PI: DIAZ-PERALES, ARACELI/MIGUEL HOLGADO. Funding Organisation: COMUNIDAD EUROPEA.

MI90060059. Biopieltec-CM: GOFB-UPM. Nuevas tecnologías de fabricación y optimización de tejidos: la piel como sistema modelo. PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: COMUNIDAD DE MADRID.

C180060060. HERON: TRANSDUCTORES AVANZADOS, BIOCHIPS Y PLATAFORMAS DE LECTURA PARA BIOSENSORES DE ALTO RENDIMIENTO, DETECCIÓN DE LIQUIDOS Y MONITORIZACION DE CELULAS. PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: PLAN ESTATAL.

H2020-ID844464. BITFORM Multiplexed biosensing and tissue-on-a-chip integrated platform for breast cancer biomarkers monitoring. PI: MIGUEL HOLGADO. Funding Organisation: COMUNIDAD EUROPEA.

IND2018/BIO-9650 . Nuevo método de detección temprana del VIH mediante reconocimiento de la proteína p24 en sangre. PI: MIGUEL HOLGADO. Funding Organisation: COMUNIDAD DE MADRID.

IND2019/IND-17207. Funcionalización de biosensores para el desarrollo de una tecnología de diagnóstico capaz de detectar múltiples patologías. PI: MARIAFE LAGUNA. Funding Organisation: COMUNIDAD DE MADRID.

IDI-20190800. ANÁLISIS Y DESARROLLO DE PROTOCOLOS DE DETECCIÓN DE BIOMARCADORES EN MEDIO PURIFICADO Y EN MATRICES DOPADAS CON BIOMARCADORES PURIFICADOS" ADMARKERS . PI: MI-

GUEL HOLGADO. Funding Organisation: CDTI (SUBCONTRATACION BIOD A LA UPM).

OWN FUNDING

20/320-E_COVID. Testado de la reactividad de los diferentes clones de proteína de la envoltura (S1) del SAR-CoV-2. PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: FONDOS PROPIOS.

COV20/00277. Sistema de detección In-Vitro para el reconocimiento específico de IgGs, IgMs en suero de sangre, así como RNA del SARS-CoV-2 y evaluación de citoquinas.. PI: HOLGADO BOLAÑOS, MIGUEL. Funding Organisation: FONDOS PROPIOS.

NEUROSCIENCE

NEC.1 Clinical and Neurobiological Research in Psychiatry and Mental Health

COMPETITIVE FUNDING

PIE16/00043. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: TOMÁS PALOMO ALVAREZ/B. RENESES. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

SUBV.COVID.2020.BRP. Subvenciones Nominativas a las Fundaciones para Covid: COVID-CLIN-SAM: Impacto en la salud mental de la enfermedad COVID-19: una evaluación longitudinal a 12 meses SARS-CoV-2. PI: BLANCA RENESES PRIETO. Funding Organisation: CONSEJERIA DE SANIDAD.

FIS.PI18/00212. Influencia del estilo de apego en la cognición social y sesgos cognitivos en personas con primeros episodios psicóticos, esquizofrenia crónica y controles sanos. PI: JULIA SEVILLA LLEWELLYN-JONES. Funding Organisation: Ministerio de ciencia, innovación y universidades.

MICINN: PID2019-106942RB-C32. INDICA-MED: INformation Discovery and CAtegorization based on language processing for the MEDical domain. PI: JULIA SEVILLA LLEWELLYN-JONES. Funding Organisation: MICINN.

NON COMPETITIVE FUNDING

BRP.M01JAN. PSYCSTAGE" Cómo se ajusta el tratamiento de la Psicosis en la práctica de rutina a una Guía de Práctica clínica basada en un modelo de estadije. PI: BLANCA RENESES PRIETO. Funding Organisation: JANSSEN-CILAG S.A.

BRP.M01OTS. Validación de la escala de valoración autopercebida de estigma social DISC-12 (Discrimination and Stigma Scale) en personas con esquizofrenia. PI: BLANCA RENESES PRIETO. Funding Organisation: OTSUKA PHARMACEUTICAL S.A.

BRP.M03JAN. "DEPSTAGE: Adecuación del tratamiento de la Depresión a una guía de práctica clínica basada en un modelo de estadije de la enfermedad". PI: BLANCA RENESES PRIETO. Funding Organisation: JANSSEN-CILAG S.A.

CONV19/122. Contrato de prestación de servicios para la ejecución del desarrollo de Software de seguimiento para psiquiatría. PI: BLANCA RENESES PRIETO. Funding Organisation: DELTANET SISTEMAS DE INFORMACIÓN S.L.U.

CONV19/124. Contrato prestación de servicios por Fundación San Joan Deu a Lucía Albarracín (la FIB firma sólo como entidad gestora del IdISSC, ya que esta persona es contratada para dar apoyo en el IdISSC a la IP en el HCSC de un proyecto coordinado y gestionado econ. PI: JULIA SEVILLA LLEWELLYN-JONES. Funding Organisation: FUNDACIO PRIVADA PER A LA RECERCA I LA DOCENCIA SANT JOAN DE DEU.

CONV20/173. Proyecto Covid Clin Sam. Impacto en la salud mental de la enfermedad por SARS-CoV-2 en pacientes hospitalizados. PI: BLANCA RENESES PRIETO. Funding Organisation: Fondos IdISSC.

JMM.M01FUJ. "Evaluación del perfil sociodemográfico y clínico y del riesgo de suicidio en los pacientes atendidos en la Urgencia Hospitalaria de

Psiquiatría de un Hospital Terciario" Proyecto HIKARI. PI: BLANCA RENESES PRIETO. Funding Organisation: FUJITSU LABORATORIES OF EUROPE LIMITED.

PREDICT-LENGUAJE: Predicción de del diagnóstico de esquizofrenia de esquizofrenia en un primer episodio psicótico mediante el análisis computarizado del lenguaje natural. PI: BLANCA RENESES PRIETO. Funding Organisation: SIN FINANCIACIÓN.

NEC.2 Advanced Research in Personality Disorders, Aggression and Impulse Control

COMPETITIVE FUNDING

FIS.I71023. SUBTIPIFICACIÓN MEDIANTE FENOTIPADO EN LOS TRASTORNOS AGRESIVOS-IMPULSIVOS. PI: JOSÉ LUIS CARRASCO PERERA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.I91256. Prevención e Intervención en Suicidio (SURVIVE): estudio cohorte y ensayos clínicos-controlados anidados de programas de prevención secundaria para intentos de suicidio. PI: MARINA FRANCISCA DÍAZ MARSÁ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PI20/01471. Investigación de la asociación fenotípica y endofenotípica del trastorno límite de la personalidad y los trastornos del espectro autista. PI: JOSÉ LUIS CARRASCO PERERA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.20/229. Prevención e Intervención en Suicidio (SURVIVE): estudio cohorte y ensayos clínicos-controlados anidados de programas de prevención secundaria para intentos de suicidio. PI: ALEJANDRO DE LA TORRE LUQUE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

CONV18/009. Prestación de servicios para la ejecución del Proyecto: servicios de comunicación intercentros, administración de protocolos, recogida y traslado de muestras y elaboración de base de datos (PI17/01023). PI: JOSÉ LUIS CARRASCO PERERA. Funding Organisation: LÓPEZ.

CONV18/061. Convenio colaboración para la distribución presupuestaria de programas de actividades dei+d. Convocatoria Biomedicina 2017. Proyecto AMBIENTE Y GENES EN ESQUIZOFRENIA (AGES-CM 2). PI: MARINA FRANCISCA DÍAZ MARSÁ. Funding Organisation: FUNDACION INV. BIO-MEDICA HOSP. RAMON Y CAJAL.

CONV20/133. Contrato de subencargado entre la FIHCSC y la UCM. Acceso a datos para la realización del proyecto SURVIVE. PI: MARINA FRANCISCA DÍAZ MARSÁ. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

JCP.F01NEC2. Donaciones para el Grupo de Investigación avanzada en trastornos de la personalidad, agresividad y control de los impulsos. PI: JOSÉ LUIS CARRASCO PERERA. Funding Organisation: ALVAREZ.

NEC.3 Psychoneuroendocrinology, Molecular Neuroimaging and Genetics in Neuropsychiatric Diseases

NON COMPETITIVE FUNDING

ECL.12/123. ESTUDIO DE LOS BIOMARCADORES EN LCR PARA EL DIAGNOSTICO DE EA PRODROMICA EN PACIENTES CON DETERIORO COGNITIVO LIGERO. ESTUDIO PREDEM. PI: ALBERTO MARCOS DOLADO. Funding Organisation: NOVARTIS FARMACEUTICA S.A.,

NEC.5 Applied Research in Neuroscience (to: Neuromodulation and Neurorepair)

COMPETITIVE FUNDING

CM20/00246. RRHH RIO HORTEGA: JOSUE AVECILLAS CHASIN. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EC.100062. ENSAYO CLINICO EN FASE II PARA CONOCER LA FACTIBILIDAD Y SEGURIDAD DEL USO ALOGENICO DE CELULAS MADRE EXPANDIDAS DERIVADAS DE GRASAS EN EL TRATAMIENTO LOCAL DEL ICTUS POR INFARTO DEL TERRITORIO DE LA ARTERIA CEREBRAL MEDIA. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: MINISTERIO DE SANIDAD Y POLITICA SOCIAL.

"EC.110121. Ensayo clínico en Fase I para conocer la factibilidad y seguridad del uso de biohíbridos de biomateriales junto con células

madre alogénicas expandidas derivadas de la grasa para el tratamiento local del ictus por infarto cerebral. ESTUDIO BIOHYBRIDS. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: MINISTERIO DE SANIDAD Y POLITICA SOCIAL."

JBA.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NON COMPETITIVE FUNDING

CONV16/065. Convenio cotitularidad invención "Biohíbrido para su uso en la regeneración de tractos reurales" (UPV 62,5% - FIBHCSC 37,5%). PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: UNIVERSIDAD POLITECNICA DE VALENCIA.

CONV18/030. Convenio colaboración para la distribución presupuestaria de programas de actividades dei+d. Convocatoria Biomedicina 2017. Proyecto "Centro tecnológico para el estudio y tratamiento integrado de los desórdenes neurológicos". PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

ECL.10/187. COMPARACIÓN ENTRE LA ADMINISTRACIÓN DE LEVOSIMENDAN O PLACEBO EN LA PREPARACIÓN DE PACIENTES CRÍTICOS QUE DEBEN INTERVENIRSE DE CIRUGÍA CARDÍACA. PI: MARIA VICTORIA ACEDO DIAZ-PACHO.

ECL.11/279. ENSAYO CLINICO EN FASE IIa PARA CONOCER LA FACTIBILIDAD Y SEGURIDAD DEL USO ALOGENICO DE CELULAS MADRE EXPANDIDAS DERIVADAS DE LA GRASA EN EL TRATAMIENTO LOCAL DEL ICTUS POR INFARTO DEL TERRITORIO DE LA ARTERIA CEREBRAL MEDIA. ESTUDIO CELICTUS. PI: JUAN ANTONIO BARCIA ALBACAR.

ECL.12/112. EVIDENCE-ESTIMULACION DE LA MEDULA ESPINAL CON SISTEMA PRECISION FRENTE A REINTERVENCION QUIRURGICA PARA CORREGIR EL SINDROME DE CIRUGIA LUMBAR FALLIDA. PI: JUAN ANTONIO BARCIA ALBACAR.

JBA.F01BOSTO. DONACIÓN PARA LA FORMACIÓN EN EL ÁREA DE NEUROLOGÍA DEL IdISSC. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: BOSTON SCIENTIFIC IBERICA S.A.

JBA.F01DON. Donaciones para la realización del proyecto "Inducción de plasticidad preoperatoria neural en tumores cerebrales de áreas eloquentes. Un estudio retrospectivo de 5 casos". PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: NOMBELA.

JBA.F02BOSTO. ACTIVIDADE DE APOYO A LA FORMACIÓN EN EL SERVICIO DE NEUROCIRUGÍA DEL HOSPITAL CLÍNICO SAN CARLOS. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: BOSTON SCIENTIFIC IBERICA S.A.

JBA.M01BOS. Convenio investigación clínica con Producto sanitario realización proyecto "Ventral tegmental area (VTA) deep brain stimulation (DBS) with segmented electrodes in refractory schizophrenia". PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: BOSTON SCIENTIFIC GROUP PLC.

JBA.F01DCM. INVESTIGACIÓN EN EL AREA DE NEUROCIRUGIA. PI: JUAN ANTONIO BARCIA ALBACAR. Funding Organisation: LABORATORIOS GEBRO PHARMA S.A.

NEC.6 Neurological Diseases

COMPETITIVE FUNDING

FI20/00145. CONTRATOS PFIS: MARIA VALLES SALGADO. PI: JORDI MATÍAS-GUIU ANTEM. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191260. EVALUACIÓN NEUROPSICOLÓGICA TRANSCULTURAL. PI: JORDI MATÍAS-GUIU ANTEM. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

ICI20/00074. AMANTADINA Y ESTIMULACIÓN MAGNÉTICA TRANSCRA-NEAL PARA FATIGA EN LA ESCLEROSIS MULTIPLE: ENSAYO FASE III, CONTROLADO, RANDOMIZADO, CRUZADO Y DOBLE CIEGO. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III."

PIE16/00043. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PTA.17/13618. AYUDAS PERSONAL TECNICO DE APOYO - GUILLERMO MEJIAS MARTINEZ. PI: JORDI MATÍAS-GUIU ANTEM. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

SCS.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: SILVIA CORROCHANO SANCHEZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

SCS.TALENTO.18. IDENTIFYING BMI-ASSOCIATED PATHWAYS THAT CONFER PROTECTION IN ALS. PI: SILVIA CORROCHANO SANCHEZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

SCS.TALENTO.18RRHH. RRHH Comunidad de Madrid "Atracción talento" Modalidad Iº. PI: SILVIA CORROCHANO SANCHEZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NON COMPETITIVE FUNDING

AGS.M01CIB. CONSORCIO PARA GENERAR UNA BASE DE DATOS COMUN CUYA FINALIDAD ES IMPLEMENTAR LA INVESTIGACIÓN CLINICA Y BÁSICA EN ENFERMEDADES NEUROMUSCULARES. PI: ANTONIO GUERRERO SOLA. Funding Organisation: CIBERNED.

ECL.06/290. TRATAMIENTO INTERMITENTE DE LA MIGRAÑA AGUDA CON MK-0974 300MG A LARGO PLAZO. PI: JESÚS PORTA ETESSAM.

ECL.07/211. MEMANTINA (EBIXA ®) PARA LA DISCAPACIDAD FUNCIONAL EN LA ESCLEROSIS LATERAL AMIOTRÓFICA. PI: JORGE MATÍAS-GUIU GUIA.

ECL.08/329. ESTUDIO DE EXTENSIÓN, ABIERTO, DE UN ESTUDIO EN DOBLE CIEGO, ALEATORIZADO, CONTROLADO CON PLACEBO Y MULTICÉNTRICO, DIRIGIDO A EVALUAR LA EFICACIA Y LA SEGURIDAD DEL TRATAMIENTO ADYUVANTE CON ZONISAMIDA EN LAS CRISIS MIOCLÓNICAS ASOCIADAS A EPILEPSIA GENER. PI: IRENE GARCÍA MORALES.

ECL.10/030. COMORBILIDAD EN PACIENTES CON ENFERMEDAD DE ALZHEIMER "ESTUDIO ALCOM". PI: JORGE MATÍAS-GUIU GUIA.

ECL.10/031. COMORBILIDAD EN PACIENTES CON ENFERMEDAD DE PARKINSON. "ESTUDIO COMPAK". PI: JORGE MATÍAS-GUIU GUIA.

ECL.10/220. ESTUDIO DE FASE 3 DOBLE CIEGO, ALEATORIZADO, CONTROLADO CON PLACEBO, DE GRUPOS PARALELOS Y MULTICÉNTRICO SOBRE ESLICARBAZEPINA ACETATO EN EL TRATAMIENTO DE LA NEURALGIA POSTHERPÉTICA. PI: LUCÍA GALÁN DÁVILA.

ECL.13/284. ENSAYO DE DOSIS-RESPUESTA, MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO DE YKP3089 COMO TRATAMIENTO COMPLEMENTARIO EN SUJETOS CON CRISIS DE INICIO PARCIAL, CON UNA EXTENSIÓN ABIERTA OPCIONAL. PI: IRENE GARCÍA MORALES.

ECL.13/284. ENSAYO DE DOSIS-RESPUESTA, MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO DE YKP3089 COMO TRATAMIENTO COMPLEMENTARIO EN SUJETOS CON CRISIS DE INICIO PARCIAL, CON UNA EXTENSIÓN ABIERTA OPCIONAL. PI: BEATRIZ PAREJO CARBONELL.

ECL.13/284. ENSAYO DE DOSIS-RESPUESTA, MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO DE YKP3089 COMO TRATAMIENTO COMPLEMENTARIO EN SUJETOS CON CRISIS DE INICIO PARCIAL, CON UNA EXTENSIÓN ABIERTA OPCIONAL. PI: IRENE GARCÍA MORALES.

ECL.14/393. Estudio aleatorizado y doble ciego para evaluar la eficacia y la seguridad del inhibidor de la trombina oral dabigatrán etexilato (110 mg o 150 mg dos veces al día por vía oral) frente al ácido acetilsalicílico (100 mg una vez al día por vía oral) en la p. PI: JOSÉ ANTONIO EGIDO HERRERO.

ECL.18/199. ESTUDIO DE FASE II, DOBLE CIEGO, ALEATORIZADO Y CONTROLADO CON PLACEBO PARA EVALUAR LA SEGURIDAD, LA TOLERA-

BILIDAD Y LA EFICACIA DE ANAVEZ2-73 EN RELACIÓN CON EL DETERIORO COGNITIVO EN PACIENTES CON ENFERMEDAD DE PARKINSON Y DEMENCIA. PI: MARÍA ROCÍO GARCÍA-RAMOS GARCÍA.

ECL.19/386. Estudio abierto de extensión para pacientes con enfermedad de Parkinson y demencia incluidos en el estudio ANAVEX2-73-PDD-001. PI: MARÍA ROCÍO GARCÍA-RAMOS GARCÍA.

ECL.2016/047. Estudio abierto y multicéntrico de la seguridad y la farmacocinética de YKP3089 como tratamiento complementario en pacientes con crisis de inicio parcial. PI: IRENE GARCÍA MORALES.

IGM.F01ESTE. EVALUACIÓN NEUROPSICOLOGÍA EN PACIENTES CON EPILEPSIA GENERALIZADA IDIOPÁTICA. PI: IRENE GARCÍA MORALES. Funding Organisation: LABORATORIOS ESTEVE S.A.

JCA.M01JAN. Prestación de servicios "Estudio fase 3, aleatorizado, controlado, abierto y multicéntrico del inhibidor de la Tirosina Quinasa de Bruton (BTK), ibrutinib, frente a temsirolimus en sujetos con linfoma de células del manto en recaída o refractario que han. PI: JOSÉ LUÍS CARRERAS DELGADO. Funding Organisation: FUNDACION DE INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA.

JEH.C01URI. DONACIÓN. CONVENIO DE COLABORACIÓN, Patricia Simal. PI: JOSÉ ANTONIO EGIDO HERRERO. Funding Organisation: J. URIACH Y CIA SA.

JMG.C10SAN. Colaboración para el proyecto Formativo sobre Bases Moleculares de la Activación Inmune en la Esclerosis Múltiple. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C11SAN. Colaboración para el Programa Formativo sobre Cognición y Esclerosis Múltiple. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C12SAN. Colaboración para el Proyecto Formativo sobre investigación Básica sobre la Esclerosis Múltiple. PI: JORGE MATÍAS-GUIU GUIA.

JMG.C13SAN. Convenio de colaboración para implementar el plan de evaluación de riesgos de Alemtuzumab, soporte a la Unidad de Esclerosis Múltiple del Servicio de Neurología del Hospital Universitario Clínico San Carlos, colaboración con Enfermería para la administración. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C14SAN. Convenio colaboración Curso sobre cognición en esclerosis múltiple. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C15SAN. Convenio colaboración Formativo sobre Investigación básica sobre la Esclerosis Múltiple 2020 (curso intramural). PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C16SAN. Convenio colaboración económica para la realización del Programa de formación "Proyecto Formativo sobre Cognición en Esclerosis Múltiple (2020)". PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C17SAN. Proyecto sobre SARS-Cov2 y SNC: Esclerosis Múltiple y Enfermedades neurodegenerativas. PI: JORGE MATÍAS-GUIU GUIA.

JMG.C18SAN. Colaboración económica programa "Proyecto Formativo Intramuros sobre Metodología Experimental de Investigación en Esclerosis Múltiple (2021)". PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.C19SAN. Colaboración económica programa "Proyecto Formativo Intramuros sobre cognición en Esclerosis Múltiple (2021)". PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: SANOFI AVENTIS, S.A.

JMG.F01TENE. Donación apoyo Línea de Investigación en Enfermedades Neurológicas. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: HERRERA.

JMG.M01LAP. Desarrollar el "Preceptorship en Esclerosis múltiple secundaria progresiva con énfasis en deterioro cognitivo" los días 27, 28, 29 de noviembre de 2019. PI: JORGE MATÍAS-GUIU GUIA. Funding Organisation: LAPHARCON LLC.

JPE.F01ALL. Donación de 2 neveras para su uso en actividades de investigación del Grupo de Investigación en Enfermedades Neurológicas del IdISSC, concretamente para la línea de investigación de Ictus y Migrañas. PI: JESÚS PORTA ETESSAM. Funding Organisation: ALLERGAN, S.A.U.

JPE.F02ALL. Donación para potenciar la investigación en la línea de Cefalea. PI: JESÚS PORTA ETESSAM. Funding Organisation: ALLERGAN, S.A.U.

JPE.M01LILLY. Convenio de Colaboración entre LILLY-FIBHCSC RN relación con el Evento organizado de sesiones de formación en cefaleas a lo largo del 2020. PI: JESÚS PORTA ETESSAM. Funding Organisation: LILLY S.A.

LCP.F01ALL. Donación para el desarrollo de proyectos de investigación en Enfermedades Neurológicas. PI: M^a LUZ CUADRADO PÉREZ. Funding Organisation: ALLERGAN, S.A.U.

LGD.M01ALN. Convenio colaboración económica para la realización del estudio DETECCIÓN PRECOZ DE LAS ALTERACIONES NEUROLÓGICAS EN HATTR. PI: LUCÍA GALÁN DÁVILA. Funding Organisation: ALNYLAM PHARMACEUTICALS, INC.

MCA.F01MERZ. Donación del equipo modelo EMG/STIM Dantec ClavisTM (equipo cedido en uso por esta empresa para la realización del EECC "Estudio prospectivo multicéntrico, aleatorizado, doble ciego y controlado con placebo, con un periodo de extensión abierto, para inves. PI: MARÍA JOSÉ CATALÁN ALONSO. Funding Organisation: MERZ PHARMACEUTICALS GMBH.

UGP.M01HIS. Evaluación del efecto de células troncales mesenquimales de tejido adiposo expandidas (e-ASCs) aplicadas intraparenquima a nivel cervical tras laminectomía. PI: ULISES ALFONSO GÓMEZ PINEDO. Funding Organisation: HISTOCELL S.L."

ECL.MEDNUC. PROGRAMA DE APOYO DEL SERVICIO DE MEDICINA NUCLEAR. PI: JOSÉ LUÍS CARRERAS DELGADO.

MCA.F02ABB. INVESTIGACION EN ENFERMEDAD DE PARKINSON EN LA UNIDAD DE TRASTORNOS DEL MOVIMIENTO DE NEUROLOGÍA. PI: MARÍA JOSÉ CATALÁN ALONSO. Funding Organisation: ABBVIE SPAIN, S.L.U.

NEC.7 Research group on environmental factors in degenerative diseases

COMPETITIVE FUNDING

EUG.P04.PAIE.20. PROGRAMA DE APOYO A PROYECTOS DE INVESTIGACIONES ESTABILIZADOS: Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva. PI: ROBERTO ÁLVAREZ LAFUENTE.

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: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: COMISIÓN EUROPEA.

FIS.180204. Ácidos grasos de cadena corta y esclerosis múltiple: correlación de los niveles de acetato, propionato y butirato procedentes de la microbiota con la progresión y actividad de la enfermedad y estudio de su posible efecto sobre el sistema inmune de los pa. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FPU16/SPP. RRHH "FPU" Silvia Pérez Pérez. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

RAL.FRA.16. ESTUDIO DE LOS MICRO RNAs DE EBV, HHV-6A Y HHV-6B PRESENTES EN EXOSOMAS AISLADOS DE PLASMA DE PACIENTES CON ESCLEROSIS MÚLTIPLE: CORRELACIÓN CON LA ACTIVIDAD Y PROGRESIÓN DE LA ENFERMEDAD. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: FUNDACION RAMON ARECES.

RED.16/0015/0013. REEM: RED ESPAÑOLA DE ESCLEROSIS MÚLTIPLE. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

EUG.C01EME. Convenio de colaboración para la realización del proyecto "Daño mitocondrial en pacientes con esclerosis múltiple primaria progresiva: correlación con la serología antiviral y niveles de CH3LI". PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: ASOCIACIÓN ESCLEROSIS MÚLTIPLE ESPAÑA.

RAG.F02LAIR. MARCADORES PRONÓSTICOS EN PACIENTES CON SÍNDROME CLÍNICAMENTE AISLADO. CONVERSIÓN EN ESCLEROSIS MÚLTIPLE DEFINIDA Y EVOLUCIÓN DE LA ENFERMEDAD. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: FUNDACION LAIR.

"RALC01EME. Proyecto ""Relación entre la Serología frente a herpesvirus y la actividad de la enfermedad en pacientes con EMPP"" recogido en el marco del proyecto coordinado ""ESTUDIO DE LOS MECANISMOS FISIOPATOLÓGICOS QUE

JUEGAN UN PAPEL IMPORTANTE EN LAS FORMAS PROGRES. PI: ROBERTO ÁLVAREZ LAFUENTE. Funding Organisation: ASOCIACIÓN ESCLEROSIS MÚLTIPLE ESPAÑA."

"RALC01EME. Proyecto ""Relación entre la Serología frente a herpesvirus y la actividad de la enfermedad en pacientes con EMPP"" recogido en el marco del proyecto coordinado ""ESTUDIO DE LOS MECANISMOS FISIOPATOLÓGICOS QUE

JUEGAN UN PAPEL IMPORTANTE EN LAS FORMAS PROGRES. PI: SILVIA PEREZ PEREZ. Funding Organisation: ASOCIACIÓN ESCLEROSIS MÚLTIPLE ESPAÑA."

NEC.9 Brain Mapping

NON COMPETITIVE FUNDING

MPG.F01NEC9. DONACIONES PARA EL GRUPO DE INVESTIGACIÓN EN CARTOGRAFÍA CEREBRAL. PI: MIGUEL ANGEL POZO GARCÍA. Funding Organisation: CABALLERO.

NEC.13 Advanced Research in Personality Disorders, Aggression and Impulse Control

COMPETITIVE FUNDING

H2020-MSCA-ITN-2017. Interdisciplinary training network on the purinergic P2X7 receptor to control neuroinflammation and hyperexcitability in brain diseases. PI: Miguel Díaz Hernández. Funding Organisation: Programa H2020.

PID2019-109155RB-I00. El sistema purinérgico como diana terapéutica para el tratamiento de la ataxia espinocerebelosa tipo 3/enfermedad de Machado -Joseph. PI: Felipe Ortega y Esmerilda García. Funding Organisation: Ministerio de Ciencia e innovación.

PR65/19-22453. Efectos de la ataxia espinocerebelosa tipo 3 en la morfogénesis temprana del cerebelo. Potencial terapéutico de los receptores purinérgicos. PI: Felipe Ortega. Funding Organisation: UCM/CAM.

RTI2018-095753-B-I00. Validación de una nueva estrategia terapéutica para tratar a los pacientes de Alzheimer. PI: Miguel Díaz Hernández. Funding Organisation: Ministerio de Economía y Hacienda.

NEC.18 Research in Glaucoma, Retina and Visual Pathways

COMPETITIVE FUNDING

FIS.170466. Innovación en formulaciones antiglaucomatosas de administración tópica ocular. Nanosistemas que incrementan la biodisponibilidad asociados a protectores de la superficie ocular. PI: JOSÉ MANUEL BENÍTEZ DEL CASTILLO SÁNCHEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191431. ANALISIS DE LAS BASES GENÉTICAS Y MOLECULARES DEL GLAUCOMA CONGENITO Y JUVENIL:IMPICACIONES DIAGNÓSTICAS Y TERAPÉUTICAS. PI: JOSÉ MARÍA MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

RED.16/0008/0004. RED OFTARED. PI: JULIÁN GARCÍA FEIJÓO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

CONV17/012. Participación FJD en el marco del proyecto AVIZOREX (RETOS). PI: JOSÉ MANUEL BENÍTEZ DEL CASTILLO SÁNCHEZ. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA FUNDACIÓN JIMENEZ DIAZ.

CONV17/013. Participación Insti. Oftalmológico Fdez. Vega en el marco del proyecto AVIZOREX (RETOS). PI: JOSÉ MANUEL BENÍTEZ DEL CAS-

TILLO SÁNCHEZ. Funding Organisation: INSTITUTO OFTALMOLÓGICO FERNÁNDEZ VEGA.

CONV20/191. PA 1-20 SUMINISTRO TOMÓGRAFO. PI: JUAN DONATE LÓPEZ.

ECL.05/215. ESTUDIO DE FASE 3, MULTICENTRICO, ALEATORIZADO, CONTROLADO, CON DOBLE ENMASCARAMIENTO DE LACTATO DE ESCUALAMINA (MSI-1256F) EN INYECCION PARA EL TRATAMIENTO DE LA NEOVASCULARIZACION COROIDEA SUBFOVEAL ASOCIADA A DEGENERACION MACULAR ASOCIADA A LA EDAD. PI: JUAN DONATE LÓPEZ.

ECL.05/222. ESTUDIO DE FASE 3, DISEÑO PARALELO DE DOCE SEMANAS QUE COMPARA LA SEGURIDAD, EFICACIA Y FACILIDAD DE USO DE XALATAN CUANDO ES AUTOADMINISTRADO POR LOS PACIENTES CON GLAUCOMA DE ANGUERO ABIERTO O HIPERTENSION OCULAR USANDO BIEN EL GOTERO CONVENCIONAL O UN. PI: JULIÁN GARCÍA SÁNCHEZ.

ECL.06/093. DIAGNOSTICO DE PACIENTES CON ENFERMEDAD DE FALCIA A TRAVÉS DE CRIBAJE DE PACIENTES CON Córnea VERTICILLATA. PI: JOSÉ MANUEL BENÍTEZ DEL CASTILLO SÁNCHEZ.

ECL.10/237. EVALUACIÓN DE LA PREVALENCIA DE MOLESTIAS EN LA SUPERFICIE OCULAR DE PACIENTES CON GLAUCOMA. PI: JULIÁN GARCÍA FEIJÓO.

ECL.10/387. EVALUACIÓN DE LA CARGA ECONÓMICA DIRECTA E INDIRECTA DE LAS INYECCIONES INTRAVITREAS REGULARES EN EL TRATAMIENTO DE RETINOPATÍAS. PI: JUAN DONATE LÓPEZ.

ECL.11/007. ESTUDIO DE REGISTRO MULTICÉNTRICO PARA OBTENER DATOS CON RESPECTO A LA EXPERIENCIA CLÍNICA CON EL IMPLANTE CYPASS (CYPASS CLINICAL EXPERIENCE, CYCLE). PI: JULIÁN GARCÍA FEIJÓO.

ECL.12/228. ESTABLECIMIENTO DEL PROTOCOLO INICIAL EN EL TRATAMIENTO DE LA NEOVASCULARIZACIÓN COROIDEA ASOCIADA A LA MIOPÍA MAGNA CON INYECCIÓN INTRAVITREA DE BEVACIZUMAB: 3 VS 1 (ESTUDIO BENEMCOR.ES). PI: JUAN DONATE LÓPEZ.

ECL.14/039. ESTUDIO DE VIGILANCIA A LARGO PLAZO DE LATANOPROST PARA CONTROLAR LOS CAMBIOS DE HIPERPIGMENTACIÓN OCULAR EN POBLACIONES PEDIÁTRICAS. PI: JULIÁN GARCÍA FEIJÓO.

ECL.14/391. ESTUDIO DE FASE III MULTICENTRICO, RANDOMIZADO, CON DOBLE ENMASCARAMIENTO, CONTROLADO CON SIMULACION, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE LAMPALIZUMAB ADMINISTRADO EN INYECCIÓN INTRAVITREA A PACIENTES CON ATROFIA GEOGRÁFICA SECUNDARIA A DEGENERACIÓN. PI: RAMÓN TORRES IMAZ.

ECL.15/573. Estudio aleatorizado para la comparación de la seguridad y la eficacia del sistema de drenaje para el glaucoma MicroShunt® de InnFocus con la trabeculectomía estándar en sujetos con glaucoma primario de ángulo abierto. PI: JULIÁN GARCÍA FEIJÓO.

ECL.2018/067. Efficacy and safety assessment of T4032 (unpreserved bimatoprost 0.01%) versus Lumigan® 0.01% in ocular hypertensive or glaucomatous patients. /Evaluación de la eficacia y la seguridad de T4032 (bimatoprost al 0,01 % sin conservantes) frente a Lumigan® al. PI: JOSÉ MARÍA MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA. Funding Organisation: Laboratoires Thea.

ECL.2018/151. Ensayo aleatorizado, doble enmascarado, controlado con placebo y de carácter exploratorio para evaluar la seguridad, tolerabilidad, farmacodinámica y farmacocinética de BI 1467335 administrado por vía oral durante 12 semanas con un periodo de seguimiento. PI: JUAN DONATE LÓPEZ.

ECL.2019/018. Xplore: Estudio multicéntrico de fase III con doble enmascaramiento y grupos paralelos para comparar la eficacia y la seguridad de Xlucane frente a Lucentis® en pacientes con degeneración macular neovascular asociada a la edad. PI: JUAN DONATE LÓPEZ. Funding Organisation: Xbrane Biopharma.

ECL.OFTALMO. PROGRAMA DE APOYO DEL SERVICIO DE OFTALMOLOGÍA. PI: JULIÁN GARCÍA FEIJÓO.

JDL.M03NOV. Preceptorships Retina y Glaucoma 10,11 y 12 de abril de 2018. PI: JULIÁN GARCÍA FEIJÓO. Funding Organisation: NOVARTIS PHARMA AG.

JDL.M03NOV. Preceptorships Retina y Glaucoma 10,11 y 12 de abril de 2018. PI: JUAN DONATE LÓPEZ. Funding Organisation: NOVARTIS PHARMA AG.

JGA.M01NOV. MEJORA DEL CONOCIMIENTO SOBRE LAS TERAPIAS FOTODINÁMICAS EN EL TRATAMIENTO DE PATOLOGÍAS OCULARES. PI: JULIÁN GARCÍA SÁNCHEZ. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

JGF.C01MER. DESARROLLO DE ACTIVIDADES DE FORMACION Y ACTUALIZACIÓN CIENTÍFICA A LA COMUNIDAD OFTALMOLÓGICA A TRAVÉS DE LOS SEMINARIOS MENSUALES EN EL INSTITUTO RAMÓN CATROVIEJO. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

JGf.F01ALLE. Donación de carácter irrevocable, para ayudar al cumplimiento de sus fines fundacionales (en adelante, la "Donación") y, en concreto para la realización de actividades de investigación en el Servicio de Oftalmología del Hospital Clínico San Carlos. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: ALLERGAN, S.A.U.

JGF.F01BAY. DONACIÓN PARA EL GRUPO DE INVESTIGACIÓN EN PATOLOGÍA OCULAR Y VÍAS VISUALES. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: BAYER HISPANIA, S.L.U.

JGF.M01ALL. Patrocinio programa de contratación de un investigador para Glaucoma. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: ALLERGAN, S.A.U.

JGF.M02ALL. Patrocinio programa de contratación de un investigador para Retina. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: ALLERGAN, S.A.U.

JGF.M02NOV. PATROCINIO SEMINARIOS EN EL AREA DE OFTALMOLOGIA DEL IDISSC - SEMINARIOS OFTALMOLOGIA CASTROVIEJO, MADRID OCTUBRE 2015 - JUNIO 2016. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

JGF.M10SANTEN. Colaboración económica (y financiación de material) para la realización del proyecto de investigación "Estudio de los niveles de citoquinas y resultado quirúrgico del implante PRESERFLO. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: SANTEN INCORPORATED.

JMF.F01THEA. Donación en especie dos kits Bio-Plex Pro para el Estudio de la superficie ocular en pacientes con glaucoma. PI: JOSÉ MARÍA MARTÍNEZ DE LA CASA FERNÁNDEZ BORRELLA. Funding Organisation: LABORATORIOS THEA S.A.

RTI.M01ALLE. Colaboración económica para la realización del proyecto "Análisis retrospectivo de pacientes tratados con ozurdex® por oclusión de la vena retiniana (OVR)". PI: RAMÓN TORRES IMAZ.

RTI.M01ALLE. Colaboración económica para la realización del proyecto "Análisis retrospectivo de pacientes tratados con ozurdex® por oclusión de la vena retiniana (OVR)". PI: MARIA AURELIA JIMENEZ SANTOS.

CONV13/014. Convenio marco entre la FIBHCSC Y el Instituto Aragonés de ciencias de la salud. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: INSTITUTO ARAGONES DE CIENCIAS DE LA SALUD.

20/067-E. Estudio unicéntrico prospectivo para evaluar los cambios funcionales en glaucoma infantil. PI: CARMEN MÉNDEZ HERNÁNDEZ.

18/553-O_EPA_OD. Comparacion retrospectiva de la tasa de persistencia de los pacientes diagnosticados con glaucoma o hipertension ocular al tratamiento con monoprost, Lumigan o Lumigan. PI: José María Martínez de la Casa. Funding Organisation: Laboratoires Thea.

20/287-E. Estudio de la vascularización papilar y macular en pacientes con glaucoma de angulo abierto. Análisis comparativo con el espesor de la capa de fibras nerviosas y campo visual. PI: Carmen Méndez Hernández.

16/507-R. Comparación de Bimatoprost LP con trabeculoplastia selectiva con láser en pacientes con glaucoma de angulo abierto o hipertension ocular. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: Allergan S.A.

2019/002-M. Estudio fase III, multinacional, multicéntrico, enmascarado, aleatorizado, ensayo controlado que compara la eficacia y seguridad de DE-130A con Xalatan en pacientes con glaucoma de angulo abierto o hipertension ocular en un periodo de 3 meses y 12 meses de seguimiento abierto con DE-130A. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: SANTEN SAS.

20/493-E. Basic human research study of novel glaucoma endpoints and identification of optimal patient populations for neuroprotection trials. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: Novartis SA.

INN-005-EXT. A prospective, concurrent controlled, open label, multicenter clinical study to assess the long-term safety of the Preserflo MicroS-hunt in subjects with primary Open angle glaucoma who have completed participation in the INN-005 randomized controlled study. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: Innfocus Inc.

18/227-R.P. Ensayo clínico prospectivo, abierto, multicéntrico con una cohorte para analizar la eficacia y seguridad del minijet en pacientes europeos con glaucoma de ángulo abierto no controlado con medicamentos hipotensores tópicos. PI: JULIÁN GARCÍA FEIJOÓ. Funding Organisation: iSTAR.

218/065. Multicenter, Double-Masked, Randomized, Dose-Ranging Trial to Evaluate the Efficacy and Safety of Conbercept Intravitreal Injection in Subjects with Neovascular Age-Related Macular Degeneration. PI: Alicia Valverde Megías. Funding Organisation: Chengdu.

2019/064-M. Estudio fase III, aleatorizado, doble ciego, con grupos paralelos, multicéntrico para comparar la eficacia y seguridad de QLI205 frente a Lucentis en pacientes con Degeneración Macular neovascular asociada a la edad. PI: Lorenzo López Guajardo. Funding Organisation: Quilu Pharmaceutical Co.

19/102-O. Estudio de la progresión de la enfermedad en sujetos definidos genéticamente con Atrofia Geográfica Secundaria a Degeneración Macular relacionada con la edad. PI: Cristina Calvo González. Funding Organisation: Gyroscope Therapeutics Limited.

BUL-2/EER. Double-blind, randomized, placebo-controlled, phase III study on the efficacy and tolerability of a 48-week treatment with two different doses of budesonide effervescent tablets vs. placebo for maintenance of clinico-pathological remission in adult patients with eosinophilic esophagitis. PI: Constanza Ciriza de los Ríos.

VF-OS-004/2019. 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: José Manuel Benítez del Castillo.

QBGJ 398-302. Ensayo en fase 3, multicéntrico, aleatorizado, con doble enmascaramiento y controlado con placebo de Infigratinib para el tratamiento adyuvante de sujetos con carcinoma urotelial invasivo con alteraciones genéticas susceptibles de FGFR3 (Proof 302). PI: Javier Puente Vázquez.

REC 0559-B-001. Efficacy, Safety and Pharmacokinetics of 3 Doses of REC 0/0559 Eye Drops for the Treatment of Stage 2 (Moderate) and 3 (Severe) Neurotrophic Keratitis in Adult Patients. PI: José Manuel Benítez del Castillo.

20/276-ESC_M. SORAYA: A Phase 3, Single Arm Study of Mirvetuximab Soravtansine in Advanced High-Grade Epithelial Ovarian, Primary Peritoneal, or Fallopian Tube Cancers with High Folate Receptor-Alpha Expression. PI: Antonio Casado.

RXDX-101-02. Estudio, abierto, multicéntrico, global, en fase II con entrectinib para el tratamiento de pacientes con tumores sólidos localmente avanzados o metastásicos que albergan reordenaciones en los genes ntrk1/2/3, ROS1 o ALK. PI: José Luiz González Larriba.

RTC-2015-4066-1. Desarrollo y validación clínica de la proteína TRPM8 como nueva diana terapéutica para el tratamiento del síndrome de ojo seco mediante un ensayo clínico de prueba de concepto en pacientes con AVX-012. PI: José Manuel Benítez del Castillo.

PII7700466. Innovación en formulaciones de antiglaucomatosos de administración tópica ocular. Nanosistemas que incrementan la biodisponibilidad asociados a protectores de la superficie ocular. PI: José Manuel Benítez del Castillo e Irene Molina Martínez.

PI20/01221. Estudio de la evolución y factores asociada la Calidad de Vida relacionada con la Visión y la Salud en sujetos con uveitis no infecciosa: un analisis longitudinal. PI: Luis Rodríguez.

ICI19/00020. Eficacia, seguridad y coste-efectividad de metotrexato, adalimumab o su combinación en uveitis no anterior no infecciosa: un estudio multicéntrico, aleatorizado, paralelo de brazos, con control activo, de fase 3, abierto con evaluador ciego: Co-THEIA (Combination Therapy with mEthorexate and adalimumab for uveitis). PI: Luis Rodríguez Rodríguez.

SORCOM-MSD 2020. Desarrollo de un sistema de autoevaluación de actividad inflamatoria en polo posterior ocular para pacientes con uveitis no infecciosa. PI: Luis Rodríguez Rodríguez.

CRTH258C2301. Estudio de fase III multicéntrico, aleatorizado, con doble enmascaramiento de dos grupos y 18 meses de duración que evalúa la eficacia y seguridad de Brolicizumab frente a Aflibercept en pacientes adultos con alteración visual debida a edema macular secundario a oclusión de rama de la vena de la retina (RAPTOR). PI: Lorenzo López Guajardo. Funding Organisation: Novartis SA."

NEC.20 Neurotransmission and Neuromodulation in the Central and Peripheral Nervous System

COMPETITIVE FUNDING

S2017/BMD-3688. Imagen multimodal de la respuesta terapéutica a estrategias multidiana en enfermedades neurológicas. (MULTI-TARGET&VIEW-CM). PI: José Sánchez-Prieto, Magdalena Torres. Funding Organisation: Comunidad de Madrid.

BFU2017-83292-R. Potenciación de la transmisión sináptica por el receptor mGlu7. Ausencia de esta respuesta en un ratón modelo del síndrome de X frágil. PI: José Sánchez-Prieto, Magdalena Torres. Funding Organisation: MINECO.

RD16/0019/0009. Dianas diagnósticas y terapéuticas para el ictus. Modelos preclínicos y clínicos para la valorización pre-comercial de dianas diagnósticas y terapéuticas para el ictus. PI: José Sánchez-Prieto, Magdalena Torres. Funding Organisation: Ministerio de Sanidad y Consumo. Instituto de Salud Carlos III.

UCJC 2020-03. "Nuevas nitronas para la terapia de enfermedades de la edad (Proyecto NNTEE). PI: M. Jesús Oset. Funding Organisation: Universidad Camilo José Cela.

UCJC 2020-33. Optimization of contilisant: design, synthesis, and biological evaluation" (Proyecto OPTICONT). PI: M. Jesús Oset. Funding Organisation: Universidad Camilo José Cela.

NEC.21 Pharmaceutical Innovation in Ophthalmology

COMPETITIVE FUNDING

RED.16/0008/0009. RED OFTARED. PI: ROCÍO HERRERO VANRELL. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NEC.22 Pathophysiology and INA Neurological Therapeutics (NEURO-INA-IN)

COMPETITIVE FUNDING

CM20/00134. RRHH RIO HORTEGA: Niki Oikonomopoulou. PI: JOSE MARTINEZ ORGADO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.190927. LA UNIDAD NEUROVASCULAR COMO DIANA TERAPEUTICA PARA PREVENIR LAS SECUELAS DEL INFARTO ARTERIAL CEREBRAL ISQUEMICO NEONATAL EN UN MODELO EN RATA. PI: JOSE MARTINEZ ORGADO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

INT20/00047. CONTRATOS PARA LA INTENSIFICACIÓN DE LA ACTIVIDAD INVESTIGADORA EN EL SNS: Jose Martínez Orgado. PI: JOSE MARTINEZ ORGADO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

JMO.F01FECYT. DALES UN FUTURO: PREVENIR LAS SECUELAS POR DAÑO CEREBRAL EN EL RECIÉN NACIDO. PI: JOSE MARTINEZ ORGADO. Funding Organisation: FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA.

JMO.YE1.18. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: JOSE MARTINEZ ORGADO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

JMO.YE1.20. 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: JOSE MARTINEZ ORGADO. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

LAG.F01INO. Treatment with Cannabidiol in a piglet model of meconium aspiration syndrome. PI: LUIS ARRUIZA GÓMEZ. Funding Organisation: INO THERAPEUTICS A.B.

NON COMPETITIVE FUNDING

ECL.11/384. Recién nacidos con edad gestacional extremadamente baja asignados al azar, a ciegas, para ser resucitados resucitado con un 30% frente al 60% de oxígeno: influencia sobre la mortalidad y las enfermedades crónicas en el periodo neonatal. PI: LUIS ARRUIZA GÓMEZ.

ECL.14/542. EVALUACIÓN ABIERTA DEL PERFIL FARMACOCINETICO POBLACIONAL, DE LA SEGURIDAD, DE LA TOLERABILIDAD Y DE LA EFICACIA DE TAPENTADOL EN SOLUCIÓN INYECTABLE INTRAVENOSA PARA EL TRATAMIENTO DEL DOLOR POSTQUIRURGICO EN NIÑOS DESDE EL NACIMIENTO HASTA MENOS DE 2 AÑ. PI: CARMEN SOTO BEAUREGARD.

ECL.18/315. A multi-center, randomised, parallel-group, single-blind Phase II trial to evaluate the pharmacokinetics and PKPD relationship of trazodone after single and repeated oral doses in children from 2 to ≤17, years of age, suffering from insomnia, with autism. PI: TERESA DE SANTOS MORENO.

ECL.19/304. Ensayo aleatorizado de dosis única en pauta ascendente, controlado con placebo y con doble enmascaramiento para evaluar la seguridad, la tolerabilidad y la farmacocinética del GWP42003-P junto con la hipotermia terapéutica en recién nacidos con encefalopa. PI: JOSE MARTINEZ ORGADO. Funding Organisation: GW PHARMACEUTICALS.

FHT.F01COV. DONACIÓN PARA FINES DE INVESTIGACIÓN EN CIRUGÍA GENERAL II Y NEONATOLOGÍA. PI: LUIS ARRUIZA GÓMEZ. Funding Organisation: COVIDIEN SPAIN S.L.U.

JMO.F01NEC22. Donación para Investigación en fisiopatología y terapéutica neurológica del INA. PI: JOSE MARTINEZ ORGADO. Funding Organisation: CHIESI ESPAÑA SA.

JMO.M04GWRL. Colaboración económica de GW para la realización de un proyecto de investigación del Dr. Martínez Orgado. PI: JOSE MARTINEZ ORGADO. Funding Organisation: GW RESEARCH LIMITED.

JMO.M01BOL. Efecto neuroprotector de un hidrogel basado en elastina en el stroke neonatal y de adultos. PI: JOSE MARTINEZ ORGADO. Funding Organisation: UNIVERSIDAD NACIONAL DE IRLANDA.

JMO.M03EME. Neuroprotective effects of VCE 005.1 in immature neonatal brain damage. PI: JOSE MARTINEZ ORGADO. Funding Organisation: EMERALD BIOHEALTH ESPAÑA.

ONCOLOGY

ONC.1 Clinical and Translational Research in Oncology

COMPETITIVE FUNDING

EUR.BRIDGES. Breast Cancer Risk after Diagnostic Gene Sequencing. PI: MIGUEL DE LA HOYA MANTECÓN. Funding Organisation: COMISIÓN EUROPEA.

FIS.1500059. Caracterización Molecular de un Exoma FA/BRCA/HR con Anotaciones de Relevancia Clínica. PI: MIGUEL DE LA HOYA MANTECÓN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.161292. Estudio funcional de variantes genéticas y de CNVs identificadas mediante secuenciación masiva del exoma en familias FCC_X (con tumores MMR competentes). PI: TRINIDAD CALDES LLOPIS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.161669. IDENTIFICACION DE FACTORES BIOLOGICOS ASOCIADOS A LA PROGRESION METASTASICA PRECOZ EN PACIENTES CON CANCER DE PROSTATA RESISTENTE A LA CASTRACION MO CON ELEVACION DEL PSA. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.191366. Diagnóstico molecular avanzado de la poliposis adenomatosa tipo X: análisis de mosaicismos genéticos. PI: PILAR GARRE RUBIO. 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: JESÚS MORENO SIERRA. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN EN UROLOGÍA (FIU).

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: MIGUEL DE LA HOYA MANTECÓN. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PEJ18/004111. Genómica Funcional y Microarrays. PI: BEATRIZ PÉREZ-VILLAMIL SALGADO. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

PI20/00110. Regulación del splicing en respuesta a daños en el DNA: implicaciones clínicas en cáncer de mama y ovario hereditario. PI: MIGUEL DE LA HOYA MANTECÓN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

SCC.C01AECC. DETERMINACIÓN DE MARCADORES MOLECULARES PREDICTIVOS DEL DESARROLLO DE CANCER EN LESIONES PREMALIGNAS DE LARINGE Y CONTRIBUCIÓN AL ESTUDIO DEL PROCESO DE CARCINOGENESIS EN TUMORES DE CABEZA Y CUELLO. PI: SANTIAGO CABEZAS CAMARERO. Funding Organisation: FUNDACIÓN CIENTÍFICA DE LA AECC.

NON COMPETITIVE FUNDING

CONV11/062. Research cooperation mediante el cual el IdISSC se adhiere al CIMBA Consortium y se acuerdan los modelos de transferencia de información entre Partners. PI: TRINIDAD CALDES LLOPIS. Funding Organisation: CIMBA.

CONV16/066. Acuerdo acceso datos EECC MK 3475-100 (promotor MERCK SHARP & DOHME DE ESPAÑA. S.A). PI: ANTONIO CASADO HERRÁEZ. Funding Organisation: EXPERIOR S.L.

CONV16/116. Prestación servicios apoyo investigadores durante la ejecución de dos Ensayos Clínicos con código de protocolo G029436 y G029437. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA. Funding Organisation: EXPERIOR S.L.

CONV16/161. Acuerdo confidencialidad en relación al estudio M7824 (para valorar la posible participación del centro). PI: JAVIER SASTRE VALERA. Funding Organisation: MERCK KGAA.

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: TRINIDAD CALDES LLOPIS. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

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: JOSÉ LUÍS GONZÁLEZ LARRIBA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

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: MIGUEL DE LA HOYA MANTECÓN. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

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: PEDRO PÉREZ SEGURA. Funding Organisation: NOVARTIS FARMACEUTICA S.A.

CONV17/127. Prestación de servicios para reclutar pacientes FIDIS dentro del estudio IDENTIFICACION DE FACTORES BIOLOGICOS ASOCIADOS A LA PROGRESION METASTASICA PRECOZ EN PACIENTES CON CANCER DE PROSTATA RESISTENTE A LA CASTRACION MO CON ELEVACION DEL PSA. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA DE SANTIAGO DE COMPOSTELA.

CONV18/038. Convenio colaboración para la distribución presupuestaria de programas de actividades dei+d. Convocatoria Biomedicina 2017. Proyecto "Inmunidad tumoral e inmunoterapia del cáncer" referencia B2017/BMD-3733 y acrónimo INMUNOTHERCAN-CM. PI: JAVIER SASTRE VALERA. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

CONV18/083. Participación en el estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCOMP en pacientes

con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN PROFESOR NOVOA SANTOS.

CONV18/107. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: HOSPITAL UNIVERSITARIO DE FUENLABRADA.

CONV18/108. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACION DE INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO LA PRINCESA.

CONV18/122. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACION PARA EL FOMENTO DE LA INVESTIGACION SANITARIA Y BIOMEDICA DEL LA COMUNITAT VALENCIANA.

CONV18/123. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACION PARA LA FORMACIÓN E INVESTIGACION SANITARIAS DE LA REGION DE MURCIA.

CONV18/124. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIO INSTITUT D'INVESTIGACIO SANITARIA ILLES BALERARS.

CONV18/125. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: HOSPITAL GENERAL DE SEGOVIA.

CONV18/126. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: HOSPITAL UNIVERSTARI DEXEUS - GRUPO QUIRÓNSALUD.

CONV18/127. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIO INSTITUT MAR D'INVESTIGACIONS MÈDIQUES.

CONV18/128. Realización de un Estudio Clínico titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACION INVESTIGACION BIOMEDICA HOSPITAL GREGORIO MARAÑÓN.

CONV18/152. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA ARAGON.

CONV18/153. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: VALL D'HEBRON INSTITUTE OF ONCOLOGY (VHIO).

CONV18/154. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN INSTITUTO DE ESTUDIOS DE CIENCIAS DE LA SALUD DE CASTILLA Y LEON.

CONV18/155. Realización de un Estudio Postautorización EPA-OD "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso

compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACION MD ANDERSON CANCER CENTER ESPAÑA.

CONV18/158. Contrato económico para la Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: CEIC HOSPITAL UNIVERSITARIO NTRA. SRA. DE VALME.

CONV18/163. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN PÚBLICA ANDALUZA PARA LA GESTIÓN DE LA INV. EN SALUD DE SEVILLA.

CONV18/164. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDESALUD.

CONV18/166. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA ARAGÓN.

CONV18/169. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: CLÍNICA UNIVERSIDAD DE NAVARRA.

CONV18/180. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN INSTITUTO VALENCIANO DE ONCOLOGÍA.

CONV19/004. Contrato entre el investigador D. Guillermo Velasco (UCM) y la FIBHCSC para realizar trabajos de asesoramiento sobre el funcionamiento, organización, planificación y establecimiento de colaboraciones relacionadas con la Investigación en Oncología Traslac. PI: PEDRO PÉREZ SEGURA. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

CONV19/016. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN CANARIA INSTITUTO DE INVESTIGACIÓN SANITARIA DE.

CONV19/034. Acuerdo confidencialidad para valorar la participación del Dr. Sastre en un estudio. PI: JAVIER SASTRE VALERA. Funding Organisation: SYNEOS HEALTH CLINICAL SPAIN S.L.U.

CONV19/069. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: ASOCIACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA BIOCRUCES BIZKAIA.

CONV19/070. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: INSTITUTO DE INVESTIGACIÓN SANITARIA LA FE.

CONV19/071. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL UNIVERSITARIO PUERTA DE HIERRO.

CONV19/182. Realización de un Estudio Posautorización titulado "Análisis retrospectivo, observacional del tratamiento con PALBOCICLIB en pacientes con cáncer de mama avanzado dentro del programa de uso compasivo". PI: FERNANDO MORENO ANTÓN. Funding Organisation: FUNDACIÓN PÚBLICA ANDALUZA PARA LA INV. BIOSANITARIA EN ANDALUCÍA ORIENTAL ALEJANDRO OTERO.

CONV21/018. Transferencia de material para Investigar el valor del análisis mutacional del ctDNA en pacientes con cáncer de mama ER + metastásico que han experimentado progresión con la terapia endocrina de primera línea (para la ejecución del proyecto "Study of Pro. PI: JOSÉ ÁNGEL GARCÍA SÁENZ. Funding Organisation: SYSMEX ESPAÑA S.L.

ECL02/103. ESTUDIO ALEATORIZADO FASE III DE QUIMIOTERAPIA NEOADYUVANTE SEGUIDA DE CIRUGÍA VS RADIOTERAPIA CONCOMITANTE A QUIMIOTERAPIA EN CÁNCER DE CERVIX EN ESTADIO FIGO Ib2, Ila>4cm o Iib. PI: ANTONIO CASADO HERRÁEZ.

ECL05/074. ESTUDIO FASE III, ABIERTO, ALEATORIZADO Y MULTICENTRICO, DE S-1 EN COMBINACIÓN CON CISPLATINO, COMPARADO CON 5-FU EN COMBINACIÓN CON CISPLATINO, EN PACIENTES CON CÁNCER GÁSTRICO AVANZADO QUE NO HAYAN RECIBIDO QUIMIOTERAPIA PREVIA PARA ENFERMEDAD AVANZADA. PI: JAVIER SASTRE VALERA.

ECL05/091. ENSAYO CLÍNICO EN FASE III, MULTICENTRICO, RANDOMIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE LA ADICIÓN DE BEVACIZUMAB GEMCITABINA Y ERLOTINIB EN PACIENTES CON CÁNCER PANCREÁTICO METASTÁSICO. PI: JAVIER SASTRE VALERA.

ECL06/221. ENSAYO CLÍNICO INTERNACIONAL FASE II ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, MULTICENTRICO, PARA EVALUAR LA EFICACIA DE ZD6474 (ZACTIMA TM) VERSUS PLACEBO EN PACIENTES CON CÁNCER DE TIROIDES LOCALMENTE AVANZADO IRRESECCABLE O METASTÁSICO. PI: ANTONIO CASADO HERRÁEZ.

ECL07/024. ESTUDIO ALEATORIZADO DE QUIMIOTERAPIA ADYUVANTE INDIVIDUALIZADA SEGÚN LOS NIVELES DE ARNm DE BRCA1 EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (ESTADIOS II-IIIa). PI: JOSÉ LUIS GONZÁLEZ LARRIBA.

ECL07/076. ENSAYO ALEATORIZADO DE FASE 3 DE QUIMIOTERAPIA CON O SIN PANITUMUMAB EN PACIENTES CON CARCINOMA DE CELULAS ESCAMOSAS DE CABEZA Y CUELLO METASTÁSICO Y/O RECURRENTE. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL07/263. ESTUDIO ALEATORIZADO FASE III MULTICENTRICO PARA EVALUAR EL TRATAMIENTO INDIVIDUALIZADO VALORANDO BRCA1 EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCITO AVANZADO, BREC STUDY (BRCA1 EXPRESIÓN CUSTOMIZATION). PI: JOSÉ LUIS GONZÁLEZ LARRIBA.

ECL07/296. ENSAYO CLÍNICO FASE II DE TRATAMIENTO NEOADYUVANTE CON IFOSFAMIDA A DOSIS ALTAS Y RADIOTERAPIA CONCOMITANTE EN SARCOMAS DE PARTES BLANDAS E IDENTIFICACIÓN DE MARCADORES PREDICTORES DE RESPUESTA. PI: ANTONIO CASADO HERRÁEZ.

ECL08/228. ESTUDIO EN FASE III, MULTICÉNTRICO, MULTINACIONAL, ALEATORIZADO, DOBLE CIEGO DE IMC-1121B MAS DOCETAXEL FRENTE A PLACEBO MAS DOCETAXEL EN PACIENTES CON CÁNCER DE MAMA HER2-NEGATIVO, IRRESECCABLE, LOCALMENTE RECURRENTE O METASTÁSICO NO TRATADAS PREVIAMENTE. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL09/209. ESTUDIO EPIDEMIOLÓGICO PROSPECTIVO Y MULTICÉNTRICO PARA IDENTIFICAR LOS FACTORES CLÍNICOS, MOLECULARES Y GENÉTICOS ASOCIADOS AL PRONÓSTICO DE PACIENTES CON CARCINOMA RENAL AVANZADO. MICRA. PI: JOSÉ LUIS GONZÁLEZ LARRIBA.

ECL10/052. ENSAYO FASE II PARA EVALUAR LA EFICACIA Y SEGURIDAD DE CATUMAXOMAB COMO TRATAMIENTO DE CONSOLIDACIÓN EN PACIENTES CON CÁNCER EPITELIAL DE OVARIO EN UNA SEGUNDA O TERCERA REMISIÓN COMPLETA. PI: ANTONIO CASADO HERRÁEZ.

ECL10/210. ESTUDIO RETROSPECTIVO A NIVEL NACIONAL PARA EVALUAR EL USO DE DARBEPOETIN ALFA ADMINISTRADO EN PAUTA PREFERENCIAL CADA TRES SEMANAS EN LA PRÁCTICA CLÍNICA EN TUMORES NO MIELOIDES. PI: JAVIER PUENTE VÁZQUEZ.

ECL11/173. ESTUDIO DE FASE IB/II, ABIERTO, MULTICENTRICO Y ALEATORIZADO DE MESILATO DE ERIBULINA ADMINISTRADO EN COMBINACIÓN CON GEMCITABINA MAS CISPLATINO FRENTE A FEMCITABINA MAS CISPLATINO SOLOS COMO TRATAMIENTO DE PRIMERA LINEA PARA EL CÁNCER DE VÉJIGA LOCALMENTE. PI: JOSÉ LUIS GONZÁLEZ LARRIBA.

ECL11/196. ESTUDIO FASE II ALEATORIZADO DE DOBLE CIEGO DE LA COMBINACIÓN DE SANDOSTATINA LAR CON AXITINIB VS SANDOSTATINA LAR CON PLACEBO EN PACIENTES CON CARCINOMAS NEUROENDOCRINOS AVANZADOS Y BIEN DIFERENCIADOS DE ORIGEN NO PANCREÁTICO (CARCINOIDES). PI: JAVIER SASTRE VALERA.

ECL.11/328. ESTUDIO CLINICO DE FASE II, MULTICENTRICO, ABIERTO, RANDOMIZADO, CON DOS GRUPOS DE TRATAMIENTO, PARA EVALUAR LA EFICACIA Y LA SEGURIDAD DE PERTUZUMAB ADMINISTRADO EN COMBINACIÓN CON TRASTUZUMAB Y UN INHIBIDOR DE LAS AROMATASA PARA TRATAMIENTO DE PRIMERA L. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.11/341. ENSAYO DE FASE III PARA COMPARAR LA SEGURIDAD Y LA EFICACIA DE LAPATINIB MAS TRASTUZUMAB MAS UN INHIBIDOR DE LA AROMATASA (IA) FRENTE A TRASTUZUMAB MAS UN IA Y FRENTE A LAPATINIB MÁS UN IA COMO TRATAMIENTO DE PRIMERA LINEA EN PACIENTES POSMENOPAUSICAS CON. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.12/060. ESTUDIO FASE III PROSPECTIVO, NO RANDOMIZADO Y ABIERTO DE DOS COHORTES, MULTICÉNTRICO Y MULTINACIONAL PARA ASEGURAR LA SEGURIDAD DE ADMINISTRACIÓN ASISTIDA O AUTODADMINISTRACIÓN DE TRASTUZUMAB SUBCUTÁNEO COMO TRATAMIENTO ADYUVANTE EN PACIENTES CON CARCINOM. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.12/259. ESTUDIO FASE III ALEATORIZADO, DOBLE CIEGO, CONTRALADO CON PLACEBO DE BKM120 EN COMBINACIÓN CON FULVESTRANT EN MUJERES POSTMENOPÁUSICAS CON CANCER DE MAMA LOCALMENTE AVANZADO O METASTASICO CON RECEPTORES HORMONALES POSITIVOS HER2 NEGATIVO QUE HAN PROGRESAD. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.12/265. ESTUDIO PROSPECTIVO, MULTICENTRICO, RANDOMIZADO, ABIERTO, CONTROLADO CON FARMACO ACTIVO, DE DOS GRUPOS PARALELOS Y FASE III PARA COMPARAR LA EFICACIA Y LA SEGURIDAD DE MASITINIB FRENTE A SUNTINIB EN PACIENTES CON TUMOR DE ESTROMA GASTROINTESTINAL TRAS PRO. PI: ANTONIO CASADO HERRÁEZ.

ECL.12/357. FASE Ib-II, ESTUDIO DE VIABILIDAD ABIERTO Y MULTICENTRICO DE PAZOPANIB EN COMBINACIÓN CON PACLITAXEL Y CARBOPLATINO EN OACIENTES CON CARCINOMA DE OVARIO, DE TROMPA DE FALOPIO O PERITONEAL REFRACTARIO/RESISTENTE AL PLATINO. PI: ANTONIO CASADO HERRÁEZ.

ECL.13/131. ENSAYO CLINICO EN SAFSE 3, ALEATORIZADO, MULTICENTRICO, DOBLE CIEGO CON PD0332991 (INHIBIDOR ORAL DE CDK 4/6) EN COMBINACION CON LETROZOL COMPARADO CON PLACEBO MAS LETROZOL EN EL TRATAMIENTO DE PACIENTES POSMENOPAUSICAS CON CANCER DE MAMA RE (+), HER2 (-). PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.13/134. ESTUDIO DE NERATINIB MAS CAPECITABINA FRENTE A LAPATINIB MAS CAPECITIBINA EN PACIENTES CON CANCER DE MAMA METASTASICO HER2+ QUE HAN RECIBIDO PREVIAMENTE DOS O MAS REGIMENES ANTI-HER2 PARA ENFERMEDAD METASTASICA (NALA). PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.13/339. Phase III study of Palbociclib (PD-0332991) in combination with Endocrine therapy (exemestano or fulvestrant) versus chemotherapy (capecitabine) in Hormonal Receptor (HR) positive/HER2 negative Metastatic Breast Cancer (MBC) patients with Resistance to Ar. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

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: JAVIER PUENTE VÁZQUEZ.

ECL.13/398. ESTUDIO DE FASE II, ALEATORIZADO, DE FULVESTRANT EN COMBINACIÓN CON EL MTOR INHIBIDOR AZD2014 O EVEROLIMUS, O CON FULVESTRANT EN MONOTERAPIA PARA EL TRATAMIENTO DEL CANCER DE MAMA AVANZADO O METASTASICO CON RECEPTOR DE ESTROGENOS POSITIVO (MANTA). PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.13/415. ENSAYO MULTICENTRICO DE FASE III, ALEATORIZADO, DOBLE CIEGO Y CONTROLADO CON PLACEBO DEL RUCAPARIB COMO TRATAMIENTO DE MANTENIMIENTO DESPUES DE LA QUIMIOTERAPIA DE PLATINO EN PACIENTES CON CARCINOMA DE TROMPA DE FALOPIO, CARCINOMA PRIMARIO DE PERITONEO O. PI: ANTONIO CASADO HERRÁEZ.

ECL.13/430. ESTUDIO DE FASE 3, ALEATORIZADO Y EN DOBLE CIEGO, DEL TRATAMIENTO DE MANTENIMIENTO CON NIRAPARIB FRENTE A PLACEBO EN PACIENTES CON CANCER DE OVARIO SENSIBLE AL PLATINO. PI: ANTONIO CASADO HERRÁEZ.

ECL.13/440. ESTUDIO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, DE LEE011 EN COMBINACIÓN CON LETROZOL PARA EL TRATAMIENTO DE MUJERES POSTMENO `AUSICAS CON CANCER DE

MAMA AVANZADO CON RECEPTOR HORMONAL POSITIVO, HER-2-NEGATIVO QUE NO HAN RECIBIDO TERAPIA PREVIA. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.14/049. Estudio fase III que evalúa palbociclib (PD-0332991), un inhibidor de quinasas dependiente de las ciclinas (CDK) 4/6, en pacientes con cáncer de mama primario con receptores hormonales positivos y HER2 normal y alto riesgo de recidiva tras quimioterapia ne. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.14/052. ESTUDIO DE FASE III, ABIERTO, ALEATORIZADO, PARALELO, CON 2 BRAZOS Y MULTICÉNTRICO SOBRE BMM 673 EN COMPARACION CON LA ELECCIÓN DEL MÉDICO EN PACIENTES CON MUTACIONES EN LA LÍNEA GERMINAL DE BRCA CON CÁNCER DE MAMA LOCALMENTE AVANZADO Y/O METASTÁSICO, QUE. PI: FERNANDO MORENO ANTÓN.

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 HER-2 negativo de alto. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.14/163. ENSAYO CLINICO FASE IIB, ALEATORIZADO, MULTICENTRICO, DE CONTINUACIÓN O NO CONTINUACIÓN CON 6 CICLOS DE TEMOZOLOMIDA TRAS LOS 6 PRIMEROS CICLOS DE TRATAMIENTO ESTANDAR EN PRIMERA LINEA EN PACIENTES CON GLIOBLASTOMA. PI: PEDRO PÉREZ SEGURA.

ECL.14/214. ESTUDIO FASE II, ABIERTO, PARA EVALUAR BIOMARCADORES ASOCIADOS A LA RESPUESTA A TERAPIAS POSTERIORES EN PACIENTES CON CANCER DE MAMA METASTASICO HER-2 POSITIVO QUE RECIBAN TRATAMIENTO CON TRASTUZUMAB EN COMBINACIÓN LAPATINIB O QUIMIOTERAPIA. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.14/215. ESTUDIO DE FASE 3, ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, EN EL QUE SE EVALUA FULVESTRANT EN COMBINACIÓN O NO CON LY2835219, UN INHIBIDOR DE LAS CDK4/6, EN MUJERES CON CANCER DE MAMA LOCALMENTE AVANZADO O METASTASICO RECEPTOR HORMONAL POSITIVO. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.14/351. ESTUDIO DOBLE CIEGO DE FASE II DE ASIGNACIÓN ALEATORIA QUE EVALUA EL PAPEL DE LA TERAPIA DE MANTENIMIENTO CON CABOZANTINIB EN SARCOMA INDEFERENCIADO DE ALTO GRADO LIMITADO AL ÚTERO (HGUS) POSTERIOR A UNA CIRUGÍA O DESPUES DE LA ESTABILIZACIÓN O RESPUESTA. PI: ANTONIO CASADO HERRÁEZ.

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 CANCER DE PROSTATA RESISTENTE A LA CASTRACIÓN METASTASICO, QUE NO HAN RECIBIDO QUIM. PI: JAVIER PUENTE VÁZQUEZ.

ECL.14/397. ESTUDIO FASE III, ALEATORIZADO, DOBLE CIEGO, MULTICENTRICO, EN GRUPOS PARALELOS, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE DCVAC/PCa FRENTE A PLACEBO EN HOMBRES CON CANCER DE PROSTATA METASTASICO RESISTENTE A LA CASTRACIÓN ELEGIBLES PARA PRIMERA LINEA DE QU. PI: JAVIER PUENTE VÁZQUEZ.

ECL.14/419. ENSAYO ALEATORIZADO DE FASE III DE MK-3475 (PEMBROLIZUMAB) FRENTE AL TRATAMIENTO CONVENCIONAL EN SUJETOS CON CÁNCER DE CABEZA Y CUELLO RECURRENTE O MESTASTÁSICO. PI: PEDRO PÉREZ SEGURA.

ECL.14/445. AXITINIB EN CARCINOMA METASTASICO / AVANZADO DE CELULAS RENALES - UN ESTUDIO NO INTERVENCIONISTA DE RESULTADOS TERAPEUTICOS REALES EN PACIENTES QUE RECIBEN AXITINIB EN SEGUNDA LINEA DESPUES DE RECIBIR SUNTINIB EN PRIMERA LINEA (INLYTA IN ADVANCED/METASTA. PI: JAVIER PUENTE VÁZQUEZ.

ECL.14/449. ESTUDIO DE FASE II, ALEATORIZADO Y DOBLE CIEGO QUE COMPARA EL TRATAMIENTO CADA 3 SEMANAS CON CARBOPLATINO (AUC 5) + 175 MG/M2 DE PACLITAXEL, CON O SIN NINTEDANIB CONCOMITANTE Y DE MANTENIMIENTO, EN EL CARCINOMA DE CUELLO UTERINO AVANZADO O RECIDIVANTE. PI: ANTONIO CASADO HERRÁEZ.

ECL.14/450. ESTUDIO DE FASE II, MULTIFASICO, PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE COMBIMETINIB EN COMBINACIÓN CON PACLITAXEL COMO TRATAMIENTO DE PRIMERA LINEA EN PACIENTES CON CANCER DE MAMA TRIPLE NEGATIVO METASTASICO. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

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 CANCER DE MAMA. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL14/541. Estudio de fase III, aleatorizado, controlado con placebo y doble ciego de JNJ-56021927 en combinación con acetato de abiraterona y prednisona en comparación con acetato de abiraterona y prednisona en sujetos con cáncer de próstata metastásico resistente. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/002. Estudio de fase II, multicéntrico, abierto de EGF816 en combinación con nivolumab en pacientes adultos con cáncer de pulmón de células no pequeñas con mutación del EGFR y de INC280 en combinación con nivolumab en pacientes adultos con cáncer de pulmón de. PI: JAVIER PUENTE VÁZQUEZ.

ECL15/037. Estudio fase III, aleatorizado, doble ciego, controlado con placebo, de LEE011 o placebo en combinación con tamoxifeno y goserelina o de un inhibidor de la aromatasas no esteroideo (IANE) y goserelina para el tratamiento de mujeres premenopáusicas con cáncer. PI: FERNANDO MORENO ANTÓN.

ECL15/144. ESTUDIO DE FASE II, ALEATORIZADO, DOBLE CIEGO, COMPARATIVO CON PLACEBO, PARA EVALUAR LA EFICACIA Y SEGURIDAD DE FARLETUZUMAB (MORAb-003) EN COMBINACIÓN CON CARBOPLATINO MÁS OACITAXEL O CON CARBOPLATINO MÁS DOXORRUBICINA LIPOSOMAL PEGILADA (PEGYLATED LIPO). PI: ANTONIO CASADO HERRÁEZ.

ECL15/148. ESTUDIO FASE III, ABIERTO, ALEATORIZADO, DE MPDL3280A (ANTICUERPO ANTI-PD-L1) EN COMBINACIÓN CON CARBOPLATINO + PACITAXEL CON O SIN BEVACIZUMAB COMPARADO CON CARBOPLATINO + PACITAXEL + BEVACIZUMAB EN PACIENTES CON CANCER DE PULMON NO EPIDERMÓIDE NO MICRO. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/224. Estudio de fase 3, controlado con placebo, de carboplatino/paclitaxel con o sin tratamiento concomitante y seguidamente de mantenimiento de veliparib (un inhibidor de la PARP) en pacientes con carcinoma epitelial seroso de ovario, tubárico o peritoneal pr. PI: ANTONIO CASADO HERRÁEZ.

ECL15/228. Estudio abierto, de grupo único y multicéntrico para evaluar la seguridad y la eficacia clínica de la monoterapia de mantenimiento con cápsulas de Lynparza (Olaparib) en pacientes con cáncer de ovario recidivante con mutación de BRCA y sensible al platino. PI: ANTONIO CASADO HERRÁEZ.

ECL15/266. RADIUM-223 ALPHA EMITTER AGENT IN NON-INTERVENTION SAFETY STUDY IN MCRPC POPULATION FOR LONG-TERM EVALUATION. ESTUDIO NO INTERVENCIONISTA PARA LA EVALUACIÓN A LARGO PLAZO DE LA SEGURIDAD DEL AGENTE EMISOR DE PARTICULAS ALFA RADIO-223 EN PACIENTES CON CANCER. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/301. 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: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/339. SOLAR-1: Estudio de fase III, aleatorizado, doble ciego, controlado con placebo, de apelisib en combinación con fulvestrant en hombres y mujeres posmenopáusicas con cáncer de mama avanzado, receptor hormonal positivo, HER2 negativo que han progresado mie. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL15/341. ESTUDIO EN FASE II DE PEMBROLIZUMAB (MK-3475) EN MONOTERAPIA EN SUJETOS TRATADOS PREVIAMENTE POR UN CARCINOMA COLORRECTAL CON ALTA INESTABILIDAD DE MICROSATELITES, LOCALMENTE AVANZADO IRRESECCABLE O METASTÁSICO (ESTADIO IV). PI: JAVIER SASTRE VALERA.

ECL15/342. Estudio en fase III multinacional, aleatorizado, con doble enmascaramiento y controlado con placebo sobre la eficacia y seguridad de ODM-201 en varones con cáncer de próstata no metastásico de alto riesgo resistente a la castración. PI: JAVIER PUENTE VÁZQUEZ.

ECL15/393. Estudio fase II, multicéntrico, aleatorizado, doble ciego, de grupos paralelos, para comparar la eficacia y tolerabilidad de Fulvestrant (FaslodexTM) 500mg con placebo y Fulvestrant (FaslodexTM) 500mg en combinación con el PD-0332991 (Palbociclib) como pr. PI: FERNANDO MORENO ANTÓN.

ECL15/395. ESTUDIO DE FASE 3, ALEATORIZADO DE MARGETUXUMAB MAS QUIMIOTERAPIA FRENTE A TRASTUZUMAB MAS QUIMIOTERAPIA

EN PACIENTES CON CANCER DE MAMA METASTÁSICO HER2+ QUE HAN RECIBIDO DOS TRATAMIENTOS ANTI-HER2 PREVIOS Y QUE PRECISAN TRATAMIENTO SISTÉMICO. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL15/396. Estudio fase 3 aleatorizado, doble-cego 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: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/397. Estudio de Fase III, multicéntrico, aleatorizado, en doble ciego y controlado con placebo, para evaluar la eficacia y la seguridad de AZD9291 frente a placebo en pacientes con carcinoma de pulmón no microcítico con mutación del receptor del factor de crecimiento. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/446. ENSAYO FASE III, ALEATORIZADO, ABIERTO, CONTROLADO, MULTICENTRICO, INTERNACIONAL, CON MEDI4736 EN MONOTERAPIA Y MEDI4736 EN COMBINACIÓN CON TREMELIMUMAB FRENTE AL TRATAMIENTO ESTANDAR CON QUIMIOTERAPIA EN PRIMERA LINEA, EN PACIENTES CON CARCINOMA UROTELIA. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/453. ESTUDIO ABIERTO, MULTINACIONAL Y MULTICENTRICO, ACERCA DEL TRATAMIENTO EN LA PRACTICA REAL CON AZD9291 EN MONOTERAPIA EN PACIENTES CON CANCER DE PULMON NO MICROCITICO (CPNM) CON LA MUTACIÓN T790M DEL RECEPTOR DEL FACTOR DE CRECIMIENTO EPIDERMICO (EGFR), A. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/459. Estudio de fase 3, multicéntrico, abierto y aleatorizado de nab-paclitaxel más gemcitabina en comparación con gemcitabina en monoterapia como tratamiento adyuvante en sujetos con adenocarcinoma pancreático extirpado quirúrgicamente. PI: JAVIER SASTRE VALERA.

ECL15/478. Estudio observacional para IDentificar pacientes con CPNM avanzado/metastásico y translocación de ALK y ROS1 y conocer su manejo terapéutico (IDEALK&ROS). PI: JAVIER PUENTE VÁZQUEZ.

ECL15/488. Ensayo clínico fase II con vinorelbina oral metronómica y cisplatino trisemanal como tratamiento de inducción y posterior concomitancia con radioterapia (RT) en pacientes con cáncer de pulmón no microcítico (CPNM) localmente avanzado irresecable. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/489. Estudio en fase Ib/II, abierto y multicéntrico para evaluar la seguridad, la tolerabilidad, la farmacocinética y la actividad antineoplásica preliminar de MEDI4736 en combinación con AZD9150 o AZD5069 en pacientes con tumores sólidos avanzados, en el que. PI: PEDRO PÉREZ SEGURA.

ECL15/496. ENSAYO FASE III, ALEATORIZADO, ABIERTO, MULTICENTRICO, INTERNACIONAL, CON MEDI4736 EN MONOTERAPIA O EN COMBINACIÓN CON TREMELIMUMAB FRENTE A TRATAMIENTO ESTANDAR EN PRIMERA LINEA EN PACIENTES CON CARCINOMA EPIDERMÓIDE DE CABEZA Y CUELLO RECURRENTE O METAS. PI: PEDRO PÉREZ SEGURA.

ECL15/527. 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: JAVIER SASTRE VALERA.

ECL15/528. ESTUDIO FASE III ALEATORIZADO, MULTICENTRICO, DOBLE CIEGO, DE NIVOLUMAB, NIVOLUMAB EN COMBINACIÓN CON IPILIMUMAB O PLACEBO COMO TRATAMIENTO DE MANTENIMIENTO EN SUJETOS CON CANCER MICROCITICO DE PULMON CON ENFERMEDAD EXTENDIDA (CMP.EEx) DESPUES DE TERMINAR. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL15/544. RIFTOS MKI - pacientes asintomáticos con cáncer diferenciado de tiroides refractario al yodo radioactivo - estudio observacional para evaluar la utilización de inhibidores de multiquinasa. PI: ANTONIO CASADO HERRÁEZ.

ECL15/549. ESTUDIO FASE 2, ALEATORIZADO, MULTICENTRICO, ABIERTO, DE 3 GRUPOS, PARA COMPARAR LA EFICACIA DEL TRATAMIENTO DE COMBINACIÓN CON ABEMACICLIB Y TRASTUZUMAB (CON O SIN FULVESTRANT) FRENTE AL ESTANDAR DE TRATAMIENTO CON LA COMBINACIÓN DE TRASTUZUMAB Y LA QUIM. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL15/555. ENSAYO SOBRE TRATAMIENTO NEOADYUVANTE CON EL ANTICUERPO DIRIGIDO CONTRA PD-L1 EN EL CANCER DE MAMA TRIPLE NEGATIVO LOCALMENTE AVANZADO TRATADO CON NAB-PACLITAXEL Y CARBOPLATINO. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.16/005. ESTUDIO DE FASE II, ABIERTO DE UN SOLO GRUPO Y MULTICENTRICO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE PEMBROLIZUMAB EN MONOTERAPIA EN MUJERES CON CANCER DE OVARIO RECURRENTE AVANZADO (KEYNOTE-100). PI: ANTONIO CASADO HERRÁEZ.

ECL.16/033. Estudio fase II, abierto, randomizado, de consolidación de con nivolumab eipilimumab tras quimiorradioterapia en pacientes con carcinoma cáncer de pulmón de célula pequeña en estadio limitado. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL.16/088. PRIMERA FASE DEL PROYECTO: "DETERMINACIÓN DE MARCADORES MOLECULARES PREDICTIVOS DEL DESARROLLO DE CÁNCER EN LESIONES PREMALIGNAS DE LARINGE Y CONTRIBUCIÓN AL ESTUDIO DEL PROCESO DE CARCINOGENESIS EN TUMORES DE CABEZA Y CUELLO". PI: SANTIAGO CABEZAS CAMARERO.

ECL.16/196. ESTUDIO DE FASE 2, ABIERTO, DE MLN0128 (UN INHIBIDOR DE TORC1/2) EN COMBINACIÓN CON FULVESTRANT EN MUJERES CON CANCER DE MAMA VANZADO O METASTASICO ER POSITIVO/HER2 NEGATIVO QUE HAYAN PROGRESADO DURANTE O DESPUES DE UN TRATAMIENTO CON INHIBIDORES DE LA AR. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.16/424. Estudio de fase III, multicéntrico y aleatorizado para evaluar la eficacia de rucaparib frente a quimioterapia en pacientes con cáncer ovárico epitelial recidivante de alto grado con mutación de BRCA, cáncer peritoneal primario o de trompas de falopio. AR. PI: ANTONIO CASADO HERRÁEZ.

ECL.16/556. Estudio En Fase III, Abierto, Aleatorizado y Multicéntrico de Nktr-102 Frente Al Tratamiento Elegido por El Médico En Pacientes Con Cáncer de Mama Metastático que Tienen Metástasis Cerebrales Estables y Que Han Recibido Tratamiento con una Antraciclina, u. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.17/206. Tratamiento de mantenimiento con trabectedina frente a observación después del tratamiento de primera línea con doxorubicina de pacientes con sarcoma de tejidos blandos avanzado o metastático. PI: ANTONIO CASADO HERRÁEZ.

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 w. PI: FERNANDO MORENO ANTÓN.

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 (nu. PI: FERNANDO MORENO ANTÓN.

ECL.2016/003. ESTUDIO DE FASE III, MULTICÉNTRICO, MULTINACIONAL, ALEATORIZADO, ABIERTO, CON GRUPOS PARALELOS SOBRE AVELUMAB* (MSB0010718C) MÁS LOS MEJORES CUIDADOS PALIATIVOS FRENTE A LOS MEJORES CUIDADOS PALIATIVOS SOLOS COMO TRATAMIENTO DE MANTENIMIENTO EN PACIENTES. PI: JAVIER PUENTE VÁZQUEZ.

ECL.2016/004. Estudio de fase II aleatorizado de MLN0128 (inhibidor doble de TORC1/2), MLN0128 + MLN1117 (inhibidor de PI3Ka), paclitaxel semanal, o la combinación de paclitaxel semanal y MLN0128 en mujeres con cáncer de endometrio avanzado, recurrente o persistente. PI: ANTONIO CASADO HERRÁEZ.

ECL.2016/016. Estudio de fase III multicéntrico, doble ciego, randomizado, controlado con placebo de Atezolizumab (anticuerpo anti-PD-L1) en combinación con Gemcitabina/Carboplatino frente a Gemcitabina/Carboplatino solo en pacientes con carcinoma urotelial localmente. PI: JAVIER PUENTE VÁZQUEZ.

ECL.2016/017. An Open-Label, Phase 2 Study of Neratinib in Patients With Solid Tumors With Somatic Human Epidermal Growth Factor Receptor (EGFR, HER2, HER3) Mutations or EGFR gene amplification. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

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 metastático, no tratado previamente - (KEYNOTE-3. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2016/078. Estudio de Fase III de BBI-608 en combinación con 5-fluorouracilo, ácido folínico e irinotecán (FOLFIRI) en pacientes adultos con

cáncer colorrectal (CCR) metastático previamente tratado. PI: JAVIER SASTRE VALERA.

ECL.2017/045. ESTUDIO DE FASE III, ABIERTO Y ALEATORIZADO PARA COMPARAR ATEZOLIZUMAB (ANTICUERPO ANTI-PD-L1) CON UN DERIVADO DEL PLATINO (CISPLATINO O CARBOPLATINO) EN COMBINACIÓN CON PEMETREXED O GEMCITABINA EN PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO Y NO EPIDER. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL.2017/066. Ensayo fase II de nab-paclitaxel para el tratamiento de tumores desmoides y tumores desmoplásicos de células pequeñas y redondas y sarcoma de Ewing en recaída múltiple o refractarios. PI: GLORIA MARQUINA OSPINA.

ECL.2017/086. ESTUDIO DE FASE IB MULTICÉNTRICO, SIN ENMASCARAMIENTO PARA EVALUAR LA SEGURIDAD Y LA EFICACIA DE IPATASERTIB EN COMBINACIÓN CON ATEZOLIZUMAB Y PACLITAXEL O NAB-PACLITAXEL EN PACIENTES CON CÁNCER DE MAMA TRIPLE NEGATIVO LOCALMENTE AVANZADO O METASTÁSICO. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2017/087. Estudio de fase III, aleatorizado, multicéntrico y multinacional de tesetaxel más una dosis reducida de capecitabina en comparación con capecitabina en monoterapia en mujeres con cáncer de mama metastático o localmente avanzado, HER2 negativo y receptor h. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2017/088. Estudio de fase II, abierto, aleatorizado y multicéntrico, para evaluar la seguridad y la eficacia de agentes dirigidos frente a los mecanismos de reparación del ADN en combinación con olaparib, en comparación con olaparib en monoterapia, en el tratamiento. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

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 meta. PI: JAVIER PUENTE VÁZQUEZ.

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 metastático que no son candi. PI: JAVIER SASTRE VALERA.

ECL.2017/110. CONTROL: An Open-Label Study to Characterize the Incidence and Severity of Diarrhea in Patients with Early-Stage HER2+ Breast Cancer Treated with Neratinib and Intensive Loperamide Prophylaxis. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2018/002. Estudio de fase II multicéntrico, controlado con activo, aleatorizado para comparar la eficacia y seguridad de la terapia dirigida o inmunoterapia para el cáncer guiada por el perfil genómico frente a la quimioterapia basada en platino en pacientes con cá. PI: ANTONIO CASADO HERRÁEZ.

ECL.2018/004. Estudio de fase II, multicéntrico, abierto de nal-IRI para la progresión de las metástasis cerebrales en pacientes con cáncer de mama HER2 negativo. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

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 metastático ya tratado previamente (EV-301). PI: JAVIER PUENTE VÁZQUEZ.

ECL.2018/086. Estudio de fase 2 abierto y aleatorizado, en el que se evalúa cómo influyen los alimentos en la tolerabilidad de abemaciclib en pacientes con cáncer de mama metastático con receptores hormonales positivos y HER2 negativos para el que hayan recibido trata. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2018/100. Estudio en fase III, aleatorizado y abierto de brigatinib (ALUNBRIGTM) en comparación con alectinib (ALECENSA®) en pacientes con cáncer de pulmón no microcítico avanzado positivo para cinasa de linfoma anaplásico que han progresado con crizotinib (XALKORI). PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL.2018/116. Eficacia de olaparib en combinación con trastuzumab en pacientes con cáncer de mama avanzado HER2-positivo, y con mutación en BRCA o Deficiencia en la Recombinación Homóloga (DRH) - Estudio OPHELIA. PI: JOSÉ ÁNGEL GARCÍA SÁENZ.

ECL.2018/132. Estudio de fase 3, aleatorizado, doble ciego y controlado con placebo de cabozantinib (XL184) en pacientes con cáncer diferenciado de tiroides resistente a radioyodo que han progresado después de tratamiento dirigido previo con VEGFR-. PI: ANTONIO CASADO HERRÁEZ.

ECL.2018/132. Estudio de fase 3, aleatorizado, doble ciego y controlado con placebo de cabozantinib (XL184) en pacientes con cáncer diferenciado de tiroides resistente a radioyodo que han progresado después de tratamiento dirigido previo con VEGFR-. PI: GLORIA MARQUINA OSPINA.

ECL.2018/145. Fase II, multicéntrico, de un solo brazo, para evaluar la eficacia del tratamiento con sirolimus y ciclofosfamida en condrosarcoma y liposarcoma mixoide irresecable o metastásico. PI: ANTONIO CASADO HERRÁEZ.

ECL.2018/156. Estudio de fase I para evaluar la seguridad, la tolerabilidad y la farmacocinética de INCMGA00012 (anteriormente MGA012) en pacientes con tumores sólidos avanzados. PI: ANTONIO CASADO HERRÁEZ.

ECL.2019/009. ENSAYO CLÍNICO FASE II RANDOMIZADO DE QUIMIOINMUNOTERAPIA NEO-ADYUVANTE VERSUS QUIMIOTERAPIA SOLA PARA EL TRATAMIENTO DE PACIENTES CON CÁNCER DE PULMÓN NO MICROCÍTICO (CPNM) LOCALMENTE AVANZADO Y POTENCIALMENTE RESECABLE. NADIM II: Neo-Adjuvant Immunother. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

ECL.2019/010. ENSAYO CLÍNICO FASE II ABIERTO DE ATEZOLIZUMAB EN COMBINACIÓN CON BEVACIZUMAB COMO PRIMERA LÍNEA DE TRATAMIENTO PARA PACIENTES CON CANCINOMA DE PULMÓN NO MICROCÍTICO NO ESCAMOSO LOCALMENTE AVANZADO O METASTÁSICO SELECCIONADOS SEGÚN CARGA MUTACIONAL TUMORA. PI: JOSÉ LUÍS GONZÁLEZ LARRIBA.

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 pre. PI: JAVIER PUENTE VÁZQUEZ.

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. PI: JAVIER PUENTE VÁZQUEZ.

ECL.LABIMOL. PROGRAMA DE APOYO DEL SERVICIO DE LABORATORIO DE BIOLOGÍA MOLECULAR DE ONCOLOGÍA. PI: TRINIDAD CALDES LLOPIS.

EDR.F01SYS. Evaluación de la Sensibilidad del Kit OncoBEAM y la plataforma Idylla para la detección de mutaciones RAS en ctDNA de pacientes con cáncer de colon metastásico.(SKYLINE). PI: PEDRO PÉREZ SEGURA. Funding Organisation: SYSMEX ESPAÑA S.L.

EDR.M01IMB. Prestación de servicios consistentes en la realización de un total de 68 determinaciones por aislamiento de CTCs. PI: PEDRO PÉREZ SEGURA. Funding Organisation: FUNDACION PARA LA FORMACIÓN E INVESTIGACION SANITARIAS DE LA REGION DE MURCIA.

FMA.M01PFI. "ANÁLISIS 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. PI: FERNANDO MORENO ANTÓN. Funding Organisation: PFIZER, S.L.U.

FMA.M02PFI. Financiación Proyecto "Retrospective observational análisis of Palbociclib treatment in patients with first line therapy for advanced or metastatic breast cancer" (Promotor FIBHCSC). PI: FERNANDO MORENO ANTÓN.

JPV.C01AST. Colaboración para la realización del Proyecto "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". PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: ASTELLAS PHARMA, S.A.

JPV.C01ROC. Convenio de Colaboración para la financiación del plan de publicaciones de la Unidad de Tumores Urológicos del Servicio de Oncología Médica. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: ROCHE FARMA S.A.U.

JPV.C02AST. El objeto del Convenio consiste en que ASTELLAS contribuya 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 d. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: ASTELLAS PHARMA, S.A.

JPV.F01AST. REVISIÓN DOCUMENTAL DE ALTERACIONES MOLECULARES EN MUESTRAS DE TEJIDO DE CÁNCER DE PULMÓN. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: ASTRAZENCA FARMACEUTICA SPAIN S.A.

JPV.M01PAL. Patrocinio Jornada para la mejora en los procesos asistenciales de pacientes diagnosticados de tumores genitourinarios 19 de marzo de 2020. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: PALEX MEDICAL S.A.

JPV.M01ROC. Contrato prestación servicios asesoramiento científico para el estudio con código de protocolo ML40792. PI: JAVIER PUENTE VÁZQUEZ. Funding Organisation: ROCHE FARMA S.A.U.

JSV.C01ROC. PROYECTO DE INVESTIGACIÓN PARA ANALIZAR LAS CARACTERÍSTICAS CLÍNICAS Y FISIOPATOLÓGICAS DE LA HIPERTENSIÓN ARTERIAL ASOCIADA AL TRATAMIENTO CON BEVACIZUMAB, EN PACIENTES DIAGNOSTICADOS DE CÁNCER COLORRECTAL AVANZADO QUE VAYAN A RECIBIR QUIMIOTERAPIA MAS B. PI: JAVIER SASTRE VALERA. Funding Organisation: ROCHE FARMA S.A.U.

JSV.F01AMG. "PROGRAMA DE FORMACIÓN DE PERSONAL DE APOYO A LA INVESTIGACIÓN EN ONCOLOGÍA MÉDICA". PI: JAVIER SASTRE VALERA. Funding Organisation: AMGEN S.A.

JSV.F02AMG. Programa de formación de personal de apoyo a la investigación en Oncología Médica. PI: JAVIER SASTRE VALERA. Funding Organisation: AMGEN S.A.

JSV.M01BRI. Patrocinio Formación Práctica en Enfermería de Investigación Clínica en el Área de Oncología Médica. PI: JAVIER SASTRE VALERA. Funding Organisation: BRISTOL MYERS SQUIBB, S.A.U.

JSV.M01ECO. Programa formación científica 2 y 3 de octubre de 2017 en el área de Cólon. PI: JAVIER SASTRE VALERA. Funding Organisation: FUNDACION ECO.

JSV.M01ECO. Programa formación científica 2 y 3 de octubre de 2017 en el área de Cólon. PI: PEDRO PÉREZ SEGURA. Funding Organisation: FUNDACION ECO.

JSV.M01SER. Patrocinio Reuniones Multidisciplinares de la Unidad de Oncología, relativas a la difusión de las novedades científicas en patología onco-hematológica, resolución de casos clínicos, e investigación que desarrollará el Patrocinado en el H. Clínico San Car. PI: PEDRO PÉREZ SEGURA. Funding Organisation: LABORATORIOS SERVIER, S.L.

JSV.M01SER. Patrocinio Reuniones Multidisciplinares de la Unidad de Oncología, relativas a la difusión de las novedades científicas en patología onco-hematológica, resolución de casos clínicos, e investigación que desarrollará el Patrocinado en el H. Clínico San Car. PI: JAVIER SASTRE VALERA. Funding Organisation: LABORATORIOS SERVIER, S.L.

JSV.M02CURSO. II PROGRAMA DE FORMACIÓN TEÓRICO EN ENFERMERÍA DE INVESTIGACIÓN CLÍNICA EN EL ÁREA DE ONCOLOGÍA MÉDICA DEL HOSPITAL CLÍNICO SAN CARLOS DEL 3 AL 28 DE FEBRERO DE 2020. PI: JAVIER SASTRE VALERA.

JSV.M02SER. PATROCINIO I PROGRAMA DE FORMACIÓN PRÁCTICA EN ENFERMERÍA DE INVESTIGACIÓN CLÍNICA EN EL ÁREA DE ONCOLOGÍA MÉDICA DEL HOSPITAL CLÍNICO SAN CARLOS. PI: JAVIER SASTRE VALERA. Funding Organisation: LABORATORIOS SERVIER, S.L.

JSV.M03ECO. Programa de formación consistirá en la realización de una estancia formativa en el Servicio de Oncología Médica del HCSC de 2 días de duración por parte del personal de Servier (11-13 de febrero 2020). PI: JAVIER SASTRE VALERA. Funding Organisation: FUNDACION ECO.

TCL.M01AMG. Prestación servicios determinaciones KRAS, NRAS Y BRAF. PI: TRINIDAD CALDES LLOPIS; PEDRO PÉREZ SEGURA. Funding Organisation: TRIAL FORM SUPPORT SPAIN, S.L.

TCL.M04MER. Prestación de servicios de pruebas de laboratorio en muestras solicitadas por médicos de distintos centros hospitalarios para el análisis del estado mutacional NRAS y BRAF sobre muestras de sangre o tejido (PrecisaRas). PI: TRINIDAD CALDES LLOPIS; PEDRO PÉREZ SEGURA. Funding Organisation: MERCK, S.L.U.

ECL.11/052. ENSAYO CLÍNICO FASE III RANDOMIZADO PARA EVALUAR EL VALOR PRONÓSTICO DEL ESTADO MUTACIONAL DEL GEN K-RAS EN PACIENTES CON CÁNCER COLORRECTAL METASTÁSICO ESTADIO IV NO PREVIAMENTE TRATADOS. PI: JAVIER SASTRE VALERA.

ECL15/451. ENSAYO CLINICO DE FASE Ib/II, ALEATORIZADO, DE BI 836845 EN COMBINACIÓN CON EXEMESTANO Y EVEROLIMUS FRENTE A EXEMESTANO Y EVEROLIMUS EN MUJERES CON CANCER DE MAMA LOCALMENTE AVANZADO O METASTASICO. PI: JOSÉ ÁNGEL GARCÍA SAENZ.

EDR.F01MFQ. BOLSA DE DONACIONES: PROYECTO DE DESARROLLO DE LA UNIDAD DE INVESTIGACIÓN CLÍNICA DEL SERVICIO DE ONCOLOGÍA MÉDICA. PI: PEDRO PÉREZ SEGURA. Funding Organisation: GLAXOSMITHKLINE S.A.

JSV.M01KER. PATROCINIO I PROGRAMA DE FORMACIÓN PRÁCTICO EN ENFERMERÍA DE INVESTIGACIÓN CLÍNICA EN EL ÁREA DE ONCOLOGÍA MÉDICA DEL HOSPITAL CLÍNICO SAN CARLOS. PI: JAVIER SASTRE VALERA. Funding Organisation: KERN PHARMA S.L.

ONC.2 Cancer and Obesity

COMPETITIVE FUNDING

FHT.FIB.PREMIO.18. Premio a la Traslación de Valor a la Atención Sanitaria - Premio a la iniciativa innovadora que aporta valor. PI: FLORENTINO HERNANDO TRANCHO. Funding Organisation: FUNDACIÓN PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS.

FIS.1501199. Marcadores de senescencia y de función telomérica en pacientes obesos con cáncer colorrectal reseado con intención curativa. Implicaciones pronósticas. PI: ANTONIO JOSÉ TORRES GARCÍA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.190073. Obesidad, microbiota y función telomérica en cáncer. Relevancia de la microbiota en el eje intestino-pulmón. PI: ANTONIO JOSÉ TORRES GARCÍA, M^a PILAR INIESTA SERRANO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FMM.14.AGB. INFUSIÓN DE CELULAS CD133+, EN PACIENTES CON METÁSTASIS HEPÁTICAS DE ORIGEN COLORRECTAL QUE VAN A SER SOMETIDOS A UNA RESECCION HEPÁTICA MAYOR (CELLCOL). PI: ALEJANDRA GARCÍA BOTELLA. Funding Organisation: FUNDACION DE INVESTIGACIÓN MEDICA MUTUA MADRILEÑA.

NON COMPETITIVE FUNDING

ATG.F01ONC2. Donación para el Grupo de Investigación de Cáncer y Obesidad. PI: ANTONIO JOSÉ TORRES GARCÍA. Funding Organisation: URREGO.

ATG.F01TYC. CIRUGÍA LAPAROSCÓPICA AVANZADA. PI: ANTONIO JOSÉ TORRES GARCÍA. Funding Organisation: COVIDIEN SPAIN S.L.U.

ATG.M01ROVI. Colaboración económica para la realización del proyecto "Efectos en la actividad anti-factor Xa de la tromboprolifaxis con Bemiparina en pacientes obesos mórbidos sometidos a cirugía bariátrica". PI: ANTONIO JOSÉ TORRES GARCÍA. Funding Organisation: LABORATORIOS FARMACEUTICOS ROVI S.A.

CONV16/047. Suministro Kits para la ejecución de un proyecto de investigación CELLCOL. PI: ALEJANDRA GARCIA BOTELLA. Funding Organisation: MILTENYI BIOTEC S.L.

CONV17/001. Prestación de servicios (Gestión de datos y análisis estadísticos) para la ejecución de un EECC cuya IP es la Dra. García Botella. PI: ALEJANDRA GARCIA BOTELLA. Funding Organisation: LEÓN RESEARCH, S.L.

ECL.07/168. ESTUDIO DE FARMACOVIGILANCIA PARA EVALUAR LA SEGURIDAD DE TYGACIL EN LAS CONDICIONES DE USO APROBADAS EN LA PRACTICA CLINICA REAL. PI: ANTONIO JOSÉ TORRES GARCÍA.

ECL.14/177. INFUSIÓN DE CELULAS CD133+, EN PACIENTES CON METÁSTASIS HEPÁTICAS DE ORIGEN COLORRECTAL QUE VAN A SER SOMETIDOS A UNA RESECCION HEPÁTICA MAYOR (CELLCOL). PI: ALEJANDRA GARCIA BOTELLA.

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: FLORENTINO HERNANDO TRANCHO.

FHT.F01COV. DONACIÓN PARA FINES DE INVESTIGACIÓN EN CIRUGÍA GENERAL II Y NEONATOLOGÍA. PI: FLORENTINO HERNANDO TRANCHO. Funding Organisation: COVIDIEN SPAIN S.L.U.

ONC.4 Cell Signaling Mechanisms during Development and Tumor Progression

COMPETITIVE FUNDING

2017-TI/BMD-5468. IDENTIFICACIÓN DE GENES ESENCIALES ASOCIADOS AL PROCESO METASTÁSICO EN PACIENTES CON CÁNCERES DE PRÓSTATA. PI: GUTIERREZ UZQUIZA, ÁLVARO. Funding Organisation: Comunidad de Madrid.

SAF2016-76588-C2-1-R. Función de C3G en el desarrollo tumoral y en la fisiopatología del hígado. Implicación del C3G plaquetario en la angiogénesis y en enfermedades hepáticas y cardiovasculares. PI: PORRAS GALLO, ALMUDENA. Funding Organisation: Ministerio de Ciencia e Innovación.

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 Innovación.

RTI2018-099098-B-I00. Acotando las acciones e interacciones entre los RTKs (Met, EGFR) y BMP-9 durante el daño hepático colestático crónico. Células progenitoras e inflamación en primera línea. PI: SÁNCHEZ MUÑOZ, ARÁNZA. Funding Organisation: Ministerio de Ciencia e Innovación.

PID2019-104991RB-I00. DESCIFRANDO LA FUNCION DE LAS NEUROFILINAS Y LAS PLEXINAS EN LA REGULACION DEL DESTINO CELULAR DE LAS CELULAS TUMORALES DISEMINADAS Y LA FORMACION DE METASTASIS. PI: PALOMA BRAGADO DOMINGO. Funding Organisation: Ministerio de Ciencia e Innovación.

ONC.5 Cannabinoid Signaling in Tumor Cells

EUR.TRAIN16. Tribbles Research and Innovation Network. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: COMISIÓN EUROPEA.

FIS.180442. Mecanismos de muerte mediada por autofagia en respuesta a fármacos antitumorales y participación de genes reguladores de la autofagia en el control de la tumorigénesis. PI: M^a DEL MAR LORENTE PÉREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.180442. Mecanismos de muerte mediada por autofagia en respuesta a fármacos antitumorales y participación de genes reguladores de la autofagia en el control de la tumorigénesis. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

GVD.CPP.19. Contratación de investigadores predoctorales e investigadores posdoctorales 2019. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

GVD.YE1.17. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

Diseño de una nueva estrategia para bloquear la metastasis a través de la inhibición de la SUMOilación de RAC1. PI: SONIA CASTILLO LLUVA. Funding Organisation: PLAN NACIONAL.

NON COMPETITIVE FUNDING

CONV16/120. Consortium Agreement suscrito en el marco del Proyecto "Marie Skłodowska-Curie Innovation Training Network (ITN) European Training Network. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: UNIVERSITY OF SHEFFIELD.

GVD.F01JEFF. Donación para la realización de actividades de investigación dirigidas a ayudar en el desarrollo y optimización de las terapias contra el cáncer basadas en cannabinoides (descripción de proyectos adjuntos como anexo al acuerdo. PI: GUILLERMO VELASCO DÍEZ. Funding Organisation: DITCHFIELD.

ONC.6 Women's Health Research Group

COMPETITIVE FUNDING

ERP.DEXEUS.19. Análisis de la inmunidad de las mujeres infectadas por el virus del papiloma humano y su relación con la lesión intraepitelial cervical (estudio IMVIR). PI: ESTEFANIA RUIPEREZ PACHECO. Funding Organisation: FUNDACIO SANTIAGO DEXEUS FONT.

NON COMPETITIVE FUNDING

CONV18/064. Contrato 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: NURIA IZQUIERDO MÉNDEZ, M^a EUGENIA OLIVARES CRESPO, PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA.

CONV20/065. Contrato de cesión para el "Ensayo de fase 3 aleatorizado, con doble enmascaramiento y controlado por placebo" con código de Protocolo: MITDo001- C301. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation:

ECL.15/433. Estudio multicéntrico fase IV, observador ciego, aleatorizado, cruzado, controlado con placebo para evaluar la inmunogenicidad y seguridad de una dosis única de Boostrix® en mujeres embarazadas. PI: JUAN ELOY ASENJO DE LA FUENTE.

ECL.15/563. Estudio multicéntrico de fase IV, abierto, no aleatorizado para evaluar la inmunogenicidad y seguridad de Infanrix hexa® administrada como vacunación primaria en niños sanos, nacidos de madres que recibieron Boostrix® durante el embarazo o en el postparto. PI: JUAN ELOY ASENJO DE LA FUENTE.

MHM.M01UCM. CLASES PRÁCTICAS IMPARTIDAS EN EL MASTER PROPIO UCM EN REPRODUCCIÓN HUMANA (Edición 2014/15). PI: MIGUEL ÁNGEL HERRÁIZ MARTÍNEZ. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

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: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

ECL.13/406. Análisis de la Resiliencia en mujeres pre y postmenopáusicas. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

ECL.13/314. Aplicabilidad de la Colposcopia con el sistema DySIS. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

ECL.14/151. Valor de la Linfadenectomía en el Cáncer de Endometrio de Riesgo intermedio. PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.2017/040. PHPC-201501 (PALOMACARE). PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.2017/024. HPV-301-CIN (ROES04) (REVEAL 1). PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.17/242. Estudio observacional, prospectivo y multicéntrico para evaluar. PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.17/200. Inmunomoduladores bacterianos y fúngicos: efectos en células inmunitarias. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: INMUTEC.

PCM.M01REI. PROGRAMA DE APOYO AL GRUPO DE INVESTIGACIÓN: Grupo de invest. PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.18/181. 18/181_O_M_LA_(EURAS-LCS12). PI: PLUVIO JESÚS CORONADO MARTÍN.

CONV18/004. Cesión en uso de una cámara Canon, ordenador portátil, etc p. PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.18/298. Investigación clínica para la evaluación del efecto de PAP-1 en el carcinoma de cérvix. PI: PLUVIO JESÚS CORONADO MARTÍN.

CONV18/064. Contrato desarrollo app cuya finalidad es proporcionar información sobre la depresión en la gestante. PI: PLUVIO JESÚS CORONADO MARTÍN.

ECL.2019/107. MIT-Do001-C301. PI: PLUVIO JESÚS CORONADO MARTÍN.

PCM.M04MSD. Estudio de la efectividad de la vacuna profiláctica frente a. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: Sanofi-MSD.

ECL.19/320. Estudio de la efectividad de la vacuna profiláctica frente a. PI: PLUVIO JESÚS CORONADO MARTÍN.

PCM.MSER.19. Valoración inmunohistoquímica (TILs / PD-L1) del cáncer de c. PI: PLUVIO JESÚS CORONADO MARTÍN.

PI20/00946. Valoración inmunohistoquímica (TILs/PD-L1) del cáncer de c. PI: PLUVIO JESÚS CORONADO MARTÍN.

20/590-E. 20/590-E - Estudio HPV-know. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

20/775-E. 20/775-E - ESTUDIO YOC-CARE (YOUNG OVARIAN CANCER - CARE). PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: SEGO.

20/4024. ESTUDIO IOP. Estudio multicéntrico para la evaluación de la utilidad diagnóstica del test intraoperatorio del virus del papiloma humano como marcador precoz de curación o recidiva en mujeres con neoplasia intraepitelial cervical de alto grado (HSIL/CIN2-3)". PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: SEGO.

20/581. Valor del test de metilación (Gyntect) en el control postconización en lesiones de alto grado (Estudio METHYLCON). PI: MAR RAMIREZ MENA. Funding Organisation: GYNTEC.

17/023. Estudio observacional prospectivo sobre la biopsia del ganglio centinela en pacientes con cáncer de cuello uterino etapa temprana. sentix. PI: PLUVIO JESÚS CORONADO MARTÍN. Funding Organisation: ESTUDIO ACADEMICO INTERNACIONAL. Universidad Carolina de Praga.

ECL.GINECO. PROGRAMA DE APOYO DEL SERVICIO DE GINECOLOGIA. PI: MIGUEL ÁNGEL HERRÁIZ MARTÍNEZ.

20/582. Valor pronóstico del test de metilación (Gyntect) en las lesiones cervicales de bajo grado (CIN1) (Estudio METHYLOW)" lesiones cervicales de bajo grado (CIN1) (Estudio METHYLOW)". PI: MAR RAMIREZ MENA. Funding Organisation: GYNTEC.

OTHER LARGE SYSTEMS

OGS.6 Diabetes and Cardiovascular

ECL.ANACLI. ANALISIS CLINICOS (LABORATORIO HOSPITAL). PI: MANUEL ROMAN BENITO DE LAS HERAS.

OGS.9 Endocrinology of Metabolic Diseases

COMPETITIVE FUNDING

FIS.161655. Metabolismo de los ácidos biliares en cirugía bariátrica con diferentes grados de malabsorción y su modulación sobre la microbiota. PI: MIGUEL ÁNGEL RUBIO HERRERA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.171442. EXPRESIÓN DE CITOQUINAS, ADIPOQUINAS Y MRNAS EN LA DIABETES GESTACIONAL. MODIFICACIÓN CON DIETA MEDITERRANEA. PI: ALFONSO LUIS CALLE PASCUAL. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.171732. PREDIMED+DM: Efecto de una pérdida de peso con dieta mediterránea hipocalórica y promoción de la actividad física en la prevención de diabetes tipo 2 en personas con síndrome metabólico. PI: MARÍA PILAR MATÍ MARTÍN. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NGL.MINECO.19. DESARROLLO DE UNA HERRAMIENTA PARA LA DETERMINACIÓN DE RIESGO GENÉTICO Y PREVENCIÓN PERSONALIZADA DE LA DIABETES GESTACIONAL. PI: NURIA GARCÍA DE LA TORRE LOBO. Funding Organisation: MINISTERIO DE CIENCIA E INNOVACION.

PMM.PAID.17. Diseño, mediante inteligencia artificial, algoritmos predictivos para la identificación de individuos en riesgo de desarrollar sobrepeso/obesidad y sus patologías asociadas. Aportación del análisis genético, (Estudio GenObIA-CM). PI: MARÍA PILAR MATÍAS MARTÍN. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

NON COMPETITIVE FUNDING

ACP.M01AMG. Contrato de Colaboración para la realización del Proyecto Dyslipidemia Circle. PI: ALFONSO LUIS CALLE PASCUAL. Funding Organisation: AMGEN S.A.

ECL.04/167. ESTUDIO MULTICÉNTRICO, DOBLE CIEGO, ALEATORIZADO, CON CONTROL ACTIVO PARA COMPARAR EL EFECTO DE 52 SEMANAS DE TRATAMIENTO CON 50 MG DE LAF237 BID CON GLICACIDA HASTA UNA DOSIS DE 320 MG/DIA COMO TERAPIA AÑADIDA A PACIENTES CON DIABETES TIPO II NO CONTROLA. PI: ALFONSO LUIS CALLE PASCUAL.

ECL.05/047. ESTUDIO ALEATORIZADO, DOBLE CIEGO, CONTROLADO CON PLACEBO, GRUPOS PARALELOS, DE 12 SEMANAS DE DURACION QUE EVALUA LA EFICACIA Y SEGURIDAD DE ALISKIREN EN PACIENTES CON DIABETES E HIPERTENSION QUE NO RESPONDEN ADECUADAMENTE A LA COMBINACION DE VALSARTAN 16. PI: ALFONSO LUIS CALLE PASCUAL.

ECL.11/017. ESTUDIO INTERNACIONAL, TRANSVERSAL, NO INTERVENCIÓNISTA PARA LA EVALUACION DE PACIENTES CON TUMORES NEUROENDOCRINOS QUE ESTÉN RECIBIDOS SOMATULINA AUTOGEL COMO TRATAMIENTO DE SINDROME CARCINOIDE ASOCIADO A EPISODIOS DE DIARREA. PI: JOSÉ ÁNGEL DÍAZ PÉREZ.

ECL.12/104. ENSAYO CLINICO, ALEATORIZADO, ABIERTO, DE GRUPOS PARALELOS PARA COMPARAR EL EFECTO DE LIRAGLUTIDA CON UNA SULFONILUREA, AMBOS EN COMBINACIÓN CON METFORMINA, SOBRE MARCADORES CLINICOS, ENDOTELIALES Y DE IMAGEN EN PACIENTES CON DIABETES TIPO 2. PI: ALFONSO LUIS CALLE PASCUAL.

ECL.18/163. Efecto y seguridad de semaglutida 2,4 mg una vez por semana en sujetos con sobrepeso u obesidad que alcancen el objetivo de dosis durante el período de preinclusión. PI: MIGUEL ÁNGEL RUBIO HERRERA.

IRV.F21OTS. Donación para actividades de investigación en el campo de la hiponatremia. PI: MARÍA PAZ DE MIGUEL NOVOA. Funding Organisation: OTSUKA PHARMACEUTICAL S.A.

MRH.F01OS09. Línea de investigación en Influenza y caracterización del estilo de vida en la prevención y tratamiento de la Diabetes Mellitus y enfermedades metabólicas asociadas. PI: MIGUEL ÁNGEL RUBIO HERRERA. Funding Organisation: FUNDACION DE INVESTIGACION EN NUTRICION Y METABOLISMO.

OGS.12 Clinical Pharmacology

COMPETITIVE FUNDING

ECL.20/237. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital." - "An international randomised trial of additional. PI: IP: Vicente Estrada Pérez ;Co-IP: Antonio Portolés Pérez."

CA19/00014. CONTRATOS DE TÉCNICOS BIOINFORMATICOS: DAVID PIZARRO MARTINEZ. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

COV20/00612. Un ensayo aleatorizado internacional para evaluar tratamientos no licenciados para COVID-19 en pacientes hospitalizados que reciben el tratamiento convencional para COVID que se ofrece en cada hospital. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

EMVC.CPP.18. Contratación de investigadores predoctorales e investigadores posdoctorales 2018. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: CONSEJERÍA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

EUR.IDEAFast. EUR.IDEA-FAST. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: COMISIÓN EUROPEA.

EUR.TREOCAPA CTU. Prophylactic treatment of the ductus arteriosus in preterm infants by acetaminophen- CTU. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: COMISIÓN EUROPEA.

PEJ18/001691. GESTOR I+D+i en la Unidad técnica del IdISSC. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

PT17/0017/0001. PLATAFORMA DE UNIDADES DE INVESTIGACIÓN CLÍNICA Y ENSAYOS CLINICOS. SCREN. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: INSTITUTO DE INVESTIGACIÓN CARLOS III.

PT17/0017/0018. PLATAFORMA DE UNIDADES DE INVESTIGACIÓN CLÍNICA Y ENSAYOS CLINICOS. UICEC. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: INSTITUTO DE INVESTIGACIÓN CARLOS III.

NON COMPETITIVE FUNDING

APP.F01SER. Donación para el Ensayo clínico randomizado promovido por la OMS que comparará 4 posibles tratamientos (Solidarity). PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: SERQUO SOFTWARE S.A.

APP.M01FAR. Prestación de actividades de: Asesoría y diseño de un ensayo clínico para evaluar la eficacia analgésica y la seguridad de una combinación intravenosa de ibuprofeno arginina-tramadol hidrocloreto en dolor moderado o severo posoperatorio. PI: ANTONIO PORTOLÉS PÉREZ.

APP.M01FIC. Prestación de servicios de CRO para el estudio PREDICT (Promotor FIC). PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

APP.M01GMP. Servicios asesoría área farmacología "Comité de Expertos en Enfermedad de Wilson". PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: GMP ORPHAN S.L.

APP.M01INUT. Prestación de servicios en el marco del EECC EFICACIA Y SEGURIDAD DE LA ADMINISTRACIÓN DEL EXTRACTO DE PASIFLORA EN LA DESHABITUACIÓN A BENZODIACEPINAS EN ANCIANOS INSTITUCIONALIZADOS: ENSAYO CLÍNICO FASE III. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: NUTRICION MEDICA S.L.

APP.M01RLECRIN. Recursos liberados proyecto ECRIN-IA. PI: ANTONIO PORTOLÉS PÉREZ.

APP.M01UICEC. UNIDAD TRANSVERSAL DE APOYO UICEC. PI: ANTONIO PORTOLÉS PÉREZ.

APP.M02FIC. Prestación de servicios en el marco del EECC CRAFT. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

CONV20/073. AEMPS encarga a la FIBHCSC la coordinación del estudio Solidarity. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: MINISTERIO DE SANIDAD Y POLÍTICA SOCIAL.

CONV20/079. Licencia Software y prestación de servicios para la realización de campaña COVID19. Servicio gratuito hasta 15 junio 2020. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: STOCKCROWD FAN-RAISING, S.L.

CONV20/103. ACUERDO MARCO ENTRE CSIC Y FIB PARA DESARROLLO DE PROYECTOS CONJUNTOS. PI: ANTONIO PORTOLÉS PÉREZ.

CONV20/144. Colaboración entre FIBHCSC y FIB HRYCajal. PI: ANTONIO PORTOLÉS PÉREZ.

ECL.10/338. EVALUACIÓN FARMACOECONÓMICA DE LA PROFILAXIS ANTITROMBÓTICA EN CIRUGÍA GENERAL. PI: EMILIO VARGAS CASTRILLÓN.

ECL.17/330 (NE2017-IBU/PSCOMP). STUDIO COMPARATIVO DE BIODISPONIBILIDAD DE DOS FORMULACIONES ORALES DE IBUPROFENO 200 MG Y PSEUDOEFEDRINA 30 MG EN COMPRIMIDOS, ADMINISTRADO EN AYUNAS, EN VOLUNTARIOS SANOS. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: NUTRA ESSENTIAL OTC, S.L.

ECL.20/227. Estudio de bioequivalencia de dos formulaciones (comprimidos recubiertos con película) de paracetamol/ibuprofeno a dosis única de 500/200 mg por vía oral en ayunas en voluntarios sanos. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FARMALIDER S.A.

ECL.20/525. Estudio de biodisponibilidad comparada en dosis única, aleatorizado, cruzado, de dos formulaciones de ibuprofeno arginina, 600 y 400 mg. (comprimidos recubiertos con película) tras la administración a voluntarios sanos en ayunas. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FARMALIDER S.A."

ECL.20/624. Estudio de fase 2/3, aleatorizado, doble ciego, controlado con placebo en grupos paralelos, para evaluar la eficacia y la seguridad de

CT-P59 en combinación con el tratamiento estándar en pacientes ambulatorios con infección por SARS-CoV-2. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: CELLTRION INC.

ECL.20/693. ENSAYO ALEATORIZADO, ABIERTO, CRUZADO A 3 PERIODOS, DE BIODISPONIBILIDAD COMPARADA ENTRE TRES FORMULACIONES ORALES DE 600 MG DE IBUPROFENO (GRANULADO EFERVESCENTE) ADMINISTRADAS EN DOSIS ÚNICA A VOLUNTARIOS SANOS EN AYUNAS. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: KERN PHARMA S.L.

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 COVID-19: Estudio de fase 2b/3, aleatorizado, con observador ciego, controlado con placebo y multicéntrico para evaluar la eficacia y seguridad de la vacuna de ARNm CVnCoV contra el SARS-CoV-2 en adultos de 18 o más años de edad. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: CUREVAC AG.

ECL.2016/033. Estudio en fase I, en abierto, de dosis única y no randomizado para evaluar la farmacocinética (FC) y la farmacodinámica (FD) de edoxabán en pacientes pediátricos. PI: EMILIO VARGAS CASTRILLÓN.

EMVC.M01FAR. Prestación servicios de asesoramiento y evaluación para el diseño, desarrollo y estrategias en EECC. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FARMALIDER S.A.

EMVC.M01FAR. Prestación servicios de asesoramiento y evaluación para el diseño, desarrollo y estrategias en EECC. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: FARMALIDER S.A.

EMVC.M01LICO. Prestación de servicios para la "Realización de un informe de valoración de expediente de registro de Frampidina". PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: LABORATORIOS LICONSA S.A.

EMVC.M01LUA. Prestación servicios consultoría/asesoramiento en el marco del EECC que Luance quiere llevar a cabo titulado "Randomized, Double-blind, Placebo-controlled Phase 1b/2 Study to Evaluate the Safety and Efficacy of Lu20819 in Hospitalized Patients Diagnosed". PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: LUANCE CO LTD.

EMVC.M01MSD. Colaboración de la FIBHCSC, a través de SCReN, para la puesta en marcha del título propio de postgrado de la UIMP "Curso de experto universitario en investigación clínica a distancia". PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

EMVC.M01MYL. Contrato de Prestación de Servicios: realización de un informe farmacológico con el fin de apoyar la inclusión de una nueva presentación de un medicamento oral formulado con lipasa pancreática en la prestación farmacéutica del SNS. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: MYLAN PHARMACEUTICALS S.L.U.

EMVC.M01ZEAL. Financiación del "ESTUDIO OBSERVACIONAL RETROSPECTIVO CON REAL WORLD DATA SOBRE EFECTIVIDAD Y SEGURIDAD DE LOS NUEVOS ANTICOAGULANTES ORALES Y ACENOCUMAROL EN LA PREVENCIÓN DE ACONTECIMIENTOS ATROFOMBOEMBÓLICOS EN PACIENTES DE LA COMUNIDAD DE MADRID" (con c. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: ZEAL CONSULTARIA S.L.

EMVC.M02KER. Contrato Prestación de Servicios a través del Grupo de Investigación de Farmacología Clínica. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: KERN PHARMA S.L.

EMVC.M02MSD. Desarrollo del proyecto "1ª Edición Máster en Investigación. PI: EMILIO VARGAS CASTRILLÓN. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

EUR.M02MadridERN. Contrato entre la FIBHCSC y la Fundación Madrid para la realización de actividades del proyecto "La Noche Europea de los Investigadores" 2020. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation: FUNDACION MADRIDMASD PARA EL CONOCIMIENTO.

ECL.20/321. Estudio fase 3 multicéntrico, aleatorizado, doble ciego, controlado con placebo para evaluar la eficacia y seguridad de canakinumab en el síndrome de liberación de citoquinas en pacientes con neumonía inducida por COVID-19 (CAN-COVID) Phase 3 multicente. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation:

ECL.20/360. Estudio prueba de concepto multicéntrico, aleatorizado, paralelo, abierto, para evaluar el perfil de seguridad de tres dosis de plitidepsina en pacientes con COVID-19 que precisen ingreso hospitalario. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation:

ECL.20/457. A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Phase 3 Study of Baricitinib in Patients with COVID-19 Infection. PI: ANTONIO PORTOLÉS PÉREZ. Funding Organisation:

OGS.13 Technology, design and Surgical Innovation

COMPETITIVE FUNDING

NEUROCENTRO CM: CENTRO TECNOLÓGICO PARA EL ESTUDIO Y TRATAMIENTO INTEGRADO DE LOS DESÓRDENES NEUROLÓGICOS B2017/BMD-3760. PI: JULIO MAYOL. Funding Organisation: COMUNIDAD DE MADRID.

EUROPE CATALYST 2020: Catalyst Europe accelerates and heightens the potential impact of biomedical research on health technology. PI: MARIA LUACES. Funding Organisation: EIT HEALTH.

COVID X. PI: MARIA LUACES. Funding Organisation: HORIZONTE 2020.

EUR.GRAVITATE. Empowering and Equipping Europeans with health information for Active Personal Health Management and Adherence to Treatment. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: COMISIÓN EUROPEA.

EUR.OCARIOT. OCARIOT: Smart childhood Obesity CARing solution using IoT potential. PI: GERMAN SEARA AGUILAR. Funding Organisation: COMISIÓN EUROPEA.

FPP.MINECO.16. CONTRATOS PREDOCTORALES PARA LA FORMACIÓN DE DOCTORES. MARIA ATOCHA GUEDAN DURÁN. PI: FIVOS PANETOS PETROVA. Funding Organisation: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD.

INN.P01.UTS.20. Programa de asignación interna de recursos 2020 COVID refuerzo de UTS-IDISSC: banco de datos clínicos. PI: JULIO ÁNGEL MAYOL MARTÍNEZ.

NON COMPETITIVE FUNDING

BRP.M01JAN. PSYCSTAGE" Cómo se ajusta el tratamiento de la Psicosis en la práctica de rutina a una Guía de Práctica clínica basada en un modelo de estadije. PI: GERMAN SEARA AGUILAR. Funding Organisation: JANSSEN-CILAG S.A.

BRP.M03JAN. Financiación estudio "DEPSTAGE: Adecuación del tratamiento de la Depresión a una guía de práctica clínica basada en un modelo de estadije de la enfermedad". PI: GERMAN SEARA AGUILAR. Funding Organisation: JANSSEN-CILAG S.A.

CONV16/006. Memorandum of understanding. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: KINOSIS LTD.

CONV16/044. Colaboración para el desarrollo del proyecto "Savana Research Neuroped" (proyecto que tiene como finalidad estudiar, a través del software "Savana Research", los perfiles epidemiológicos en la atención al paciente neurológico pediátrico, basándose en el a. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: MEDSAVANA, S.L.

CONV16/078. Convenio colaboración para el desarrollo de un proyecto audiovisual de formación e información sanitaria. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: MEDICINA TELEVISION S.A.

CONV18/030. Convenio colaboración para la distribución presupuestaria de programas de actividades dei+d. Convocatoria Biomedicina 2017. Proyecto "Centro tecnológico para el estudio y tratamiento integrado de los desórdenes neurológicos". Neurocentro CM. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS.

CONV18/064. Contrato 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: ANGEL LUIS DEL REY MEJIAS. Funding Organisation: UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA.

CONV19/035. Convenio colaboración de colaboración para la realización del proyecto "Fabricación de prototipos para formación clínica mediante tecnología de impresión 3D. Print-Bone". PI: GERMAN SEARA AGUILAR. Funding Organisation: CITD, ENGINEERING AND TECHNOLOGIES S.L.

CONV19/137. Colaboración de ambas partes para el desarrollo de proyectos y/o soluciones en el campo de la salud. PI: JULIO ÁNGEL MAYOL

MARTÍNEZ. Funding Organisation: PLATAFORMA DE ORGANIZACIONES DE PACIENTES.

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: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: FUNDACION 29 DE FEBRERO.

CONV20/036. Colaboración de Fundación29 en la ejecución del Proyecto "Piloteo de un nuevo modelo de gestión de información relacionada con COVID-19 basado en la aplicación de Inteligencia Artificial y Business Intelligence" Colaboración de Fundación29 en la ejecución. PI: GERMAN SEARA AGUILAR. Funding Organisation: FUNDACION 29 DE FEBRERO.

CONV20/058. Convenio colaboración para el desarrollo de una herramienta de gestión que pueda servir para la toma de decisiones sobre la distribución y logística de medicamentos y material médico entre los hospitales de la Comunidad de Madrid (en adelante el Proyecto. PI: GERMAN SEARA AGUILAR. Funding Organisation: UNIVERSIDAD POTIFICIA COMILLAS.

CONV20/063. Colaboración con la UPM para la realización de trabajos de consultoría, consistentes en un modelo de integración de datos clínicos basados en i2b2. PI: GERMAN SEARA AGUILAR. Funding Organisation: UNIVERSIDAD POLITÉCNICA DE MADRID.

CONV20/096. Convenio para Valorar colaboración en ejecución de proyecto (MOU) "Creation of risk models to predict adverse outcomes in patients with Covid-19 disease treated in the emergency department". PI: GERMAN SEARA AGUILAR.

FPP.M01NOVE. Contrato prestación servicios Plataforma Tecnológica de Novela, los servicios del descubrimiento y desarrollo de terapias neurológicas para la adicción basada en la neuroestimulación. PI: FIVOS PANET-SOS PETROVA. Funding Organisation: NOVELA NEUROTECHNOLOGIES INC.

GSA.M03AMG. Patrocinio FORO CLÍNICO 2020. PI: GERMAN SEARA AGUILAR.

JMM.F01BOE. Diseño y construcción de un Sistema de Soporte a la Decisión Clínica (Syspharma). PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: BOEHRINGER INGELHEIM ESPAÑA S.A.

JMM.F02OTSU. SODIUM-UP: PLATAFORMA DE AYUDA A LA DECISION CLÍNICA EN DIAGNOSIS Y TRATAMIENTO DE PACIENTES CON HIPONATREMIA MEDIANTE VÍAS CLÍNICAS INTELIGENTES Y MINERÍA DE DATOS. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: OTSUKA PHARMACEUTICAL S.A.

JMM.M01ALEX. Patrocinio "Jornada Abordaje Multidisciplinar MAT " con fines de investigación sobre microangiopatías trombóticas y su abordaje multidisciplinar 27 de abril 2021. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: ALEXION PHARMA SPAIN S.L.

JMM.M01FUJ. Proyecto HIKARI. Convenio Marco de Colaboración para el desarrollo de proyectos. "Evaluación del perfil sociodemográfico y clínico y del riesgo de suicidio en los pacientes atendidos en la Urgencia Hospitalaria de Psiquiatría de un Hospital Terciario". PI: JULIO ÁNGEL MAYOL MARTÍNEZ; GERMAN SEARA AGUILAR. Funding Organisation: FUJITSU LABORATORIES OF EUROPE LIMITED.

JPD.M01FIC. Colaboración para la ejecución del proyecto "Desarrollo de un modelo organizativo para dar soporte a la Red Cardiovascular Cardio-red". PI: GERMAN SEARA AGUILAR. Funding Organisation: FUNDACION INTERHOSPITALARIA PARA INVESTIGACION CARDIOVASCULAR.

BDCLIN: PROYECTO DE CREACIÓN DE UN BANCO DE DATOS CLÍNICOS DEL HOSPITAL CLÍNICO SAN CARLOS DURANTE LA PANDEMIA COVID-19. PI: MARIA LUACES. Funding Organisation: INTERNA.

OBSIDITY COVID. PI: MARIA LUACES. Funding Organisation: NOVONORDISK.

CONV10/022. ACUERDO ESPECÍFICO MARCO ENTRE LA FUNDACION Y SENER INGENIERIA Y SISTEMAS, S.A. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: SENER INGENIERIA Y SISTEMAS S.A.

CONV10/029. ACUERDO MARCO DE COLABORACIÓN PARA LLEVAR A CABO ACCIONES DE I+D+I EN MATERIA DE IMAGEN BIOMÉDICA. PI: JULIO ÁNGEL MAYOL MARTÍNEZ. Funding Organisation: DESARROLLOS INFORMATICOS ABADIA, S.L.U.

OGS.14 Medical Physics

COMPETITIVE FUNDING

EVC.M01RLEUTEMPE. Recursos liberados proyecto EUTEMPE-RX. PI: ELISEO VAÑO CARRUANA.

EVC.M01RLEUTEMPE. Recursos liberados proyecto EUTEMPE-RX. PI: ROBERTO MARIANO SÁNCHEZ CASANUEVA.

RSC.F01CSN. Convenio de Colaboración para la ejecución del Proyecto de I+D sobre "Estimaciones de dosis ocupacionales en cristalino en Instalaciones Sanitarias y de Investigación (EDOCI). Propuestas de Vigilancia Radiológica Individual". PI: ROBERTO MARIANO SÁNCHEZ CASANUEVA. Funding Organisation: CONSEJO DE SEGURIDAD NUCLEAR.

ECL.21/055. "Phase III, Open-label, Multi-Center, Randomized Study Comparing 177Lu-PSMA-617 vs. a Change of androgen receptor-directed therapy in the Treatment of Taxane Naive Men with Progressive Metastatic Castrate Resistant Prostate Cancer". PI: JAVIER PUENTE VAZQUEZ. Funding Organisation: NOVARTIS.

ECL. 21/054. "An International Prospective Open-label, Randomized, Phase III Study Comparing Androgen Deprivation Therapy and Novel Androgen Axis Drugs Alone or With 177Lu-PSMA-617 in Men with Metastatic Hormone Sensitive Prostate Cancer (mHSPC)". PI: JAVIER PUENTE VAZQUEZ. Funding Organisation: NOVARTIS.

21/457-E. E2-RADIATE-OLIGOCARE: A pragmatic observational cohort study to evaluate radical radiotherapy for oligo-metastatic cancer patients. PI: GABRIEL RODRIGUEZ MARTÍN. Funding Organisation: EORTC: EUROPEAN ORGANISATION FOR RESEARCH AND TREATMENT OF CANCER.

EVC.M01AEA. COOPERACIÓN PARA LA FORMACIÓN COMPLEMENTARIA DE BECARIO PROCEDENTE DEL ORGANISMO INTERNACIONAL DE LA ENERGIA ATÓMICA EN TAREAS DE RADIOFÍSICA Y PROTECCIÓN RADIOLÓGICA. PI: ELISEO VAÑO CARRUANA. Funding Organisation: INTERNATIONAL ATOMIC ENERGY AGENCY.

EVC.M01AEA. COOPERACIÓN PARA LA FORMACIÓN COMPLEMENTARIA DE BECARIO PROCEDENTE DEL ORGANISMO INTERNACIONAL DE LA ENERGIA ATÓMICA EN TAREAS DE RADIOFÍSICA Y PROTECCIÓN RADIOLÓGICA. PI: ROBERTO MARIANO SÁNCHEZ CASANUEVA. Funding Organisation: INTERNATIONAL ATOMIC ENERGY AGENCY.

20/316-E.COVID. Radioterapia a dosis bajas en el manejo de la neumonía por COVID-19. PI: MANUEL GONZALO VÁZQUEZ MASEDO.

OGS.15 Aging

COMPETITIVE FUNDING

CONV17/065. Prestación servicios apoyo en el marco de EECC promovido por FIB Getafe. Protocolo 20131208. PI: PEDRO GIL GREGORIO. Funding Organisation: FUNDACION DE INVESTIGACIÓN BIOMÉDICA DEL HOSPITAL DE GETAFE.

ECL.06/061. FUNCION DE DARP-32 EN CÉLULAS ENTEROENDOCRINAS. NUEVOS MARCADORES TUMORALES. PI: PEDRO GIL GREGORIO.

ECL.06/079. MODIFICACIÓN DEL PATRÓN DE ACTIVIDAD NEUROFISIOLÓGICA ESPONTÁNEA ASOCIADO AL TRATAMIENTO CON INHIBIDORES DE LA ACETILCOLINESTERASA: PREDICCIÓN DE LA RESPUESTA TERAPÉUTICA EN ENFERMOS DE ALZHEIMER MEDIANTE UN ESTUDIO PHARMACO-MEG. PI: PEDRO GIL GREGORIO; ALBERTO FERNÁNDEZ LUCAS.

ECL.10/114. EVALUACIÓN CLÍNICA DE UNA DIETA ESPECÍFICA PARA PERSONAS CON DEMENCIA. PI: PEDRO GIL GREGORIO.

ECL.11/267. ESTUDIO FASE III, MULTICENTRICO, DOBLE CIEGO, RANDOMIZADO, DE GRUPOS PARALELOS Y CONTROLADO CON PLACEBO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE MASTINIB EN PACIENTES CON ENFERMEDAD DE ALZHEIMER DE LEVE A MODERADA. PI: PEDRO GIL GREGORIO.

MLN.M02MAP. "Registro multicéntrico de ancianos atendidos por caída en servicios de urgencias españoles". PI: MONTERRAT LÁZARO DEL NOGAL.

PGG.F01GRU. ACTIVIDAD FORMATIVA-DOCENTE Y DE INVESTIGACION EN EL AREA DEL DETERIORO COGNITIVO DE PERSONAS MAYORES, SO-

BRE TODO, DEMENCIAS Y OTRO SINDROMES ASOCIADOS. PI: PEDRO GIL GREGORIO. Funding Organisation: GRÜNENTHAL PHARMA SA.

PGG.F01OGS.15. Donaciones para el Grupo de Investigación en Envejecimiento. PI: PEDRO GIL GREGORIO. Funding Organisation: VIAJES PAFICOF S.A.

PGG.F01ROVI. Donación para el Grupo de Investigación Otros Grandes Sistemas. PI: PEDRO GIL GREGORIO. Funding Organisation: LABORATORIOS FARMACEUTICOS ROVI S.A.

PGG.F01VIF. Donación para la realización del proyecto "Frail Heart Failure Unit". PI: PEDRO GIL GREGORIO. Funding Organisation: VIFOR PHARMA ESPAÑA S.L.

NON COMPETITIVE FUNDING

ECL.13/448. ENSAYO CLINICO PILOTO PARA EVALUAR LA EFICACIA Y SEGURIDAD DE LA ESTIMULACIÓN CEREBRAL PROFUNDA EN ENFERMEDAD DE ALZHEIMER. PI: MARÍA AURORA VILORIA JIMÉNEZ.

PGG.F01BAY. DONACION PARA INVESTIGACION. PI: PEDRO GIL GREGORIO. Funding Organisation: BAYER HISPANIA, S.L.U.

PGG.F01PFI. DONACION PARA INVESTIGACION. PI: PEDRO GIL GREGORIO. Funding Organisation: PFIZER, S.L.U.

OGS.17 Biomedical Imaging Research

COMPETITIVE FUNDING

IMA.P01.UTS.20. Programa de asignación interna de recursos 2020 COVID refuerzo de UTS-IDISSC: Herramienta de apoyo a la estratificación de pacientes COVID19 basado en IA. PI: JUAN LORENZO ARRAZOLA GARCÍA.

NON COMPETITIVE FUNDING

ECL.06/269. ESTUDIO DEL CARTILAGO DE REICHERT EN HUMANOS. VARIACIONES E INCIDENCIA CLINICA. PI: JOSÉ FRANCISCO RODRÍGUEZ VÁZQUEZ.

ECL.06/299. MODELO DE DESARROLLO DEL SEGUNDO ARCO BRANQUIAL EN EL HOMBRE. BASES EMBRIONARIAS DEL MECANISMO DE PRODUCCIÓN DEL SINDROME DE EAGLE Y NEUROPATIAS DEL NERVO GLOsofaríngeo. PI: JOSÉ FRANCISCO RODRÍGUEZ VÁZQUEZ.

ECL.08/374. ESTUDIOS DESCRIPTIVOS CON MATERIAL EMBRIOLOGICO Y FETAL. PI: JOSÉ FRANCISCO RODRÍGUEZ VÁZQUEZ.

ECL.RADIOL. PROGRAMA DE APOYO DEL SERVICIO DE RADIOLOGIA. PI: JUAN LORENZO ARRAZOLA GARCÍA.

JAR.F01GUE. DONACION PARA LA REALIZACION DE ACTIVIDADES DE INVESTIGACIÓN Y FORMACIÓN. PI: JUAN LORENZO ARRAZOLA GARCÍA. Funding Organisation: LABORATORIOS FARMACEUTICOS GUERBET S.A.

JAR.M01FUN. Prestación de servicios de diseño, evaluación, informe e inclusión en el registro y mantenimiento de la base de datos de forma extraordinaria. PI: JUAN LORENZO ARRAZOLA GARCÍA.

JAR.M01UCM. Prestación de servicio desarrollo del proyecto "Análisis 3D de materiales naturales deformados por actividad sísmica". PI: JUAN LORENZO ARRAZOLA GARCÍA. Funding Organisation: UNIVERSIDAD COMPLUTENSE DE MADRID.

JAR.M01UTS. Unidad Laboratorios y gabinetes de los Servicio Clínicos y de exploración e imagen médica: Servicios de Radiodiagnóstico. PI: JUAN LORENZO ARRAZOLA GARCÍA.

ECL.RXABDO. PROGRAMA DE APOYO DEL SERVICIO DE RAYOS Y ABDOMEN. PI: RAMIRO MÉNDEZ FERNÁNDEZ; RICARDO RODRÍGUEZ GONZÁLEZ.

OGS.18 Health Care Research

COMPETITIVE FUNDING

FIS.160717. EVALUACIÓN E IMPACTO EN RESULTADOS DE SALUD Y ECONÓMICOS DE UNA UNIDAD DE ENFERMERÍA DE ENLACE HOSPITALARIO. PI: ENCARNACION FERNANDEZ DEL PALACIO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FIS.160717. EVALUACIÓN E IMPACTO EN RESULTADOS DE SALUD Y ECONÓMICOS DE UNA UNIDAD DE ENFERMERÍA DE ENLACE HOSPITALARIO. PI: ISMAEL ORTUÑO SORIANO. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

GPM.CFM.21. EFECTOS DEL ENTRENAMIENTO DE LA MUSCULATURA RESPIRATORIA EN LA CALIDAD DE VIDA, FUNCIÓN FÍSICA, PULMONAR Y ESTADO PSICOLÓGICO EN PACIENTES QUE HAN SUPERADO LA COVID-19. PI: GUSTAVO PLAZA MANZANO. Funding Organisation: COLEGIO PROFESIONAL DE FISIOTERAPEUTAS DE LA COMUNIDAD DE MADRID.

NON COMPETITIVE FUNDING

ECL.08/382. ESTUDIO ABIERTO NO COMPARATIVO MULTINACIONAL, POSTERIOR A LA COMERCIALIZACIÓN PARA VERIFICAR LA EXPERIENCIA PRÁCTICA CON SENSURA, CON ESPECIAL ATENCIÓN AL ESTADO DE LA PIEL Y LA CALIDAD DE VIDA. PI: M^a ROSARIO CAPARRÓS SANZ.

19/431-E. "Nursing Care Bundle: Impacto en la mejora de la experiencia del paciente en los hospitales de CardioRed 1". PI: M^a Dolores Gómez Barriga. Funding Organisation: Fundación Interhospitalaria para la Investigación Cardiovascular.

OGS.19 Epidemiology and Health Services

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: CRISTINA FERNÁNDEZ PÉREZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

DEP2016-78559-R. Desarrollo metodológico basado en el uso de receptores androgénicos para la detección del consumo de esteroides en el ámbito de la práctica deportiva. PI: PILAR MARTIN ESCUDERO. Funding Organisation: MINECO.

NON COMPETITIVE FUNDING

ECL.16/128. EFICACIA, SEGURIDAD E INMUNOGENICIDAD DE LA VACUNA HZ/su DE GSK BIOLOGICALS GSK1437173A EN UN ESTUDIO FASE IIIB, ABIERTO, DE SEGUIMIENTO A LARGO PLAZO (ZOE-LTFU) DE LOS ESTUDIOS I10390/I13077 (ZOSTER-006/022) Y EVALUACIÓN DE DOSIS ADICIONALES EN ADULTOS D. PI: M^a COVADONGA CASO PITA.

ECL. 16/078. ESTUDIO DE VACUNACIÓN CRUZADA CON LA FORMULACIÓN LIOFILIZADA DE LA VACUNA DE SUBUNIDADES FRENTE AL HERPES ZOSTER (hz/su) EN SUJS. QUE RECIBIERON PLACEBO EN LOS ESTUDIOS ZOSTER 006-022. PI: M^a COVADONGA CASO PITA.

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 Biologica. PI: M^a COVADONGA CASO PITA.

ECL.2018/143. VACUNACIÓN ADYUVADA FRENTE A HEPATITIS B EN TRABAJADORES DEL SNS TIPIFICADOS COMO NO RESPONDEDORES A VACUNA CONVENCIONAL. PI: M^a COVADONGA CASO PITA.

OGS.23 The Digestive System

NON COMPETITIVE FUNDING

CTS.C01ABB. Convenio de colaboración para pacientes en tratamiento con terapias biológicas mediante el diseño de una plataforma digital para identificar como impactan éstas en la adherencia al tratamiento y en la calidad asistencial percibida por los pacientes, con el. PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: ABBVIE SPAIN, S.L.U.

CTS.C10MSD. Contrato de colaboración para la financiación de apoyo de personal para actividades de investigación en la Unidad de Enfermedad Inflamatoria Intestinal. PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

CTS.C11MSD. Apoyo de personal para actividades del Grupo de Aparato Digestivo del IdISSC sobre enfermedad inflamatoria intestinal del IdISSC. PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

CTS.F01ABB. Donación para actividad consistente en fomentar la formación dentro de la Unidad de Enfermedad Inflamatoria Intestinal. PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: ABBOTT LABORATORIES S.A.

CTS.M01ABB. Patrocinio Jornada divulgativa Enfermedad Inflamatoria Intestinal 30 de enero de 2019. PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: ABBVIE SPAIN, S.L.U.

CTS.M01MSD. Apoyo al desarrollo del estudio "EFECTIVIDAD Y SEGURIDAD DEL TRATAMIENTO CON GOLIMUMAB EN PACIENTES CON COLITIS ULCEROSA". PI: CARLOS TAXONERA SAMSÓ. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

ECL.12/053. ESTUDIO MULTICENTRICO ABIERTO DE CP-690.550 EN PACIENTES CON COLITIS ULCEROSA ENTRE MODERADA E INTENSA. PI: CARLOS TAXONERA SAMSÓ.

ECL.13/002. ESTUDIO DEL REFLEJO GASTROCOLICO; INFLUENCIA DE PRUCALOPRIDE. PI: ENRIQUE REY DÍAZ-RUBIO.

ECL.18/451. Resultados de vedolizumab y anti-TNFs en pacientes con colitis ulcerosa y enfermedad de Crohn tratados en la práctica clínica real (EVOLVE) – IBERIA. PI: CARLOS TAXONERA SAMSÓ.

ECL.2017/055. Estudios combinados de fase IIb/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 colitis ulcerosa de actividad moderada a in. PI: CARLOS TAXONERA SAMSÓ.

ECL.2017/056. Estudio de extensión a largo plazo para evaluar la seguridad de filgotinib en pacientes con colitis ulcerosa. PI: CARLOS TAXONERA SAMSÓ.

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 int. PI: CARLOS TAXONERA SAMSÓ.

ECL.2017/058. Estudio de extensión a largo plazo para evaluar la seguridad de filgotinib en pacientes con la enfermedad de Crohn. PI: CARLOS TAXONERA SAMSÓ.

ECL.2017/069. FLUTicasona en la esofagitis eosinofílica (FLUTE): estudio de mantenimiento, aleatorizado, doble ciego, controlado con placebo y de búsqueda de dosis de APT-1011 en sujetos con esofagitis eosinofílica. PI: JULIO ANTONIO PÉREZ DE LA SERNA BUENO.

ECL.2017/070. Estudio de fase 3b, aleatorizado, controlado y multicéntrico con maltol férrico oral (Feracru) o hierro intravenoso (carboximalto férrica, CMF), para el tratamiento de la anemia ferropénica en sujetos con enfermedad inflamatoria intestinal (EII). PI: CARLOS TAXONERA SAMSÓ.

ECL.DIGESTIVO. PROGRAMA DE APOYO DEL SERVICIO DE APARATO DIGESTIVO. PI: ENRIQUE REY DÍAZ-RUBIO.

ERD.F02NGN. DONACIÓN PARA LA REALIZACIÓN DE TRABAJOS ADMINISTRATIVOS EN BASE DE DATOS EN INVESTIGACIÓN SOBRE APARATO DIGESTIVO. PI: ENRIQUE REY DÍAZ-RUBIO. Funding Organisation: NORGINE DE ESPAÑA S.L.

ERD.F01ABB. DESARROLLO E IMPLANTACIÓN DE BBDD UNIDAD DE HIGADO. PI: ENRIQUE REY DÍAZ-RUBIO. Funding Organisation: ABBVIE SPAIN, S.L.U.

OGS.24 Hematology

COMPETITIVE FUNDING

EAM.YE120. Ayudas para la contratación de ayudantes de investigación y técnicos de laboratorio. PI: EDUARDO ANGUITA MANDLY. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

FIS.170604. ANEMIAS HEMOLÍTICAS. DIAGNÓSTICO MOLECULAR MEDIANTE SECUENCIACIÓN MASIVA (NGS). PI: PALOMA ROPERO GRADILLA. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

FMM.18PRG. DÉFICIT DE PIRUVATO KINASA (PKD). CORRELACIÓN GENOTÍPICA Y FENOTÍPICA Y EVOLUCIÓN DE LA ENFERMEDAD EN NIÑOS". PI: PALOMA ROPERO GRADILLA. Funding Organisation: FUNDACION DE INVESTIGACIÓN MEDICA MUTUA MADRILEÑA.

PIE16/00043. DISFUNCIÓN MICROCIRCULATORIA CORONARIA EN EL PACIENTE CON CARDIOPATÍA ISQUÉMICA ESTABLE: IMPACTO CLÍNICO A LARGO PLAZO Y RELACIÓN CON LA ENFERMEDAD CEREBRAL DE PEQUEÑO VASO Y LA DEPRESIÓN. PI: PETROS PAPADOPOULOS. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

PPP.TALENTO.16RRHH. RRHH Comunidad de Madrid "Atracción talento" Modalidad I. PI: PETROS PAPADOPOULOS. Funding Organisation: CONSEJERIA DE EDUCACIÓN, JUVENTUD Y DEPORTE.

PRG.FEHH.20. Becas de investigación de la FEHH - Jorge Martínez Nieto. PI: PALOMA ROPERO GRADILLA. Funding Organisation: FUNDACION ESPAÑOLA DE HEMATOLOGIA Y HEMOTERAPIA.

NON COMPETITIVE FUNDING

EAM.C03FHE. Colaboración económica para la realización del proyecto "Mitocondria envejecimiento y cáncer" Fase I. PI: EDUARDO ANGUITA MANDLY. Funding Organisation: FUNDACION HAY ESPERANZA.

EAM.F01ABB. Mitocondria envejecimiento y cáncer. PI: EDUARDO ANGUITA MANDLY. Funding Organisation: ABBVIE SPAIN, S.L.U.

EAM.F01INC. Donación para la ejecución del Proyecto: "Detección de mutaciones en el dominio ABL cinasas mediante secuenciación masiva profunda en pacientes LMC y LLA Ph positivos". PI: EDUARDO ANGUITA MANDLY. Funding Organisation: INCYTE BIOSCIENCES IBERIA S.L.

EAM.M02CEL. Estudio "El papel de las mitocondrias en el Mieloma Múltiple". El Estudio forma parte de la Fase I de un proyecto titulado "Mitocondria, envejecimiento y cáncer". PI: EDUARDO ANGUITA MANDLY. Funding Organisation: CELGENEINTERNATIONAL II SARL.

ECL.07/201. TRATAMIENTO DE RESCATE CON RITUXIMAB-CHOP SEGUIMIENTO DE ALEMTUZUMAB (R-CHOP-A) EN PACIENTES CON LEUCEMIA LINFÁTICA CRÓNICA REFRACTARIOS O RECAÍDOS TRAS TRATAMIENTO CON ANÁLOGOS DE LAS PURINAS. PI: RAFAEL BENIGNO MARTINEZ MARTINEZ.

ECL.12/191. ESTUDIO OBSERVACIONAL POST-AUTORIZACIÓN PARA EVALUAR LA RESPUESTA DE LA FUNCIÓN RENAL AL TRATAMIENTO DE PACIENTES CON MIELOMA MÚLTIPLE EN RECAÍDA Y CON ACLARAMIENTO DE CREATININA <50 ML/MIN/1.73M2 (CrCL<50ML/MIN/1.73M2) (ESTUDIO MIR50). PI: RAFAEL BENIGNO MARTINEZ MARTINEZ.

ECL.14/155. Estudio fase III nacional, multicéntrico, abierto, aleatorizado, de tratamiento de mantenimiento con Lenalidomida y dexametasona versus Lenalidomida, dexametasona y MLN9708 tras trasplante autólogo de progenitores hematopoyéticos para pacientes con mieloma. PI: RAFAEL BENIGNO MARTINEZ MARTINEZ.

PRG.F01MENA. CARACTERIZACIÓN MOLECULAR DE HEMOGLOBINOPATIAS ESTRUCTURALES QUE INTERFIEREN EN LA CUANTIFICACIÓN DE LA HEMOGLOBINA GLICOSILADA. PI: PALOMA ROPERO GRADILLA. Funding Organisation: MENARINI DIAGNOSTICOS, S.A.

PRG.M01ALEX. Prestación por la FUNDACIÓN de los servicios, consistentes en la realización del análisis de la determinación de la actividad Adams 13 de muestras de pacientes con microangiopatía trombótica que la FUNDACIÓN podrá recibir de aquellos hospitales espa. PI: PALOMA ROPERO GRADILLA.

PRG.F02HOR. DONACIÓN PARA EL PROYECTO "CARACTERIZACIÓN MOLECULAR DE HEMOGLOBINOPATIAS ESTRUCTURALES QUE INTERFIEREN EN LA CUANTIFICACIÓN DE LA HEMOGLOBINA GLICOSILADA" (código CEIC 16/568-E). PI: PALOMA ROPERO GRADILLA. Funding Organisation: HORIBA ABX IBERICA.

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: FRANCISCO JAVIER MARTÍN SÁNCHEZ. Funding Organisation: INSTITUTO DE SALUD CARLOS III.

NON COMPETITIVE FUNDING

ALF.M01MUT. Prestación de servicios para el estudio "Desarrollo de un algoritmo predictivo de edad biológica basado en hábitos de vida y biomarcadores genéticos y no genéticos". PI: FRANCISCO JAVIER MARTÍN

SÁNCHEZ. Funding Organisation: FUNDACIÓN MUTUALIDAD ABOGACÍA.

EAM.C03FHE. Colaboración económica para la realización del proyecto "Mitocondria envejecimiento y cáncer" Fase I. PI: FRANCISCO JAVIER CANDEL GONZÁLEZ. Funding Organisation: FUNDACION HAY ESPERANZA.

EAM.M02CEL. Estudio "El papel de las mitocondrias en el Mieloma Múltiple". El Estudio forma parte de la Fase I de un proyecto titulado "Mitocondria, envejecimiento y cáncer". PI: FRANCISCO JAVIER CANDEL GONZÁLEZ. Funding Organisation: CELGENEINTERNATIONAL II SARL.

ECL.11/013. ESTUDIO HERMES: (HOSPITAL EMERGENCY DEPARTMENT MANAGEMENT STRATEGIES OF ATRIAL FIBRILLATION): DECISIONES DE MANEJO DE LA FIBRILACION AURICULAR EN LOS SERVICIOS DE URGENCIAS EN ESPAÑA. PI: JUAN MARÍA GONZÁLEZ DEL CASTILLO.

ECL.15/085. Estudio multicéntrico, prospectivo, aleatorizado, abierto para evaluar el efecto de serelaxina comparado con el tratamiento de referencia en pacientes con insuficiencia cardíaca aguda (ICA). PI: FRANCISCO JAVIER MARTÍN SÁNCHEZ.

ECL.2017/022. Ensayo clínico fase IIIb, aleatorizado, abierto, para evaluar el alivio del dolor con metoxiflurano inhalado, en comparación con el protocolo actual para el tratamiento del dolor de origen traumático en adultos atendidos en unidades de urgencia españolas. PI: CESÁREO FERNÁNDEZ ALONSO.

FCG.C01MSD. Financiación de la publicación del Proyecto "Actividad in vitro de Imipenem-Relebactam frente a bacilos gramnegativos multirresistentes en el ámbito nosocomial". PI: FRANCISCO JAVIER CANDEL GONZÁLEZ. Funding Organisation: MERCK, SHARP & DOME DE ESPAÑA, S.A.

JGC.C01MUN. Colaboración en el XV Curso de Actualidad en Urgencias - Hospital Clínico San Carlos", que tendrá lugar en Madrid los días 23 a 29 de mayo de 2019. PI: JUAN MARÍA GONZÁLEZ DEL CASTILLO. Funding Organisation: MUNDIPHARMA PHARMACEUTICALS S.L.

JGC.M01ROC. PATROCINIO XV CURSO DE ACTUALIDAD EN URGENCIAS DEL 23 AL 29 DE MAYO DE 2019. PI: JUAN MARÍA GONZÁLEZ DEL CASTILLO. Funding Organisation: ROCHE DIAGNOSTICS S.L.

JGC.M11CURSO. XVI Curso de Actualización en Urgencias del IdISSC del 20 al 27 de mayo de 2021. PI: JUAN MARÍA GONZÁLEZ DEL CASTILLO.

MAF.F01IZASA. DESARROLLO DE UNA UNIDAD DE PROTEOMICA, METABOLOMICA Y FARMACOCINETICA. PI: MARIA DE LOS ANGELES CUADRADO CENZUAL. Funding Organisation: WERFEN ESPAÑA, S.A.U.

ACC.M01THE. Organización de la Jornada de Biomarcadores del Hospital Clínico San Carlos. PI: MARIA DE LOS ANGELES CUADRADO CENZUAL.

OGS.30 AFUSAN

PID2019-103872RB-I00. Biopolymer-based emulsions with controlled lipid digestibility for development of functional meat products as a strategy to manage Type 3 Diabetes mellitus (POLIMEATSI). PI: Proyecto del Ministerio de Ciencia Innovación y Universidades.

OGS.32 Ciencias Forenses: genética y toxicología forense

HAR2015-67323-C2-2-P. Estudio antropogenético de la transición neolítica en el Mediterráneo Noroccidental. PI: Eduardo Arroyo Pardo. Funding Organisation: Ministerio de Economía y Competitividad.

OGS.33 Chronobiological Molecular Mechanisms

COMPETITIVE FUNDING

PR87/19-22548. "Abordaje de sensores de nutrientes (PASK/AMPK) para controlar la obesidad. Implicaciones del tejido adiposo y los genes del reloj". PI: Juliana Pérez de Miguelanz; María del Pilar Cano Barquilla; Vanesa Jiménez Ortega; María del Pilar Fernández Mateos. Funding Organisation: Universidad Complutense de Madrid.

GR29/20. AYUDAS A GRUPOS DE INVESTIGACIÓN UCM-SANTANDER: 911308 MECANISMOS MOLECULARES CRONOBIOLOGICOS. PI: María del Pilar Cano Barquilla; Vanesa Jiménez Ortega; Ana Isabel esquifino Parras; María del Pilar Fernández Mateos; Juliana Pérez de Miguelanz. Funding Organisation: Universidad Complutense de Madrid.

OGS.34 Nuclear Physics Techniques and Instrumentation in Biomedicine

COMPETITIVE FUNDING

COI-20201153. ULTRACOV. PI: Ecografo orientado a la detección temprana y el seguimiento de la enfermedad COVID-19. Funding Organisation: CDTI.

DTS19/00059. SUMIM. PI: SISTEMA ULTRASÓNICO MULTIMODAL PARA IMAGEN DE MAMA. Funding Organisation: ISCIII - Fondo de Investigaciones Sanitarias (FIS).

RTI2018-095800-A-I00. IM3. PI: DESARROLLO DE TECNICAS DE IMAGEN MOLECULAR MULTITRAZADOR MULTIMODAL. Funding Organisation: MICINN.

Scientific production

Source of information: Web of Science (WoS) Core Collection.

Time frame: 2020 and 2016-2020.

Aggregation level: IdISSC and scientific areas formed by the actual research groups.

Scientific production analysis:

N° of papers WoS: This indicator includes all the scientific production of the IdISSC indexed in the WoS.

N° 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. Types of OA: Gold OA and non Gold OA.

Impact analysis

Most cited papers: This analysis includes the top 10 most cited papers of the IdISSC scientific production between 2016-2020. 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.

H index: This indicator measure at least h papers that have each been cited at least h times.

Cites by year: This indicators counts the cites of the IdISSC scientific production each year and between 2016 and 2020 period.

Visibility analysis

Scientific production by quartile: The data are based on 2019 JCR and the aggregation level its by IdISSC and scientific área.

Scientific production by first decile: These types of journals are among the first 10% of the JCR. In this case the reference JCR is that of 2019.

Top journals: This analysis includes the Top 10 and Top 25 of scientific journals in which ours researchers most publish during 2020 and the aggregation level its by IdISSC and scientific area. In this case the indicators included are n° of papers (WoS), n° of citable items, times cited, quartil 2020 and WoS category position, Article Influence Score, Journal Citation Indicator and Impact factor whitout self citations.

Scientific Collaboration

Aggregation level: By country and by center

Software: VOSviewer developed by the CWTS of the University of Leiden.



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