



XUNTA
DE GALICIA



UNIÓN EUROPEA

M

CiMUS

Centro Singular de Investigación
en **Medicina Molecular** e
Enfermedades Crónicas

Scientific Report
2018

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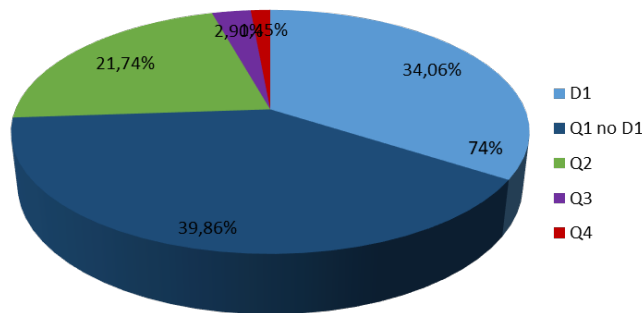
Executive Summary

ACCOMPLISHED GOALS OF THE STRATEGIC PLAN (EXECUTIVE SUMMARY 2018)

Knowledge generation

This section continues to be one of the most robust indicators in terms of the excellence of the work carried out in the centre. The available data indicate that CiMUS has published **138** scientific articles during 2018 of which more than 95% are Q1/Q2. These articles have an **average IF of 5,726** and an **accumulated IF of 790,112**.

Publications 2018

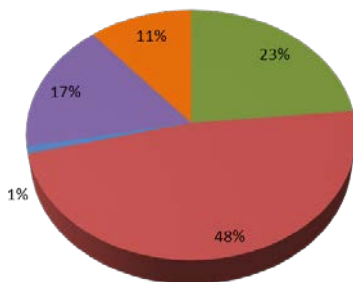


Fundraising

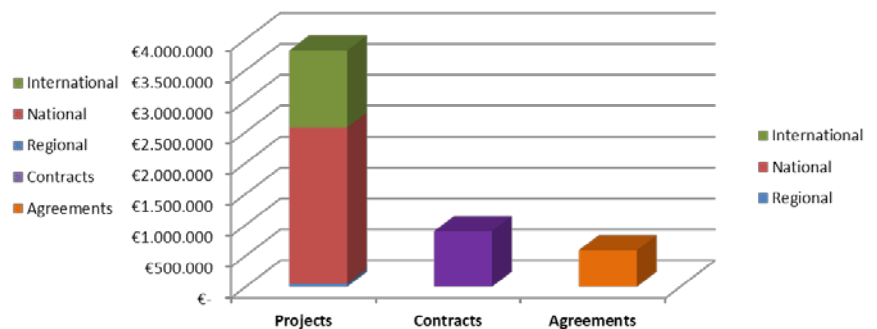
During 2018, it has been secured a total financing of 5.301.000,36€. Part of them (3.815.460,54€, representing 71,98%) have been obtained through competitive projects, comprising 5 international, 13 national and 3 of regional scope.

On the other hand, CiMUS has managed to attract 1.485.539,82€ through contracts with companies, agreements and services.

New funding 2018



New Funding 2018



Human resources

Regarding this chapter, the Centre is making a great effort for recruitment at all levels, from pre-doctoral to senior researchers.

➤ Maintenance and reinforcement of the personnel assigned to the general platforms and structures of the Centre

During 2018, not only we have managed to maintain all the personnel previously assigned to these platforms, but also we have managed to recruit a new technician involved in the management of the center. This has allowed us to improve the management of the platforms, as well as reinforcing the management structure.

➤ Talent recruitment and retention

This is a section in which the Centre has made a great commitment of its own funds. The actions have been at four levels:

- **Undergraduates:**
 - ✓ **"SUMMER SCHOOL":** In 2018 we launched the 2nd edition of our summer fellowship addressed to the best pregraduate students to join one of our groups for one month. In this call 8 participants were selected.
 - ✓ **"Collaboration fellowships" from MEC:** During part of 2018 we had 2 "Collaboration Fellows" from the MEC program at CiMUS.
 - ✓ **External training degree:** 18 students from the Biology and Pharmacy faculties developed this part of their curricula with us.
 - ✓ **Bachelor Thesis:** 28 students from the Life Science degrees have joined groups in the Centre to carry out their projects here.
- **Predoctoral students:** At this level, the Centre has reached several remarkable milestones:
 - ✓ **"Initiation-to-Research contracts" Programme:** During 2018, the CiMUS launched the 2nd call for the "Starting Research Contracts" aimed to the best Master students to cover the first year as PhD Students until they could get competitive fellowships. In this call 6 fellows were selected.
 - ✓ One of the groups in the centre, has obtained one of contracts by the PRINCIPIA programme of GAIN, which co-finances a pre-doctoral research contract for 12 months.

- ✓ **Predoctoral fellowships of Xunta de Galicia:** CIMUS has attained 10 pre-doctoral contracts in the last call from Xunta.
- ✓ **Master theses:** 10 Master students were enrolled in CiMUS research groups.
- ✓ **PhD theses:** In 2018, 36 new PhD students have started their theses and 19 fellows defended their PhD Theses getting their doctoral degrees.
- **Postdoctorals:** In 2018 we published the results of the 3rd call Campus Vida Research Centers Network International Postdoctoral Programme. In this edition, CiMUS selected 2 postdoctoral candidates to join our center, as postdoctoral researchers: **Edward Milbank** to join the NeurObesity group and **Fernando Torres Andón** to join María José Alonso's Lab. In the last case the candidate gave up our offer because he got the AECC postdoctoral grant. In addition, another Postdoctoral AECC grantee joined CiMUS this year, Mónica Martínez Fernández.
A Marie Skłodowska-Curie Fellow, Iria Gómez Touriño, joined the Biofarma group. Also, three postdoctoral researchers were awarded a Postdoc Contract from Xunta de Galicia: **Patricia Seoane, Begoña Porteiro, M^a Alicia Costa Besada**
Also 2 Juan de La Cierva fellows were selected to join CiMUS, but their incorporation is pending due to delays in the final resolution.
- **New Researcher:** During 2018, we have added a new group to CiMUS. This emergent group is led by a young researcher who is a Ramon y Cajal fellow as well as ERC Starting grant holder:
 - ✓ **Genomes and Disease** PI Jose MC Tubio

This group has been provided with support with the Centre in the form of an economic reinforcement as proposed by the CiMUS Governing Committee.

Technology transfer

In this section we would like to highlight the following aspects: we have maintained a high level of activity both in contracts with companies and in agreements with different public agencies and government contractors. Reaching around 25% of total income. Other important highlights in 2018 were:

- **Networks, platforms and new initiatives:**
 - ✓ **REDEFAR.** Red de excelencia del MINECO.
 - ✓ **EU-OPENSREEN-ERIC.** A european platform for drug discovery.
 - ✓ **BIOINCUBA TECH.** INCYDE Foundation

✓ 4 Projects from the call "RETOS-COLABORACIÓN"-MINECO

- Also, the Joint Units "**Esteve-Biofarma**" Unit and **CiMUS-SunRock Biopharma** , keep going their successful activit.
- Finally , a novel initiative was launched by CIMUS researchers (M.Loza/ A.Carracedo) called the **Kærtor Foundation** (<http://kaertorfoundation.org/>) . With this initiative it was launched a drug discovery open call termed I2D2 in alliance with Janseen Pharmaceuticals and the -Xunta de Galicia. (<http://kaertorfoundation.org/la-fundacion-kaertor-activa-con-la-xunta-de-galicia-y-janssen-la-primera-incubadora-de-nuevos-farmacos-en-espana/>) wich started in 2017 being the proejects selected/started in 2018.
- **Patents:** In 2017, CiMUS researchers have applied to 2 new patents, 3 patents with previous applications have been granted and 4 international extensions of former patents have been submitted. Also, a patent was licensed and the trade secrecy was conceded.

Science communication and training

The CiMUS have hosted in 2018 56 lectures, where half of them were international speakers. Our new conference program, CiMUS Seminar (13 guest speakers), and Frontiers in Science (2 top guest speakers) are part of these talks. The most remarkable one was the **Nobel Prize Inspiration Initiative** that brought with the collaboration of Astra-Zeneca Foundation, the Nobel Prize in Physiology 2014 **May Britt Moser** who inspired our researchers with the talk: "*How to be a creative scientist*"

I CiMUS Annual Workshop

In 2018 we organized our I annual Workshop with the participation of the entire center. There we hold several oral presentations, posters and a lecture from our keynote speaker **Isabel Fariñas**

The CIMUS as an open research center.

- **Institutional visits.**

We were privileged to have CSIC's president, Rosa M^a Menéndez López at the CiMUS, as part of her assintance at the Governing Committee Meeting hold in July 2018.

The CiMUS received the visit of the First Minister of Wales, as part of her visit to Galicia in July 2018.

In diferent moments of the year, the CiMUS was visited by Román Rodríguez González, former *Conselleiro de Education, Universidades y Cultura* and present *Conselleira de Education, Universidades y Formación Profesional* , Camen Pomar.

CiMUS visit for local government: The Mayor of Santiago de Compostela visited the 3 Singular Research Centers and CEBEGA at the end of July of 2018.

- **Visits by pregraduate students and general public and other activities**

The Centre opens its doors to students, schools and the general public and carries out important scientific dissemination activities.

We have received the visit of 177 students from different centers: IES Xelmirez II (Santiago de Compostela), IES Auga da Laxe (Gondomar) Colexio San José de Cluny (Santiago de Compostela), IES Fontexeria (Muros), IES Eduardo Pondal (Santiago de Compostela), IES Eduardo Pondal (Santiago de Compostela), Colexio Santa Apolonia (Santiago de Compostela). The last one is an institute with a more oriented technology

OPEN DOORS DAY-10/11/2018 This year the The Campus Vida Research Centers Network celebrate the second edition where we open our doors to the society to show them whom we are, in what we work. And for second year in a row it was a total success. Over 185 people visit the CiMUS, children and adults. This event was sponsored by Consellería de Educación, Xunta de Galicia.

Feira de Innovación USC-ABANCA: CiMUS participated in this joint initiative between USC and Abanca, addressed to high-school students, undergraduates and recently graduates. During two days, several CiMUS researchers from different levels (PIs, Postdoctoral, etc) presented talks, workshops and showcase their science.

Scientific Report 2018

1. CENTER

a. GROUPS AND AREAS

In 2018, a new group was incorporated as full member. This group is an “emergent group” and the PI is an ERC grant holder:

- **Genomes and Disease:** PI: Jose MC Tubio

With these incorporations the groups and areas are as follows:

CANCER	
Anxo Vidal Figueroa	Cell Cycle and Oncology http://www.usc.es/cimus/en/research/research-groups/cell-cycle-and-oncology-group-ciclon
Román Pérez Fernández	Endocrine Oncology http://www.usc.es/cimus/en/research/research-groups/endocrine-oncology
José Antonio Costoya Puente	Molecular Oncology (MOL) http://www.usc.es/cimus/en/research/research-groups/molecular-oncology-laboratory
Celia M^a Pombo Ramos	Cell Signalling and Stress http://www.usc.es/cimus/en/research/research-groups/cellular-signalling-and-stress
Rosa M^a Señarís Rodríguez	Neuroendocrinology http://www.usc.es/cimus/en/research/research-groups/neuroendocrinology-energy-homeostasis-metabolism-and-cancer
Carmen Rivas Vázquez	Virus and Cancer http://www.usc.es/cimus/en/research/research-groups/virus-and-cancer
Miguel González Blanco	DNA Repair and Genome Integrity Lab http://www.usc.es/cimus/en/research/research-groups/dna-repair-and-genome-integrity
Miguel Fidalgo	Stem Cells & Human Diseases https://www.usc.es/cimus/en/research/research-groups/stem-cells-human-diseases
ENDOCRINOLOGY AND NUTRITION	
Carlos Diéguez González	Functional Obesomic http://www.usc.es/cimus/en/research/research-groups/functional-obesomics
Miguel A. López Pérez	NeurObesity http://www.usc.es/cimus/en/research/research-groups/neuroobesity
José Joaquín Lado Abeal* *(On leave to be reincorporated in 2019)	Thyroid and Metabolic Disease Unit (UETeM) http://www.usc.es/cimus/en/research/research-groups/thyroid-and-metabolic-diseases-unit
M^a Carmen García García	Cytokines and Obesity http://www.usc.es/cimus/en/research/research-groups/cytokines-and-obesity
Clara Álvarez Villamarín	Neoplasia and Endocrine Differentiation http://www.usc.es/cimus/en/research/research-groups/neoplasia-and-differentiation-endocrine-cells
Rubén Nogueiras	Molecular Metabolism



	http://www.usc.es/cimus/en/research/research-groups/molecular-metabolism
Sualy Tovar	Diabetesity https://www.usc.es/cimus/en/research/research-groups/diabetesity
NEUROSCIENCE	
José Luis Labandeira García, M^a Josefa Guerra Seijas, Jannette Rodríguez Pallarés	Parkinson Disease http://www.usc.es/cimus/en/research/research-groups/cell-and-molecular-neurobiology-parkinsons-disease
Francisco González García	Visual Science http://www.usc.es/cimus/en/research/research-groups/neuroscience-and-physiology-visual-system
M^a Ángeles Castro Pérez	Molecular Pharmacology of G protein-coupled receptors http://www.usc.es/cimus/en/research/research-groups/molecular-pharmacology-g-protein-coupled-receptors
Jesús Rodríguez Requena	Molecular Neuropathology http://www.usc.es/cimus/en/research/research-groups/brain-protein-malfunction
CARDIOVASCULAR	
J. R. González Juanatey	Cardiovascular Area http://www.usc.es/cimus/en/research/research-groups/cardiovascular-area
Ángel García Alonso	Platelet Proteomic http://www.usc.es/cimus/en/research/research-groups/platelet-proteomics
Juan Zalvide Torrente	Vascular Biology http://www.usc.es/cimus/en/research/research-groups/laboratory-vascular-biology
Dolores Viña	Cardiovascular Pharmacology http://www.usc.es/cimus/en/research/research-groups/pharmacology-chronic-diseases
DRUGS DEVELOPMENT	
M^a Isabel Loza García	Biofarma http://www.usc.es/cimus/en/research/research-groups/pharmacology-applied-drug-discovery
NANOMEDICINE AND NANOCARRIERS	
M. José Alonso Fernández	Nanobiopharmaceuticals http://www.usc.es/cimus/en/research/research-groups/nanobiofar-cimus-nanomedicine-and-drug-delivery
Marcos García Fuentes	BIDD: Biomaterials & Drug Delivery https://www.usc.es/cimus/en/research/research-groups/bidd
Noemi Csaba	Natural Polymers and Biomimetics https://www.usc.es/cimus/en/research/research-groups/natural-polymers-and-biomimetics
GENETICS AND FUNTIONAL GENOMICS	
Ángel Carracedo Álvarez	Genomic Medicine http://www.usc.es/cimus/en/research/research-groups/genomics-and-bioinformatics
Fernando Domínguez Puente	Oncology Research http://www.usc.es/cimus/en/research/research-groups/galician-oncological-research-group
Jose MC Tubio	Genomes and Disease https://www.usc.es/cimus/es/investigacion/grupos-de-investigacion/genomes-and-disease

b. New Talent

- **Postdoctoral:** In 2018 we published the results of the 3rd call Campus Vida Research Centers Network International Postdoctoral Programme. In this edition, CiMUS selected 2 postdoctoral candidates to join our center, as postdoctoral researchers: **Edward Milbank** to join the NeurObesity group and **Fernando Torres Andón** to join María José Alonso's Lab. In the last case the candidate gave up our offer because he got the AECC postdoctoral grant. In addition, another Postdoctoral AECC grantee joined CiMUS this year, **Mónica Martínez Fernández**.

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Also 2 Juan de La Cierva fellows were selected to join CiMUS, but they are not incorporated at the moment

- **Predoctoral:** In this category the CiMUS achieved some important milestones.
 - ✓ We launched the 2nd call for the "Starting Research Contracts" aimed to the best Master students to cover the first year as PhD Students until they could get competitive fellowships. In this call we incorporated 6 people.
 - ✓ In the FPI call from MINECO we incorporated 2 people.
 - ✓ In the Predoctoral Xunta fellowships 2018 we have been sucesful in this call since 10 of the fellowships joined the CIMUS
 - ✓ Also in the PRINCIPIA program from GAIN, we also obtained one of this co-financed contracts.
 - ✓ 36 PhD Students started their thesis project at the CiMUS in 2018 and 10 master students.
- **Pregraduate:** We offer several options to the pregraduate students:





- ✓ **"SUMMER SCHOOL"**: In 2018 we launched the 2nd edition of our summer fellowship addressed to the best pregraduate students to join one of our groups for one month. In this call we selected 8 participants.
- ✓ Collaboration fellowships from MEC: During part of 2018 we had 2 Collaboration Fellows from the MEC program at CiMUS.
- ✓ External students doing part of their practical training in the CiMUS: 18 students from the Biology and Pharmacy faculties developed this part of their curricula with us.
- ✓ Final degree project: 28 students from Life Science grades started developing their project at the CiMUS

HRS₄R



As part of the USC, the CiMUS participate in the HRS₄R strategy, a tool launched by the European Commission to support universities, research institutions and organizations that carry out their research under the scheme of The European Charter for Researchers and The Code of Conduct for the Recruitment of Researchers, which aim to contribute to the development of a European labor market attractive for researchers.

HR Award

The quality seal awarded by the European Commission "HR Excellence in Research" identifies universities and institutions that generate and support the existence of a stimulating and encouraging research environment.

c. NETWORKS/ALLIANCES

Diferent National and Regional networks are led by PIs from CiMUS:

- **Spanish Network of Drug Discovery**: Since 2015 the Biofarma group (PI Mabel Loza) is leading this national network with funding by Ministerio de

Economía y Competitividad, Redes de Excelencia program. Other PIs also integrated into this network are: Ángel Carracedo and Carlos Diéguez

- **CIBEROBN:** Carlos Diéguez (CiMUS Scientific Director and IP from Funtional Obesomics group) is the Scientific Director of this network.

<http://www.ciberobn.es/>

2 Groups from CiMUS are leading 2 autonomic networks:

- **REGID:** Galician Network of Rede Galega de Investigación e Desenvolvemento de Medicamentos-IP coordinator: Mabel Loza. <http://regid.cesga.es/>
- **RATGA:** Galician network of genetically modified animal. PI coordinator: Jose Antonio Costoya. <http://www.ratga.gal/>

Also, the CiMUS's groups/researchers are members of the following national and international networks:

- National:
 - **CIBERs:**
 - **CIBEROBN:** Carlos Diéguez, Miguel López; Rubén Nogueiras, María García and Sulay Tovar <http://www.ciberobn.es/>. Carlos Diéguez (CiMUS Scientific Director and PI from Funtional Obesomics group) is the Scientific Director of this network.
 - **CIBERER:** Ángel Carracedo <http://www.ciberer.es/index.php>
 - **CIBERNED:** Jose Luis Labandeira-García , MJ Guerra and Jannette Rodriguez <http://www.ciberned.es/>
 - **CIBERBBN:** María José Alonso <http://www.ciber-bbn.es/es>
 - **CIBERCV:** José Ramón González Juanatey: <http://www.cibercv.es/>
 - **RETICs**



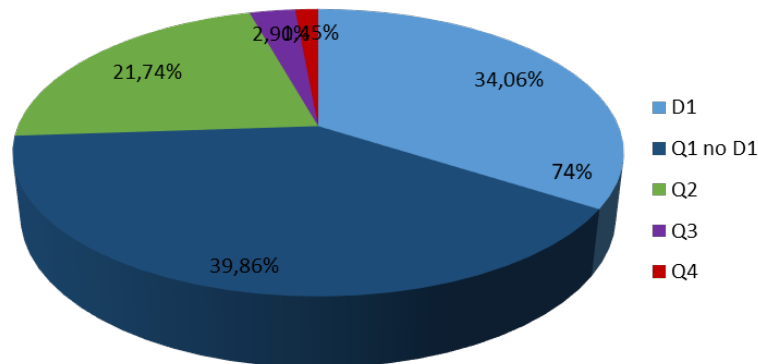
- **TERCEL:** José Luis Labandeira-García, Maria J. Guerra and Janette Rodriguez: <http://www.red-tercel.com/>
- **COMBIOMED:** M^aIsabel Loza <http://combiomed.isciii.es/>
- **OFTARED:** Francisco Gonzalez <http://www.oftared.com/>
- Other networks:
 - **METABOCANCER:** (Crosstalk between systemic and cellular metabolism in cancer) Rubén Nogueiras
 - **Math-in** (Math-Industry Spanish Network): Carmen Cadarso <http://www.math-in.net/>
 - **REMOA** (Spanish Advanced Optical Microscopy Network): Marian Castro
 - **ADIPOPLAST** (Red temática sobre plasticidad adiposa y sus patologías): Miguel López and David Araujo <http://adipoplast.org/>
- International:
 - **EUROFORGEN-NoE** (European Forensic Genetics Network of Excellence): Angel Carracedo <http://www.euroforgen.eu/>
 - **European Consortium of Lipodystrophies:** David Araujo <http://www.european-lipodystrophies.org/>
 - **GLISTEN** (GPCR-Ligand Interactions, Structures, and Transmembrane Signalling: a European Research Network- CMST COST Action CM1207): Marian Castro <http://www.glisten-gpcr.eu/>
 - **TRANSAUTOPHAGY:** (European Network for Multidisciplinary Research and Translation of Autophagy knowledge - COST Action CA15138): Miguel López <http://cost-transautophagy.eu/>

2. SCIENTIFIC OUTPUT

a. Papers

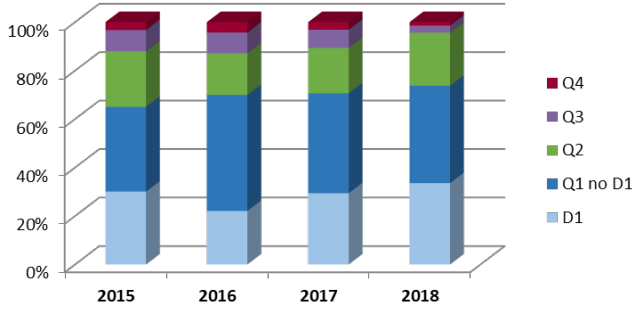
	2015	2016	2017	2018
Number	183	163	160	138
IF	939,923	847,488	813,008	790,112
Mean IF	5,136	5,231	5,081	5,726
Col- CiMUS	25	27	27	33
Col- Intern	66	73	73	54

Publications 2018

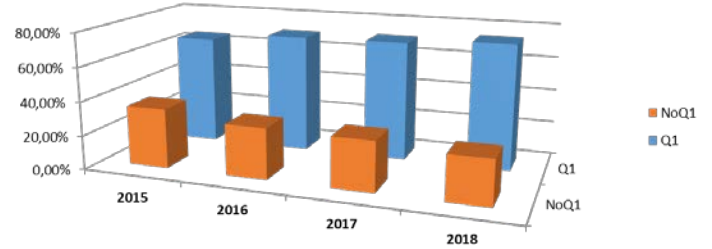




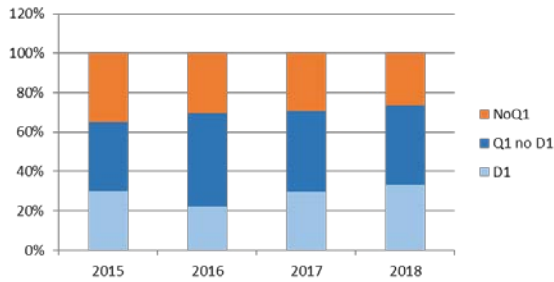
% Publications per quartile



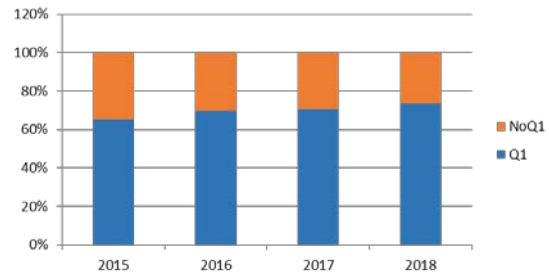
% Publications per quartile



% Publications per quartile

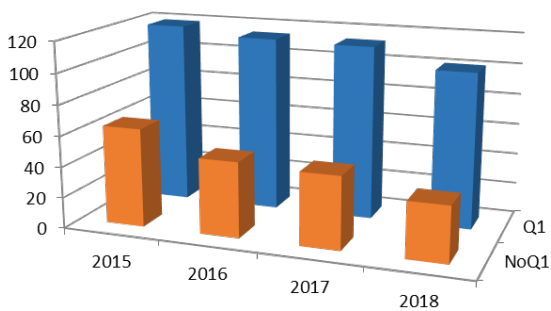


% Publications per quartile

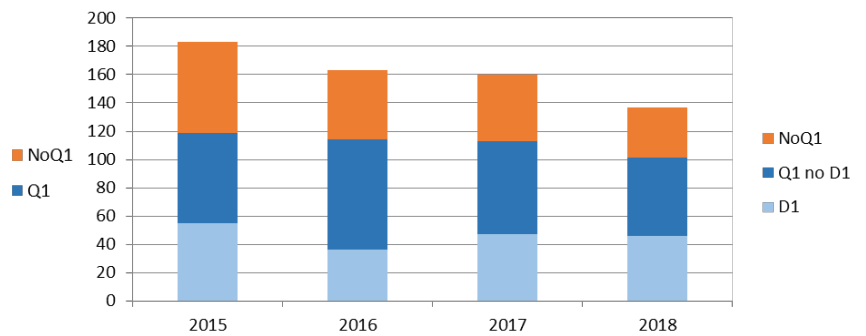


Publications (N):

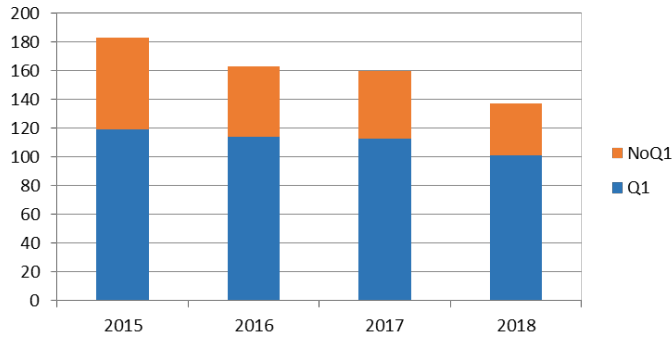
Nº Publications per quartile



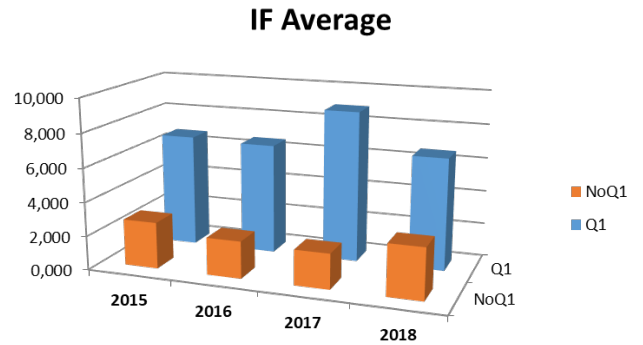
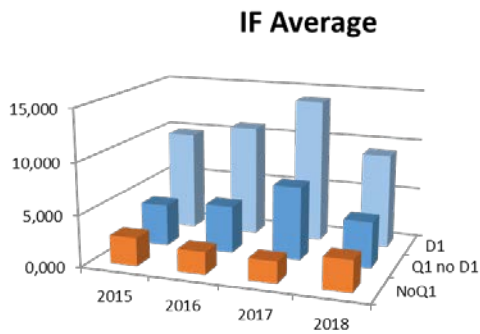
Nº Publications per quartile



Nº Publications per quartile



IF Average



Title	Authors	Journal	Publication	DOI	ISSN	IF	Q	D
RNA-dependent chromatin targeting of TET2 for endogenous retrovirus control in pluripotent stem cells	Guallar, Diana; Bi, Xianju; Pardavila, Jose Angel; Huang, Xin; Saenz, Carmen; Shi, Xianle; Zhou, Hongwei; Faiola, Francesco; Ding, Junjun; Haruehanroengra, Phensinee; Yang, Fan; Li, Dan; Sanchez-Priego, Carlos; Saunders, Arven; Pan, Feng; Valdes, Victor Julian; Kelley, Kevin; Blanco, Miguel G.; Chen, Lingyi; Wang, Huayan; Sheng, Jia; Xu, Mingjiang; Fidalgo, Miguel; Shen, Xiaohua; Wang, Jianlong	NATURE GENETICS	2018 Mar; 130: 62-70	10.1038/s41588-018-0060-9	1061-4036	27,125	1	1
ESC guidelines for the diagnosis and treatment of acute and chronic heart failure (vol 37, pg 2129, 2016)	Ponikowski, P.; Voors, A. A.; Anker, S. D.; Bueno, H.; Cleland, J. G.; Coats, A. J.; Falk, V; Gonzalez-Juanatey, J. R.; Harjola, V. P.; Jankowska, E. A.; Jessup, M.; Linde, C.; Nihoyannopoulos, P.; Parissis, J. T.; Pieske, B.; Riley, J. P.; Rosano, G. M.; Ruilope, L. M.; Ruschitzka, F.; Rutten, F. H.; van der Meer, P.	EUROPEAN HEART JOURNAL	2018 Mar 7;39(10):860	10.1093/eurheartj/ehw383	0195-668X	23,425	1	1
The Origins and Vulnerabilities of Two Transmissible Cancers in Tasmanian Devils	Stammnitz, Maximilian R.; Coorens, Tim H. H.; Gori, Kevin C.; Hayes, Dane; Fu, Beiyuan; Wang, Jinhong; Martin-Herranz, Daniel E.; Alexandrov, Ludmil B.; Baez-Ortega, Adrian; Barthorpe, Syd; Beck, Alexandra; Giordano, Francesca; Knowles, Graeme W.; Kwon, Young Mi; Hall, George; Price, Stacey; Pye, Ruth J.; Tubio, Jose M. C.; Siddle, Hannah V. T.; Sohal, Sukhwinder Singh; Woods, Gregory M.; McDermott, Ultan; Yang, Fengtang; Garnett, Mathew J.; Ning, Zemin; Murchison, Elizabeth P.	CANCER CELL	2018 Apr; 33 (4): 607+	10.1016/j.ccell.2018.03.013	1535-6108	22,844	1	1



Silver Atomic Quantum Clusters of Three Atoms for Cancer Therapy: Targeting Chromatin Compaction to Increase the Therapeutic Index of Chemotherapy	Porto, Vanesa; Borrajo, Erea; Buceta, David; Carneiro, Carmen; Huseyinova, Shahana; Dominguez, Blanca; Borgman, Kyra J. E.; Lakadamyali, Melike; Garcia-Parajo, Maria F.; Neissa, Jose; Garcia-Caballero, Tomas; Barone, Giampaolo; Carmen Blanco, M.; Busto, Natalia; Garcia, Begona; Maria Leal, Jose; Blanco, Jose; Rivas, Jose; Arturo Lopez-Quintela, M.; Dominguez, Fernando	ADVANCED MATERIALS	2018 Aug; 30 (33)	10.1002/adma.201801317	0935-9648	21,95	1	1
Cofactors influence the biological properties of infectious recombinant prions	Fernandez-Borges, Natalia; Di Bari, Michele A.; Erana, Hasier; Sanchez-Martin, Manuel; Pirisinu, Laura; Parra, Beatriz; Elezgarai, Saioa R.; Vanni, Ilaria; Lopez-Moreno, Rafael; Vaccari, Gabriele; Venegas, Vanessa; Charco, Jorge M.; Gil, David; Harrathi, Chafik; D'Agostino, Claudia; Agrimi, Umberto; Mayoral, Tomas; Requena, Jesus R.; Nonno, Romolo; Castilla, Joaquin	ACTA NEUROPATHOLOGICA	2018 Feb; 135(2): 179-199	10.1007/s00401-017-1782-y	0001-6322	15,876	1	1
Early evolutionary divergence between papillary and anaplastic thyroid cancers	Capdevila, J; Mayor, R; Mancuso, FM; Iglesias, C; Caratu, G; Matos, I; Zafon, C; Hernando, J; Petit, A; Nuciforo, P; Cameselle-Teijeiro, JM; Alvarez, C; Recio, JA; Taberner, J; Matias-Guiu, X; Vivancos, A; Seoane, J	ANNALS OF ONCOLOGY	2018 Jun 1;29(6):1454-1460	10.1093/annonc/mdy123	0923-7534	13,93	1	1
Improvement of Duchenne muscular dystrophy phenotype following obestatin treatment	Gonzalez-Sanchez, Jessica; Sanchez-Temprano, Agustin; Cid-Diaz, Tania; Pabst-Fernandez, Regina; Mosteiro, Carlos S.; Gallego, Rosalia; Nogueiras, Ruben; Casabiell, Xesus; Butler-Browne, Gillian S.; Mouly, Vincent; Luis Relova, Jose; Pazos, Yolanda; Camina, Jesus P.	JOURNAL OF CACHEXIA SARCOPENIA AND MUSCLE	2018 Apr; 276: 125-139	10.1002/joa3.12101	1880-4276	12,511	1	1

<p>Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants</p>	<p>Dadaev, Tokhir; Saunders, Edward J.; Newcombe, Paul J.; Anokian, Ezequiel; Leongamornlert, Daniel A.; Brook, Mark N.; Cieza-Borrella, Clara; Mijuskovic, Martina; Wakerell, Sarah; Al Olama, Ali Amin; Schumacher, Fredrick R.; Berndt, Sonja I.; Benlloch, Sara; Ahmed, Mahbubl; Goh, Chee; Sheng, Xin; Zhang, Zhuo; Muir, Kenneth; Govindasami, Koveela; Lophatananon, Artitaya; Stevens, Victoria L.; Gapstur, Susan M.; Carter, Brian D.; Tangen, Catherine M.; Goodman, Phyllis; Thompson, Ian M., Jr.; Batra, Jyotsna; Chambers, Suzanne; Moya, Leire; Clements, Judith; Horvath, Lisa; Tilley, Wayne; Risbridger, Gail; Gronberg, Henrik; Aly, Markus; Nordstrom, Tobias; Pharoah, Paul; Pashayan, Nora; Schleutker, Johanna; Tammela, Teuvo L. J.; Sipeky, Csilla; Auvinen, Anssi; Albanes, Demetrius; Weinstein, Stephanie; Wolk, Alicja; Hakansson, Niclas; West, Catharine; Dunning, Alison M.; Burnet, Neil; Mucci, Lorelei; Giovannucci, Edward; Andriole, Gerald; Cussenot, Olivier; Cancel-Tassin, Geraldine; Koutros, Stella; Freeman, Laura E. Beane; Sorensen, Karina Dalsgaard; Orntoft, Torben Falck; Borre, Michael; Maehle, Lovise; Grindedal, Eli Marie; Neal, David E.; Donovan, Jenny L.; Hamdy, Freddie C.; Martin, Richard M.; Travis, Ruth C.; Key, Tim J.; Hamilton, Robert J.; Fleshner, Neil E.; Finelli, Antonio; Ingles, Sue Ann; Stern, Mariana C.; Rosenstein, Barry; Kerns,</p>	<p>NATURE COMMUNICATION S</p>	<p>2018 Aug; 9</p>	<p>10.1038/s4146 7-018-04109-8</p>	<p>2041-1723</p>	<p>12,353 1 1</p>
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Germline variation at 8q24 and prostate cancer risk in men of European ancestry	Matejcic, Marco; Saunders, Edward J.; Dadaev, Tokhir; Brook, Mark N.; Wang, Kan; Sheng, Xin; Al Olama, Ali Amin; Schumacher, Fredrick R.; Ingles, Sue A.; Govindasami, Koveela; Benlloch, Sara; Berndt, Sonja, I; Albanes, Demetrius; Koutros, Stella; Muir, Kenneth; Stevens, Victoria L.; Gapstur, Susan M.; Tangen, Catherine M.; Batra, Jyotsna; Clements, Judith; Gronberg, Henrik; Pashayan, Nora; Schleutker, Johanna; Wolk, Alicja; West, Catharine; Mucci, Lorelei; Kraft, Peter; Cancel-Tassin, Geraldine; Sorensen, Karina D.; Maehle, Lovise; Grindedal, Eli M.; Strom, Sara S.; Neal, David E.; Hamdy, Freddie C.; Donovan, Jenny L.; Travis, Ruth C.; Hamilton, Robert J.; Rosenstein, Barry; Lu, Yong-Jie; Giles, Graham G.; Kibel, Adam S.; Vega, Ana; Bensen, Jeanette T.; Kogevinas, Manolis; Penney, Kathryn L.; Park, Jong Y.; Stanford, Janet L.; Cybulski, Cezary; Nordestgaard, Borge G.; Brenner, Hermann; Maier, Christiane; Kim, Jeri; Teixeira, Manuel R.; Neuhausen, Susan L.; De Ruyck, Kim; Razack, Azad; Newcomb, Lisa F.; Lessel, Davor; Kaneva, Radka; Usmani, Nawaid; Claessens, Frank; Townsend, Paul A.; Dominguez, Manuela G.; Roobol, Monique J.; Menegaux, Florence; Khaw, Kay-Tee; Cannon-Albright, Lisa A.; Pandha, Hardev; Thibodeau, Stephen N.; Schaid, Daniel J.; Wiklund, Fredrik; Chanock, Stephen J.; Easton, Douglas F.; Eeles, Rosalind A.; Kote-Jarai, Zsofia; Conti, David, V; Haiman, Christopher A.	NATURE COMMUNICATION S	2018 Oct; 9	10.1038/s4146 7-018-06863-1	2041-1723	12,353	1	1
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SIRT1 mediates obesity- and nutrient-dependent perturbation of pubertal timing by epigenetically controlling Kiss1 expression	Vazquez, M. J.; Toro, C. A.; Castellano, J. M.; Ruiz-Pino, F.; Roa, J.; Beiroa, D.; Heras, V.; Velasco, I; Dieguez, C.; Pinilla, L.; Gaytan, F.; Nogueiras, R.; Bosch, M. A.; Ronnekleiv, O. K.; Lomniczi, A.; Ojeda, S. R.; Tena-Sempere, M.	NATURE COMMUNICATIONS	2018 Apr; 51: 11-18	10.1038/s41467-018-06459-9	2041-1723	12,353	1	1
Ghrelin and LEAP-2: Rivals in Energy Metabolism	Al-Massadi, Omar; Mueller, Timo; Tschoep, Matthias; Dieguez, Carlos; Nogueiras, Ruben	TRENDS IN PHARMACOLOGICAL SCIENCES		10.1016/j.tips.2018.06.004	0165-6147	12,108	1	1
The stimulation of GLP-1 secretion and delivery of GLP-1 agonists via nanostructured lipid carriers	Shrestha, N; Bouttefeux, O; Vanvarenberg, K; Lundquist, P; Cunarro, J; Tovar, S; Khodus, G; Andersson, E; Keita, AV; Dieguez, CG; Artursson, P; Preat, V; Beloqui, A	NANOSCALE	2018 Jan 3;10(2):603-613	10.1039/c7nr07736j.	2040-3364	12,102	1	1
Spotlight AMPK Wars: the VMH Strikes Back, Return of the PVH	Lopez, Miguel	TRENDS IN ENDOCRINOLOGY AND METABOLISM		10.1016/j.tem.2018.01.004	1043-2760	10,769	1	1

Clinical validation of blood/brain glutamate grabbing in acute ischemic stroke	da Silva-Candal, Andres; Perez-Diaz, Amparo; Santamaria, Maria; Correa-Paz, Clara; Rodriguez-Yanez, Manuel; Arda, Ana; Perez-Mato, Maria; Iglesias-Rey, Ramon; Brea, Jose; Azuaje, Jhonny; Sotelo, Eddy; Sobrino, Tomas; Loza, M. Isabel; Castillo, Jose; Campos, Francisco	ANNALS OF NEUROLOGY	2018 Aug; 84 (2): 260-273	10.1002/ana.25286	0364-5134	10,25	1	1
Metabolic regulation of female puberty via hypothalamic AMPK-kisspeptin signaling	Roa, Juan; Barroso, Alexia; Ruiz-Pino, Francisco; Jesus Vazquez, Maria; Seoane-Collazo, Patricia; Martinez-Sanchez, Noelia; Garcia-Galiano, David; Ilhan, Tuncay; Pineda, Rafael; Leon, Silvia; Manfredi-Lozano, Maria; Heras, Violeta; Poutaneng, Matti; Castellano, Juan M.; Gaytan, Francisco; Dieguez, Carlos; Pinilla, Leonor; Lopez, Miguel; Tena-Sempere, Manuel	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018 Aug	10.1073/pnas.1802053115	0027-8424	9,504	1	1
p38 alpha blocks brown adipose tissue thermogenesis through p38 delta inhibition	Matesanz, Nuria; Nikolic, Ivana; Leiva, Magdalena; Pulgarin-Alfaro, Marta; Santamans, Ayelen M.; Bernardo, Edgar; Mora, Alfonso; Herrera-Melle, Leticia; Rodriguez, Elena; Beiroa, Daniel; Caballero, Ainoa; Martin-Garcia, Elena; Acin-Perez, Rebeca; Hernandez-Cosido, Lourdes; Leiva-Vega, Luis; Torres, Jorge L.; Centeno, Francisco; Nebreda, Angel R.; Antonio Enriquez, Jose; Nogueiras, Ruben; Marcos, Miguel; Sabio, Guadalupe	PLOS BIOLOGY	2018 Jan; 14 (1)	10.1371/journal.pbio.2004455	1544-9173	9,163	1	1

Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress	Gonzalez-Garcia, Ismael; Contreras, Cristina; Estevez-Salguero, Anxela; Ruiz-Pino, Francisco; Colsh, Benoit; Pensado, Ivan; Linares-Pose, Laura; Rial-Pensado, Eva; Martinez de Morentin, Pablo B.; Ferno, Johan; Dieguez, Carlos; Nogueiras, Ruben; Le Stunff, Herve; Magnan, Christophe; Tena-Sempere, Manuel; Lopez, Miguel	CELL REPORTS	2018 Oct; 25 (2): 413+	10.1016/j.celrep.2018.09.38	2211-1247	8,032	1	0
Bilayer polymeric nanocapsules: A formulation approach for a thermostable and adjuvanted E. coli antigen vaccine	Crecente-Campo, Jose; Lorenzo-Abalde, Silvia; Mora, Azucena; Marzoa, Juan; Csaba, Noemi; Blanco, Jorge; Gonzalez-Fernandez, Africa; Jose Alonso, Maria	JOURNAL OF CONTROLLED RELEASE	2018 Sep; 286: 402-414	10.1002/jcsm.12338	2190-6009	7,877	1	1
PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy	Niu, Zhigao; Samaridou, Eleni; Jaumain, Emilie; Coene, Julie; Ullio, Gabriela; Shrestha, Neha; Garcia, Josep; Duran-Lobato, Matilde; Tovar, Sulay; Santander-Orteg, Manuel J.; Victoria Lozano, M.; Mar Arroyo-Jimenez, M.; Ramos-Membrive, Rocio; Penueles, Ivan; Mabondzo, Aloise; Preat, Veronique; Teixido, Meritxell; Giralt, Ernest; Jose Alonso, Maria	JOURNAL OF CONTROLLED RELEASE	2018 Dec; 291: 157-168	10.1016/j.jconrel.2018.03.004	0168-3659	7,877	1	1
Physicochemical, pharmacokinetic and pharmacodynamic analyses of amphiphilic cyclodextrin-based nanoparticles designed to enhance intestinal delivery of insulin	Presas, Elena; McCartney, Fiona; Sultan, Eric; Hunger, Corina; Nellen, Sabine; Alvarez, Clara V.; Werner, Ulrich; Bazile, Didier; Brayden, David J.; O'Driscoll, Caitriona M.	JOURNAL OF CONTROLLED RELEASE	2018 Sep; 238 (3): 177-186	10.1016/j.jconrel.2018.07.045	0168-3659	7,877	1	1
Protamine nanocapsules as carriers for oral peptide delivery	Nomcebo Thwala, Lungile; Pan Delgado, Diego; Leone, Kevin; Marigo, Ilaria; Benetti, Federico; Chenlo, Miguel; Alvarez, Clara, V; Tovar, Sulay; Dieguez, Carlos; Stefania Csaba, Noemi; Jose Alonso, Maria	JOURNAL OF CONTROLLED RELEASE	2018; 32 (2): 321-337	10.1016/j.jconrel.2018.10.022	0168-3659	7,877	1	1

Adult Sox2+stem cell exhaustion in mice results in cellular senescence and premature aging	Vilas, Jessica M.; Carneiro, Carmen; Da Silva-Alvarez, Sabela; Ferreiros, Alba; Gonzalez, Patricia; Gomez, Maria; Ortega, Sagrario; Serrano, Manuel; Garcia-Caballero, Tomas; Gonzalez-Barcia, Miguel; Vidal, Anxo; Collado, Manuel	AGING CELL	2018 Oct: 17(5)	10.1111/accel.12834	1474-9726	7,627	1	1
SF1-Specific AMPK alpha 1 Deletion Protects Against Diet-Induced Obesity	Seoane-Collazo, Patricia; Roa, Juan; Rial-Pensado, Eva; Linares-Pose, Laura; Beiroa, Daniel; Ruiz-Pino, Francisco; Lopez-Gonzalez, Tania; Morgan, Donald A.; Angel Pardavila, Jose; Jesus Sanchez-Tapia, Maria; Martinez-Sanchez, Noelia; Contreras, Cristina; Fidalgo, Miguel; Dieguez, Carlos; Coppari, Roberto; Rahmouni, Kamal; Nogueiras, Ruben; Tena-Sempere, Manuel; Lopez, Miguel	DIABETES	2018 Nov; 67(11): 2213-2226	10.2337/db17-1538	0012-1797	7,273	1	1
Tuning the Size of Nanoassemblies: A Hierarchical Transfer of Information from Dendrimers to Polyion Complexes	Amaral, SP; Tawara, MH; Fernandez-Villamarin, M; Borrajo, E; Martinez-Costas, J; Vidal, A; Riguera, R; Fernandez-Megia, E	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	2018 May 4;57(19):5273-5277.	10.1002/anie.201712244	1433-7851	7,233	1	1
Breast cancer metastasis to liver and lung is facilitated by Pit-1-CXCL12-CXCR4 axis	Martinez-Ordenez, Anxo; Seoane, Samuel; Cabezas, Pablo; Eiro, Noemi; Sendon-Lago, Juan; Macia, Manuel; Garcia-Caballero, Tomas; Gonzalez, Luis O.; Sanchez, Laura; Vizoso, Francisco; Perez-Fernandez, Roman	ONCOGENE	2018 Mar; 7(1)	10.1111/pace.13496	0147-8389	6,854	1	1
YY1 Positively Regulates Transcription by Targeting Promoters and Super-Enhancers through the BAF Complex in Embryonic Stem Cells	Wang, Jia; Wu, Xingui; Wei, Chao; Huang, Xin; Ma, Qian; Huang, Xiaona; Faiola, Francesco; Guallar, Diana; Fidalgo, Miguel; Huang, Tingyuan; Peng, Di; Chen, Li; Yu, Haopeng; Li, Xingyu; Sun, Junyi; Liu, Xinyi; Cai, Xiaoxia; Chen, Xiao; Wang, Ling; Ren, Jian; Wang, Jianlong; Ding, Junjun	STEM CELL REPORTS	2018 Aug; 168: 156-163	10.1016/j.stemcr.2018.02.004	2213-6711	6,537	1	0

Prognostic Value of hs-CRP After Transcatheter Aortic Valve Implantation	Iglesias-Alvarez, Diego; Lopez-Otero, Diego; Gonzalez-Ferreiro, Rocío; Sanmartin-Pena, Xoan; Cid-Alvarez, Belen; Trillo-Nouche, Ramiro; Ramon Gonzalez-Juanatey, Jose	CIRCULATION-CARDIOVASCULAR INTERVENTIONS	2018 Dec; 11 (12)	10.1161/CIRCI NTERVENTIONS .118.007213	1941-7640	6,504	1	0
Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB1 and CB2 receptors and relevance for Alzheimer's disease and levodopa-induced dyskinesia	Navarro, Gemma; Borroto-Escuela, Dasiel; Angelats, Edgar; Etayo, Inigo; Reyes-Resina, Irene; Pulido-Salgado, Marta; Rodriguez-Perez, Ana I.; Canela, Enric I.; Saura, Josep; Luis Lanciego, Jose; Luis Labandeira-Garcia, Jose; Saura, Carlos A.; Fuxe, Kjell; Franco, Rafael	BRAIN BEHAVIOR AND IMMUNITY	2018 Jan; 67: 280-291	10.1016/j.bbi.2017.08.015	0889-1591	6,306	1	1
Central leptin and autonomic regulation: A melanocortin business	Lopez, Miguel	MOLECULAR METABOLISM	2018 Feb; 8: 132-143	10.1016/j.molmet.2018.01.001	2212-8778	6,291	1	1
Central regulation of energy metabolism by estrogens	Xu, Yong; Lopez, Miguel	MOLECULAR METABOLISM	2018 Sep; 55 (9): 7297-7316	10.1016/j.molmet.2018.05.012	2212-8778	6,291	1	1
Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis	Porteiro, Begona; Fondevila, Marcos F.; Buque, Xabier; Gonzalez-Rellan, Maria J.; Fernandez, Uxia; Mora, Alfonso; Beiroa, Daniel; Senra, Ana; Gallego, Rosalia; Ferno, Johan; Lopez, Miguel; Sabio, Guadalupe; Dieguez, Carlos; Aspichueta, Patricia; Nogueiras, Ruben	MOLECULAR METABOLISM	2018 Nov	10.1016/j.molmet.2017.12.005	2212-8778	6,291	1	1
Effects of dapagliflozin on human epicardial adipose tissue: modulation of insulin resistance, inflammatory chemokine production, and differentiation ability	Diaz-Rodriguez, Esther; Agra, Rosa M.; Fernandez, Angel L.; Adrio, Belen; Garcia-Caballero, Tomas; Gonzalez-Juanatey, Jose R.; Eiras, Sonia	CARDIOVASCULAR RESEARCH	2018 Feb; 114 (2): 336-346	10.1093/cvr/cvrx186	0008-6363	6,29	1	0

Aromatic-Based Design of Highly Active and Noncalcemic Vitamin D Receptor Agonists	Gogoi, Pranjali; Seoane, Samuel; Sigueiro, Rita; Guiberteau, Thierry; Maestro, Miguel A.; Perez-Fernandez, Roman; Rochel, Natacha; Mourino, Antonio	JOURNAL OF MEDICINAL CHEMISTRY	2018 Feb; 60 (2): R31-R38	10.1021/acs.jmedchem.8b00337	0022-2623	6,253	1	1
Docking Screens for Dual Inhibitors of Disparate Drug Targets for Parkinson's Disease	Jaiteh, Mariama; Zeifman, Alexey; Saarinen, Marcus; Svenningsson, Per; Brea, Jose; Loza, Maria Isabel; Carlsson, Jens	JOURNAL OF MEDICINAL CHEMISTRY	2018 Mar; 125 (3): 575-589	10.1021/acs.jmedchem.8b00204	0022-2623	6,253	1	1
Recombinant PrPsc shares structural features with brain-derived PrPsc : Insights from limited proteolysis	Sevillano, Alejandro M.; Fernandez-Borges, Natalia; Younas, Neelam; Wang, Fei; Elezgarai, Saioa R.; Bravo, Susana; Vazquez-Fernandez, Ester; Rosa, Isaac; Erana, Hasier; Gil, David; Veiga, Sonia; Vidal, Enric; Erickson-Beltran, Melissa L.; Guitian, Esteban; Silva, Christopher J.; Nonno, Romolo; Ma, Jiyang; Castilla, Joaquin; Requena, Jesus R.	PLOS PATHOGENS	2018 Jul; 71 (7):595-596	10.1371/journal.ppat.1006797	1553-7366	6,158	1	1
Determining the Relative Susceptibility of Four Prion Protein Genotypes to Atypical Scrapie	Silva, Christopher J.; Erickson-Beltran, Melissa L.; Martin-Burriel, Inmaculada; Jose Badiola, Juan; Requena, Jesus R.; Bolea, Rosa	ANALYTICAL CHEMISTRY	2018 Jan; 90(2):1255-1262	10.1021/acs.analchem.7b03985	0003-2700	6,042	1	1
Angiotensin II induces oxidative stress and upregulates neuroprotective signaling from the NRF2 and KLF9 pathway in dopaminergic cells	Parga, Juan A.; Rodriguez-Perez, Ana I.; Garcia-Garrote, Maria; Rodriguez-Pallares, Jannette; Labandeira-Garcia, Jose L.	FREE RADICAL BIOLOGY AND MEDICINE	2018 May	10.1016/j.freeradbiomed.2018.10.409	0891-5849	6,02	1	0
Deletion of the Cold Thermoreceptor TRPM8 Increases Heat Loss and Food Intake Leading to Reduced Body Temperature and Obesity in Mice	Reimundez, Alfonso; Fernandez-Pena, Carlos; Garcia, Guillermo; Fernandez, Ruben; Ordas, Purificacion; Gallego, Rosalia; Pardo-Vazquez, Jose L.; Arce, Victor; Viana, Felix; Senaris, Rosa	JOURNAL OF NEUROSCIENCE	2018 Sep; 104: 227-234	10.1523/JNEUROSCI.3002-17.2018	0270-6474	5,971	1	0

Sex-Biased Physiological Roles of NPF1R, the Canonical Receptor of RFRP-3, in Food Intake and Metabolic Homeostasis Revealed by its Congenital Ablation in mice	Leon, Silvia; Velasco, Inmaculada; Vazquez, Maria J.; Barroso, Alexia; Beiroa, Daniel; Heras, Violeta; Ruiz-Pino, Francisco; Manfredi-Lozano, Maria; Romero-Ruiz, Antonio; Sanchez-Garrido, Miguel A.; Dieguez, Carlos; Pinilla, Leonor; Roa, Juan; Nogueiras, Ruben; Tena-Sempere, Manuel	METABOLISM- CLINICAL AND EXPERIMENTAL	2018 Feb; 8: 211-213	10.1016/j.meta bol.2018.07.00 3	0026-0495	5,963	1	0
Cooperative role of the glucagon-like peptide-1 receptor and 3-adrenergic-mediated signalling on fat mass reduction through the downregulation of PKA/AKT/AMPK signalling in the adipose tissue and muscle of rats	Decara, J.; Rivera, P.; Arrabal, S.; Vargas, A.; Serrano, A.; Pavon, F. J.; Dieguez, C.; Nogueiras, R.; Rodriguez de Fonseca, F.; Suarez, J.	ACTA PHYSIOLOGICA	2018 Apr; 222 (4)	10.1111/apha. 13008	1748-1708	5,930	1	1
Basic life support training into cardiac rehabilitation programs: A chance to give back. A community intervention controlled manikin study	Gonzalez-Salvado, Violeta; Abelairas-Gomez, Cristian; Pena-Gil, Carlos; Neuro-Rey, Carmen; Barcala-Furelos, Roberto; Ramon Gonzalez-Juanatey, Jose; Rodriguez-Nunez, Antonio	RESUSCITATION	2018 Oct; 71 (10): 820-828	10.1016/j.resus citation.2018.0 3.018	0300-9572	5,863	1	1
Angiotensin Type 1 Receptor Antagonists Protect Against Alpha-Synuclein-Induced Neuroinflammation and Dopaminergic Neuron Death	Rodriguez-Perez, Ana I.; Sucunza, Diego; Pedrosa, Maria A.; Garrido-Gil, Pablo; Kulisevsky, Jaime; Lanciego, Jose L.; Labandeira-Garcia, Jose L.	NEUROTHERAPEU TICS	2018; 9 (1): 249-260	10.1007/s1331 1-018-0646-z	1933-7213	5,719	1	1
Ancestry analysis in rural Brazilian populations of African descent	Carvalho Gontijo, Carolina; Mendes, Fabio Macedo; Santos, Carla A.; Klautau-Guimaraes, Maria de Nazare; Lareu, Maria Victoria; Carracedo, Angel; Phillips, Christopher; Oliveira, Silviene F.	FORENSIC SCIENCE INTERNATIONAL- GENETICS	2018 Sep; 36: e1-e7		1872-4973	5,637	1	1

Native American gene continuity to the modern admixed population from the Colombian Andes: Implication for biomedical, population and forensic studies	Criollo-Rayó, Angel A.; Bohorquez, Mabel; Prieto, Rodrigo; Howarth, Kimberley; Culma, Cesar; Carracedo, Angel; Tomlinson, Ian; Echeverry de Polnaco, Maria M.; Carvajal Carmona, Luis G.	FORENSIC SCIENCE INTERNATIONAL- GENETICS	2018 Nov; 37: 241-251	10.1016/j.fsige n.2018.06.018	1872-4973	5,637	1	1
Towards broadening Forensic DNA Phenotyping beyond pigmentation: Improving the prediction of head hair shape from DNA	Pospiech, Ewelina; Chen, Yan; Kukla-Bartoszek, Magdalena; Breslin, Krystal; Aliferi, Anastasia; Andersen, Jeppe D.; Ballard, David; Chaitanya, Lakshmi; Freire-Aradas, Ana; van der Gaag, Kristiaan J.; Giron-Santamaria, Lorena; Gross, Theresa E.; Gysi, Mario; Huber, Gabriela; Mosquera-Miguel, Ana; Muralidharan, Charanya; Skowron, Malgorzata; Carracedo, Angel; Haas, Cordula; Morling, Niels; Parson, Walther; Phillips, Christopher; Schneider, Peter M.; Sijen, Titia; Syndercombe-Court, Denise; Vennemann, Marielle; Wu, Sijie; Xu, Shuhua; Jin, Li; Wang, Sijia; Zhu, Ghu; Martin, Nick G.; Medland, Sarah E.; Branicki, Wojciech; Walsh, Susan; Liu, Fan; Kayser, Manfred	FORENSIC SCIENCE INTERNATIONAL- GENETICS	2018 Dec; 129: 394-406	10.1016/j.fsige n.2018.06.006	1872-4973	5,637	1	1
Introducing the Forensic Science International: Genetics Reviewer Hall of Fame	Carracedo, Angel; Smith, Alexander J.	FORENSIC SCIENCE INTERNATIONAL- GENETICS	2018 Dec; 9	10.1016/j.fsige n.2018.08.017	1872-4973	5,637	1	1
Identification of New Activators of Mitochondrial Fusion Reveals a Link between Mitochondrial Morphology and Pyrimidine Metabolism	Miret-Casals, Laia; Sebastian, David; Brea, Jose; Rico-Leo, Eva M.; Palacin, Manuel; Fernandez-Salguero, Pedro M.; Isabel Loza, M.; Albericio, Fernando; Zorzano, Antonio	CELL CHEMICAL BIOLOGY	2018 Mar; 25 (3): 268+	10.1016/j.che mbiol.2017.12.001	2451-9448	5,592	1	0
Autoantibodies Against Perilipin 1 as a Cause of Acquired Generalized Lipodystrophy	Corvillo, Fernando; Aparicio, Veronica; Lopez-Lera, Alberto; Garrido, Sofia; Araujo-Vilar, David; de Miguel, Maria P.; Lopez-Trascasa, Margarita	FRONTIERS IN IMMUNOLOGY	2018 Nov; 9	10.3389/fimmu .2018.02142	1664-3224	5,511	1	0

Polymeric Nanocapsules for Vaccine Delivery: Influence of the Polymeric Shell on the Interaction With the Immune System	Peleteiro, Mercedes; Presas, Elena; Vicente Gonzalez-Aramundiz, Jose; Sanchez-Correa, Beatriz; Simon-Vazquez, Rosana; Csaba, Noemi; Alonso, Maria J.; Gonzalez-Fernandez, Africa	FRONTIERS IN IMMUNOLOGY	2018 May; 9	10.3389/fimmu.2018.00791	1664-3224	5,511	1	0
Adipose TSHB in Humans and Serum TSH in Hypothyroid Rats Inform About Cellular Senescence	Maria Moreno-Navarrete, Jose; Linares-Pose, Laura; Sabater, Monica; Rial-Pensado, Eva; Comas, Ferran; Jove, Mariona; Latorre, Jessica; Ortega, Francisco; Ricart, Wifredo; Portero-Otin, Manuel; Lopez, Miguel; Manuel Fernandez-Real, Jose	CELLULAR PHYSIOLOGY AND BIOCHEMISTRY	2018; 51 (1): 142-153	10.1159/000495170	1015-8987	5,5	1	1
NK Cell-Based Glioblastoma Immunotherapy	Golan, Irene; Rodriguez de la Fuente, Laura; Costoya, Jose A.	CANCERS	2018 Dec; 10 (12)	10.3390/cancers10120522	2072-6694	5,326	1	0
Long-term prognosis of patients with life-threatening ventricular arrhythmias induced by coronary artery spasm	Rodriguez-Manero, Moises; Oloriz, Teresa; le Polain de Waroux, Jean-Benoit; Burri, Haran; Kreidieh, Bahij; de Asmundis, Carlos; Arias, Miguel A.; Arbelo, Elena; Diaz Fernandez, Brais; Fernandez-Armenta, Juan; Basterra, Nuria; Teresa Izquierdo, Maria; Diaz-Infante, Ernesto; Ballesteros, Gabriel; Carrillo Lopez, Andres; Garcia-Bolao, Ignacio; Benezet-Mazuecos, Juan; Exposito-Garcia, Victor; Larraitz-Gaztanaga; Luis Martinez-Sande, Jose; Garcia-Seara, Javier; Ramon Gonzalez-Juanatey, Jose; Peinado, Rafael	EUROPACE	2018 May; 20 (5): 851-858	10.1093/europace/eux052	1099-5129	5,231	1	0
Update to the Consensus Document on Clinical Use of the Polypill: New Dose Containing Atorvastatin 40 mg	Ramon Gonzalez-Juanatey, Jose	REVISTA ESPANOLA DE CARDIOLOGIA	2018 Apr; 28 (4): 1404-1411	10.1016/j.recsep.2018.02.012	0300-8932	5,166	1	0
A Novel Calsequestrin 2 Deletion Causing Catecholaminergic Polymorphic Ventricular Tachycardia and Sudden Cardiac Death.	Blanco-Verea, Alejandro; Ramos-Luis, Eva; Garcia-Seara, Javier; Carracedo, Angel; Gonzalez-Juanatey, Jose Ramon; Brion, Maria	Revista espanola de cardiologia (English ed.)	2018 Jan; 8	10.1016/j.rec.2018.07.005	1885-5857	5,166	1	0

Determinants and Prognostic Impact of Heart Failure and Left Ventricular Ejection Fraction in Acute Coronary Syndrome Settings.	Agra Bermejo, Rosa; Cordero, Alberto; Garcia-Acuna, Jose M; Gomez Otero, Ines; Varela Roman, Alfonso; Martinez, Alvaro; Alvarez Rodriguez, Leyre; Abou-Jokh, Charigan; Rodriguez-Manero, Moises; Cid Alvarez, Belen; Lopez-Palop, Ramon; Carrillo, Pilar; Gonzalez-Juanatey, Jose R	Revista española de cardiología (English ed.)	2018 sep 8	10.1016/j.rec.2017.10.030	1885-5857	5,166	1	0
Adipose tissue TSH as a new modulator of human adipocyte mitochondrial function.	Comas, Ferran; Lluch, Aina; Sabater, Monica; Latorre, Jessica; Ortega, Francisco; Ricart, Wifredo; Lopez, Miguel; Fernandez-Real, Jose Manuel; Moreno-Navarrete, Jose Maria	International journal of obesity (2005)	2018 Dec; 9 (6): 1063-1078	10.1038/s41366-018-0203-1	1476-5497	5,159	1	0
p107 Deficiency Increases Energy Expenditure by Inducing Brown-Fat Thermogenesis and Browning of White Adipose Tissue.	Cunarro, Juan; Buque, Xabier; Casado, Sabela; Lugilde, Javier; Vidal, Anxo; Mora, Alfonso; Sabio, Guadalupe; Nogueiras, Ruben; Aspichueta, Patricia; Dieguez, Carlos; Tovar, Sulay	Molecular nutrition & food research	2018 Dec; 15 (12): 5653-5664	10.1002/mnfr.201801096	1613-4133	5,151	1	1
Plasma ANGPTL-4 is Associated with Obesity and Glucose Tolerance: Cross-Sectional and Longitudinal Findings	Barja-Fernandez, Silvia; Maria Moreno-Navarrete, Jose; Folgueira, Cintia; Xifra, Gemma; Sabater, Monica; Castelao, Cecilia; Ferno, Johan; Leis, Rosaura; Dieguez, Carlos; Casanueva, Felipe F.; Ricart, Wifredo; Seoane, Luisa M.; Manuel Fernandez-Real, Jose; Nogueiras, Ruben	MOLECULAR NUTRITION & FOOD RESEARCH	2018 May 23; 5	10.1002/mnfr.201800060	1613-4125	5,151	1	1
Bidirectional Neural Interaction Between Central Dopaminergic and Gut Lesions in Parkinson's Disease Models	Garrido-Gil, Pablo; Rodriguez-Perez, Ana, I; Dominguez-Meijide, Antonio; Guerra, Maria J.; Labandeira-Garcia, Jose L.	MOLECULAR NEUROBIOLOGY	2018 Sep; 55(9): 7216-7228	10.1007/s12035-018-0937-8	0893-7648	5,076	1	0
Differential Role of Hypothalamic AMPKalpha Isoforms in Fish: an Evolutive Perspective.	Conde-Sieira, Marta; Capelli, Valentina; Alvarez-Otero, Rosa; Comesana, Sara; Linares-Pose, Laura; Velasco, Cristina; Lopez, Miguel; Soengas, Jose L	Molecular neurobiology	2018 Jul; 55 (7):5847-5867	10.1007/s12035-018-1434-9	1559-1182	5,076	1	0

Ghrelin Causes a Decline in GABA Release by Reducing Fatty Acid Oxidation in Cortex	Francesc Mir, Joan; Zagmutt, Sebastian; Lichtenstein, Mathieu P.; Garcia-Villoria, Judit; Weber, Mineia; Gracia, Ana; Fabrias, Gemma; Casas, Josefina; Lopez, Miguel; Casals, Nuria; Ribes, Antonia; Sunol, Cristina; Herrero, Laura; Serra, Dolors	MOLECULAR NEUROBIOLOGY	2018 Jun; 55 (6): 4763-4776	10.1007/s1203 5-018-0921-3	0893-7648	5,076	1	0
Paracrine and Intracrine Angiotensin 1-7/Mas Receptor Axis in the Substantia Nigra of Rodents, Monkeys, and Humans	Costa-Besada, Maria A.; Valenzuela, Rita; Garrido-Gil, Pablo; Villar-Cheda, Begona; Parga, Juan A.; Lanciego, Jose L.; Labandeira-Garcia, Jose L.	MOLECULAR NEUROBIOLOGY	2018 Nov; e1801096	10.1007/s1203 5-017-0805-y	0893-7648	5,076	1	0
Prostaglandin EP2 Receptors Mediate Mesenchymal Stromal Cell-Neuroprotective Effects on Dopaminergic Neurons	Andres Parga, Juan; Garcia-Garrote, Maria; Martinez, Salvador; Raya, Angel; Luis Labandeira-Garcia, Jose; Rodriguez-Pallares, Jannette	MOLECULAR NEUROBIOLOGY	2018 May; 62 (10)	10.1007/s1203 5-017-0681-5	0893-7648	5,076	1	0
Alzheimer's disease DNA methylome of pyramidal layers in frontal cortex: laser-assisted microdissection study	Guillermo Hernandez, Hernan; Gabriel Sandoval-Hernandez, Adrian; Garrido-Gil, Pablo; Luis Labandeira-Garcia, Jose; Victoria Zelaya, Maria; Bayon, Gustavo F.; Fernandez, Agustin F.; Fraga, Mario F.; Arboleda, Gonzalo; Arboleda, Humberto	EPIGENOMICS	2018 Nov; 10 (11): 1365- 1382	10.2217/epi- 2017-0160	1750-1911	4,979	1	0

Prediction of Post-Discharge Bleeding in Elderly Patients with Acute Coronary Syndromes: Insights from the BleeMACS Registry	Garay, Alberto; Ariza-Sole, Albert; Formiga, Francesc; Raposeiras-Roubin, Sergio; Abu-Assi, Emad; Sanchez-Salado, Jose C.; Lorente, Victoria; Alegre, Oriol; Henriques, Jose Paulo Simao; D'Ascenzo, Fabrizio; Saucedo, Jorge; Ramon Gonzalez-Juanatey, Jose; Wilton, Stephen B.; Kikkert, Wouter J.; Nunez-Gil, Ivan; Song, Xiantao; Alexopoulos, Dimitrios; Liebetrau, Christoph; Kawaji, Tetsuma; Moretti, Claudio; Huczek, Zenon; Nie, Shao-Ping; Fujii, Toshiharu; Correia, Luis; Kawashiri, Masa-aki; Maria Garcia-Acuna, Jose; Southern, Danielle; Alfonso, Emilio; Terol, Belen; Zhang, Dongfeng; Chen, Yalei; Xanthopoulou, Ioanna; Osman, Neriman; Moellmann, Helge; Shiomi, Hiroki; Giordana, Francesca; Gaita, Fiorenzo; Kowara, Michal; Filipiak, Krzysztof; Wang, Xiao; Yan, Yan; Fan, Jing-Yao; Ikari, Yuji; Nakahashi, Takuya; Sakata, Kenji; Yamagishi, Masakazu; Kalpak, Oliver; Kedev, Sasko; Cequier, Angel	THROMBOSIS AND HAEMOSTASIS	2018 Aug; 39 (8): 685-694	10.1055/s-0038-1635259	0340-6245	4,952	1	1
Physical Exercise Improves Aging-Related Changes in Angiotensin, IGF-1, SIRT1, SIRT3, and VEGF in the Substantia Nigra.	Munoz, Ana; Correa, Clynton L; Lopez-Lopez, Andrea; Costa-Besada, Maria A; Diaz-Ruiz, Carmen; Labandeira-Garcia, Jose L	The journals of gerontology. Series A, Biological sciences and medical sciences	2018 Mar; 29 (3): 135-137	10.1093/geron/a/gly072	1079-5006	4,902	1	1
Neurogenic and neuroprotective donepezil-flavonoid hybrids with sigma-1 affinity and inhibition of key enzymes in Alzheimer's disease	Estrada Valencia, Martin; Herrera-Arozamena, Clara; de Andres, Lucia; Perez, Concepcion; Morales-Garcia, Jose A.; Perez-Castillo, Ana; Ramos, Eva; Romero, Alejandro; Vina, Dolores; Yanez, Matilde; Laurini, Erik; Pricl, Sabrina; Isabel Rodriguez-Franco, Maria	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2018 Dec; 133: 203-213	10.1016/j.ejmech.2018.07.026	0223-5234	4,816	1	1

Cancer-associated fibroblasts affect breast cancer cell gene expression, invasion and angiogenesis	Eiro, Noemi; Gonzalez, Lucia; Martinez-Ordonez, Anxo; Fernandez-Garcia, Belen; Gonzalez, Luis O.; Cid, Sandra; Dominguez, Francisco; Perez-Fernandez, Roman; Vizoso, Francisco J.	CELLULAR ONCOLOGY	2018 Aug; 41 (4): 369-378	10.1007/s13402-018-0371-y	2211-3428	4,761	1	0
Protamine Nanocapsules for the Development of Thermostable Adjuvanted Nanovaccines	Vicente Gonzalez-Aramundiz, Jose; Peleteiro, Mercedes; Gonzalez-Fernandez, Africa; Jose Alonso, Maria; Stefania Csaba, Noemi	MOLECULAR PHARMACEUTICS	2018 Jan; 19: 124-128	10.1021/acs.molpharmaceut.8b00852	1543-8384	4,556	1	0
Increased FGF21 in brown adipose tissue of tyrosine hydroxylase heterozygous mice: implications for cold adaptation	Vazquez, Patricia; Hernandez-Sanchez, Catalina; Escalona-Garrido, Carmen; Pereira, Laura; Contreras, Cristina; Lopez, Miguel; Balsinde, Jesus; de Pablo, Flora; Valverde, Angela M.	JOURNAL OF LIPID RESEARCH	2018 Jun; 61 (12): 5269-5278	10.1194/jlr.M085209	0022-2275	4,505	1	0
Influence of the surface properties of nanocapsules on their interaction with intestinal barriers	Santalices, Irene; Torres, Dolores; Victoria Lozano, Ma; Mar Arroyo-Jimenez, Ma; Jose Alonso, Maria; Santander-Ortega, Manuel J.	EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS	2018 Dec; 180: 110-121	10.1016/j.ejpb.2018.09.023	0939-6411	4,491	1	0
Melanin-Concentrating Hormone acts through hypothalamic kappa opioid system and p70S6K to stimulate acute food intake	Romero-Pico, Amparo; Sanchez-Rebordelo, Estrella; Imbernon, Monica; Gonzalez-Touceda, David; Folgueira, Cintia; Senra, Ana; Ferno, Johan; Blouet, Clemence; Cabrera, Roberto; van Gestel, Margriet; Adan, Roger A.; Lopez, Miguel; Maldonado, Rafael; Nogueiras, Ruben; Dieguez, Carlos	NEUROPHARMACOLOGY	2018; 9 (1):543-544	10.1016/j.neuropharm.2017.11.040	0028-3908	4,249	1	0
Impaired Ca ²⁺ handling in resistance arteries from genetically obese Zucker rats: Role of the PI3K, ERK1/2 and PKC signaling pathways	Sanchez, Ana; Contreras, Cristina; Climent, Belen; Gutierrez, Alejandro; Munoz, Mercedes; Garcia-Sacristan, Albino; Lopez, Miguel; Rivera, Luis; Prieto, Dolores	BIOCHEMICAL PHARMACOLOGY	2018 Jun; 152: 114-128	10.1016/j.bcp.2018.03.020	0006-2952	4,235	1	0

Glucocerebrosidase expression patterns in the non-human primate brain	Doposo-Reyes, Iria G.; Sucunza, Diego; Rico, Alberto J.; Pignataro, Diego; Marin-Ramos, David; Roda, Elvira; Rodriguez-Perez, Ana I.; Labandeira-Garcia, Jose L.; Lanciego, Jose L.	BRAIN STRUCTURE & FUNCTION	2018 Jan; 223 (1): 343-355	10.1007/s00429-017-1504-1	1863-2653	4,231	1	1
Perturbation Theory/Machine Learning Model of ChEMBL Data for Dopamine Targets: Docking, Synthesis, and Assay of New L-Prolyk-L-leucyl-glycinamide Peptidomimetics	Ferreira da Costa, Joana; Silva, David; Caamano, Olga; Brea, Jose M.; Isabel Loza, Maria; Munteanu, Cristian R.; Pazos, Alejandro; Garcia-Mera, Xerardo; Gonzalez-Diaz, Humbert	ACS CHEMICAL NEUROSCIENCE	2018 Nov; 9 (11): 2572-2587	10.1021/acschemneuro.8b00083	1948-7193	4,211	1	0
Food Addiction and Binge Eating: Lessons Learned from Animal Models	Novelle, MG; Dieguez, C	NUTRIENTS	2018 Nov-Dec; 47 (10):	10.1038/s41388-017-0036-8	0950-9232	4,196	1	0
De novo Mutations (DNMs) in Autism Spectrum Disorder (ASD): Pathway and Network Analysis	Alonso-Gonzalez, Aitana; Rodriguez-Fontenla, Cristina; Carracedo, Angel	FRONTIERS IN GENETICS	2018 Apr; 9	10.3389/fgene.2018.00406	1664-8021	4,151	1	0
2-Phenylquinazolinones as dual-activity tankyrase-kinase inhibitors	Nkizinkiko, Yves; Desantis, Jenny; Koivunen, Jarkko; Haikarainen, Teemu; Murthy, Sudarshan; Sancineto, Luca; Massari, Serena; Ianni, Federica; Obaji, Ezeogo; Loza, Maria I.; Pihlajaniemi, Taina; Brea, Jose; Tabarrini, Oriana; Lehtio, Lari	SCIENTIFIC REPORTS	2018 Oct; 8	10.1038/s41598-018-19872-3	2045-2322	4,122	1	0

An integrated genomic analysis of anaplastic meningioma identifies prognostic molecular signatures	Collord, Grace; Tarpey, Patrick; Kurbatova, Natalja; Martincorena, Inigo; Moran, Sebastian; Castro, Manuel; Nagy, Tibor; Bignell, Graham; Maura, Francesco; Young, Matthew D.; Berna, Jorge; Tubio, Jose M. C.; McMurran, Chris E.; Young, Adam M. H.; Sanders, Mathijs; Noorani, Imran; Price, Stephen J.; Watts, Colin; Leipnitz, Elke; Kirsch, Matthias; Schackert, Gabriele; Pearson, Danita; Devadass, Abel; Ram, Zvi; Collins, V. Peter; Allinson, Kieren; Jenkinson, Michael D.; Zakaria, Rasheed; Syed, Khaja; Hanemann, C. Oliver; Dunn, Jemma; McDermott, Michael W.; Kirolos, Ramez W.; Vassiliou, George S.; Esteller, Manel; Behjati, Sam; Brazma, Alvis; Santarius, Thomas; McDermott, Ultan	SCIENTIFIC REPORTS	2018 Mar; 8	10.1038/s41598-018-31659-0	2045-2322	4,122	1	0
Circulating Pro-Uroguanylin Levels In Children And Their Relation To Obesity, Sex And Puberty	Folgueira, Cintia; Barja-Fernandez, Silvia; Gonzalez-Saenz, Patricia; Castelao, Cecilia; Vazquez-Cobela, Rocio; Pena-Leon, Veronica; Ruiz-Pinon, Manuel; Casanueva, Felipe F.; Dieguez, Carlos; Leis, Rosaura; Nogueiras, Ruben; Seoane, Luisa M.	SCIENTIFIC REPORTS	2018 Dec; 8	10.1038/s41598-018-32767-7	2045-2322	4,122	1	0
Genetic enhancement of Ras-ERK pathway does not aggravate L-DOPA-induced dyskinesia in mice but prevents the decrease induced by lovastatin	Ruiz-DeDiego, Irene; Fasano, Stefania; Solis, Oscar; Garcia-Montes, Jose-Ruben; Brea, Jose; Loza, Maria I; Brambilla, Riccardo; Moratalla, Rosario	SCIENTIFIC REPORTS	2018 Jan; 44 (1): 54-60	10.1038/s41598-018-33713-3	2045-2322	4,122	1	0
Novel 2-phenylbenzofuran derivatives as selective butyrylcholinesterase inhibitors for Alzheimer's disease	Kumar, Amit; Pintus, Francesca; Di Petrillo, Amalia; Medda, Rosaria; Caria, Paola; Matos, Maria Joao; Vina, Dolores; Pieroni, Enrico; Delogu, Francesco; Era, Benedetta; Delogu, Giovanna L.; Fais, Antonella	SCIENTIFIC REPORTS	2018 Jun; 23 (5): 397-404	10.1038/s41598-018-22747-2	2045-2322	4,122	1	0

Obestatin controls skeletal muscle fiber-type determination (vol 7, 2137, 2017)	Santos-Zas, Icia; Cid-Diaz, Tania; Gonzalez-Sanchez, Jessica; Gurriaran-Rodriguez, Uxia; Seoane-Mosteiro, Carlos; Porteiro, Begona; Nogueiras, Ruben; Casabiell, Xesus; Luis Relova, Jose; Gallego, Rosalia; Mouly, Vincent; Pazos, Yolanda; Camina, Jesus P.	SCIENTIFIC REPORTS	2018 Apr; 10 (4):1324-1339	10.1038/s41598-018-36660-1	2045-2322	4,122	1	0
Prevalence, long-term prognosis and medical alternatives for patients admitted for acute coronary syndromes and prasugrel contraindication	Cordero, Alberto; Garcia-Acuna, Jose M.; Rodriguez-Manero, Moises; Agra-Bermejo, Rosa; Cid, Belen; Alvarez, Belen; Bertomeu-Gonzalez, Vicente; Facila, Lorenzo; Bertomeu-Martinez, Vicente; Gonzalez-Juanatey, Jose R.	INTERNATIONAL JOURNAL OF CARDIOLOGY	2018; 15 (5): 417-424	10.1016/j.ijcar.2018.06.057	0167-5273	4,034	2	0
Temporal trends between association of evidence-based treatment and outcomes in patients with non-ST-elevation myocardial infarction	Alvarez-Alvarez, Belen; Abou Jokh Casas, Charigan; Garcia Acuna, Jose Maria; Cid Alvarez, Belen; Agra Bermejo, Rosa Maria; Cordero Fort, Alberto; Rodriguez Manero, Moises; Gude Sampedro, Francisco; Gonzalez-Juanatey, Jose R.	INTERNATIONAL JOURNAL OF CARDIOLOGY	2018 Sep; 19 (9)	10.1016/j.ijcar.2018.02.110	0167-5273	4,034	2	0
Antifungal Activity of the Human Uterine Cervical Stem Cells Conditioned Medium (hUCESC-CM) Against Candida albicans and Other Medically Relevant Species of Candida	Schneider, Jose; Mateo, Estibaliz; Marcos-Arias, Cristina; Eiro, Noemi; Vizoso, Francisco; Perez-Fernandez, Roman; Eraso, Elena; Quindos, Guillermo	FRONTIERS IN MICROBIOLOGY	2018 Jul; 9 (7)	10.3389/fmicb.2018.02818	1664-302X	4,019	1	0
mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol	Gonzalez-Garcia, Ismael; Martinez de Morentin, Pablo B.; Estevez-Salguero, Anxela; Contreras, Cristina; Romero-Pico, Amparo; Ferno, Johan; Nogueiras, Ruben; Dieguez, Carlos; Tena-Sempere, Manuel; Tovar, Sulay; Lopez, Miguel	JOURNAL OF ENDOCRINOLOGY	2018 Dec; 59 (12): 2308-2320	10.1530/JOE-18-0190	0022-0795	4,012	1	0

FKBP5 polymorphisms and hypothalamic-pituitary-adrenal axis negative feedback in major depression and obsessive-compulsive disorder	Ferrer, Alex; Costas, Javier; Labad, Javier; Salvat-Pujol, Neus; Segalas, Cinto; Urretavizcaya, Mikel; Real, Eva; de Arriba-Arnau, Aida; Alonso, Pino; Crespo, Jose M.; Barrachina, Marta; Soriano-Mas, Carles; Carracedo, Angel; Menchon, Jose M.; Soria, Virginia	JOURNAL OF PSYCHIATRIC RESEARCH	2018 Oct; 87: 87-97	10.1016/j.jpsyc hires.2018.08.003	0022-3956	4	1	0
In situ characterization of stem cell-like biomarkers in meningiomas	Alamir, Hanin; Alomari, Mona; Salwati, Abdulla Ahmed A.; Saka, Mohamad; Bangash, Mohammed; Baeesa, Saleh; Alghamdi, Fahad; Carracedo, Angel; Schulten, Hans-Juergen; Chaudhary, Adeel; Abuzenadah, Adel; Hussein, Deema	CANCER CELL INTERNATIONAL	2018 May; 18	10.1186/s1293 5-018-0571-6	1475-2867	3,96	2	0
Protective, repairing and fibrinolytic effects of rivaroxaban on vascular endothelium	Alvarez, Ezequiel; Paradela-Dobarro, Beatriz; Raposeiras-Roubin, Sergio; Ramon Gonzalez-Juanatey, Jose	BRITISH JOURNAL OF CLINICAL PHARMACOLOGY	2018 Feb; 84 (2): 280-291	10.1111/bcp.1 3440	0306-5251	3,838	1	0
Review of Intraocular Pharmacokinetics of Anti-Infectives Commonly Used in the Treatment of Infectious Endophthalmitis	Luaces-Rodriguez, Andrea; Gonzalez-Barcia, Miguel; Jose Blanco-Teijeiro, Maria; Gil-Martinez, Maria; Gonzalez, Francisco; Gomez-Ulla, Francisco; Lamas, Maria-Jesus; Otero-Espinar, Francisco-Javier; Fernandez-Ferreiro, Anxo	PHARMACEUTICS	2018 Jan; 13 (1)	10.3390/pharm aceutics100200 66	1999-4923	3,746	1	0
Relevance of Dementia in Atrial Fibrillation Patients within a Specific European Health Care Area	Rodriguez-Manero, Moises; Lopez-Pardo, Estrella; Cordero, Alberto; Kreidieh, Omar; Novo Platas, Jose; Valdes, Luis; Cid-Menendez, Adrian; Garcia-Seara, Javier; Pereira-Vazquez, Maria; Martinez-Sande, Jose-Luis; Ruano, Alberto; Pena-Gil, Carlos; Mazon, Pilar; Maria Garcia-Acuna, Jose; Ramon Gonzalez-Juanatey, Jose	NEUROEPIDEMIOLOGY	2018 Oct ; 15 (4):1063-1081	10.1159/00048 7887	0251-5350	3,697	1	0

Regulation of Energy Expenditure and Brown/Beige Thermogenic Activity by Interleukins: New Roles for Old Actors	del Carmen Garcia, Maria; Pazos, Patricia; Lima, Luis; Dieguez, Carlos	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2018 Aug; 34 (5): 548-555	10.3390/ijms19092569	1422-0067	3,687	2	0
Association of metreleptin treatment and dietary intervention with neurological outcomes in Celia's encephalopathy	Araujo-Vilar, David; Domingo-Jimenez, Rosario; Ruibal, Alvaro; Aguiar, Pablo; Ibanez-Mico, Salvador; Garrido-Pumar, Miguel; Angel Martinez-Olmos, Miguel; Lopez-Soler, Concepcion; Guillin-Amarelle, Cristina; Gonzalez-Rodriguez, Maria; Rodriguez-Nunez, Antonio; Alvarez-Escudero, Julian; Linares-Paz, Mercedes; Gonzalez-Mendez, Blanca; Rodriguez-Garcia, Silvia; Sanchez-Iglesias, Sofia	EUROPEAN JOURNAL OF HUMAN GENETICS	2018 Aug; 156: 534-553	10.1038/s41431-017-0052-8	1018-4813	3,636	2	0
Exercise-related severe cardiac events	Vicent, L.; Ariza-Sole, A.; Gonzalez-Juanatey, J. R.; Uribarri, A.; Ortiz, J.; Lopez de Sa, E.; Sans-Rosello, J.; Querol, C. T.; Codina, P.; Sousa-Casasnovas, I.; Martinez-Selles, M.	SCANDINAVIAN JOURNAL OF MEDICINE & SCIENCE IN SPORTS	2018 Sep; 8	10.1111/sms.13037	0905-7188	3,623	1	0
Identification of putative second genetic hits in schizophrenia carriers of high-risk copy number variants and resequencing in additional samples	Rodriguez-Lopez, Julio; Sobrino, Beatriz; Amigo, Jorge; Carrera, Noa; Brenlla, Julio; Agra, Santiago; Paz, Eduardo; Carracedo, Angel; Paramo, Mario; Arrojo, Manuel; Costas, Javier	EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE	2018 Sep; 268 (6): 585-592	10.1007/s00406-017-0799-5	0940-1334	3,617	1	0
Regulated Crossing-Over Requires Inactivation of Yen1/GEN1 Resolvase during Meiotic Prophase I	Arter, Meret; Hurtado-Nieves, Vanesa; Oke, Ashwini; Zhuge, Tangna; Wettstein, Rahel; Fung, Jennifer C.; Blanco, Miguel G.; Matos, Joao	DEVELOPMENTAL CELL	2018 Jun; 45 (6): 785+	10.1016/j.devcel.2018.05.020	1534-5807	3,519	2	0
Crosstalk of Mitochondria With Brain Insulin and Leptin Signaling	Kleinridders, Andre; Ferris, Heather A.; Tovar, Sulay	FRONTIERS IN ENDOCRINOLOGY	2018 Mar; 9	10.3389/fendo.2018.00761	1664-2392	3,519	2	0
Hypothalamic Mitochondrial Dysfunction as a Target in Obesity and Metabolic Disease	Cunarro, Juan; Casado, Sabela; Lugilde, Javier; Tovar, Sulay	FRONTIERS IN ENDOCRINOLOGY	2018 Sep; 9	10.3389/fendo.2018.00283	1664-2392	3,519	2	0

Lipoprotein Lipase Expression in Hypothalamus Is Involved in the Central Regulation of Thermogenesis and the Response to Cold Exposure	Laperrousaz, Elise; Denis, Raphael G.; Kassis, Nadim; Contreras, Cristina; Lopez, Miguel; Luquet, Serge; Cruciani-Guglielmacci, Celine; Magnan, Christophe	FRONTIERS IN ENDOCRINOLOGY	2018 Sep; 9	10.3389/fendo.2018.00103	1664-2392	3,519	2	0
Lipopolysaccharide (LPS)-induced septic shock causes profound changes in myocardial energy metabolites in pigs	Lado-Abeal, Joaquin; Martinez-Sanchez, Noelia; Angel Cocho, Jose; Martin-Pastor, Manuel; Castro-Piedras, Isabel; Luz Couce-Pico, M.; Saha, Asish K.; Lopez, Miguel	METABOLOMICS	2018 Sep; 15: 104-115	10.1007/s11306-018-1433-x	1573-3882	3,511	2	0
Uroguanylin: a new actor in the energy balance movie	Folgueira, C.; Barja-Fernandez, S.; Gonzalez-Saenz, P.; Pena-Leon, V.; Castelao, C.; Ruiz-Pinon, M.; Casanueva, F. F.; Nogueiras, R.; Seoane, L. M.	JOURNAL OF MOLECULAR ENDOCRINOLOGY	2018 Apr; 38 (15): 3643-3656	10.1530/JME-17-0263	0952-5041	3,297	2	0
Serpina3n is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice	Sergi, Domenico; Campbell, Fiona M.; Grant, Christine; Morris, Amanda C.; Bachmair, Eva-Maria; Koch, Christiane; McLean, Fiona H.; Muller, Aifric; Hoggard, Nigel; de Roos, Baukje; Porteiro, Begona; Boekschoten, Mark V.; McGillicuddy, Fiona C.; Kahn, Darcy; Nicol, Phyllis; Benzler, Jonas; Mayer, Claus-Dieter; Drew, Janice E.; Roche, Helen M.; Muller, Michael; Nogueiras, Ruben; Dieguez, Carlos; Tups, Alexander; Williams, Lynda M.	GENES AND NUTRITION	2018 Nov-Dec; 70 (6): 828-835	10.1186/s12263-018-0619-1	1555-8932	3,211	2	0
Unravelling the role and mechanism of adipokine and gastrointestinal signals in animal models in the nonhomeostatic control of energy homeostasis: Implications for binge eating disorder	Novelle, Marta G.; Dieguez, Carlos	EUROPEAN EATING DISORDERS REVIEW	2018 Nov; 26 (6): 551-568	10.1002/erv.2641	1072-4133	3,201	1	0

Longitudinal study of retinal nerve fiber layer thickness changes in a multiple sclerosis patients cohort: A long term 5 year follow-up	Abalo-Lojo, J. M.; Treus, A.; Arias, M.; Gomez-Ulla, F.; Gonzalez, F.	MULTIPLE SCLEROSIS AND RELATED DISORDERS	2018 Nov; 9	10.1016/j.msard.2017.11.017	2211-0348	3,199	2	0
Genetic Targeting of GRP78 in the VMH Improves Obesity Independently of Food Intake	Linares-Pose, Laura; Rial-Pensado, Eva; Estevez-Salguero, Anxela; Milbank, Edward; Gonzalez-Garcia, Ismael; Rodriguez, Claudia; Seoane-Collazo, Patricia; Martinez-Sanchez, Noelia; Nogueiras, Ruben; Prieto, Dolores; Dieguez, Carlos; Contreras, Cristina; Lopez, Miguel	GENES	2018 Sep; 33 (9): 909-917	10.3390/genes9070357	2073-4425	3,191	2	0
Leptin resistance during pregnancy is also exerted at the periphery	Liliana Trujillo-Guiza, Martha; Senaris, Rosa	BIOLOGY OF REPRODUCTION	2018 May; 98 (5): 654-663	10.1093/biolre/i0y024	0006-3363	3,184	1	0
Long-term effectiveness and safety of metreleptin in the treatment of patients with generalized lipodystrophy	Brown, Rebecca J.; Oral, Elif A.; Cochran, Elaine; Araujo-Vilar, David; Savage, David B.; Long, Alison; Fine, Gregory; Salinardi, Taylor; Gorden, Phillip	ENDOCRINE	2018 Jun; 60 (3): 479-489	10.1007/s12020-018-1589-1	1355-008X	3,179	2	0
Relaxin activates AMPK-AKT signaling and increases glucose uptake by cultured cardiomyocytes	Aragon-Herrera, A.; Feijoo-Bandin, S.; Rodriguez-Penas, D.; Rosello-Lleti, E.; Portoles, M.; Rivera, M.; Bigazzi, M.; Bani, D.; Gualillo, O.; Gonzalez-Juanatey, J. R.; Lago, F.	ENDOCRINE	2018 Apr; 60 (1): 103-111	10.1007/s12020-018-1534-3	1355-008X	3,179	2	0
Corneal regeneration by conditioned medium of human uterine cervical stem cells is mediated by TIMP-1 and TIMP-2.	Sendon-Lago, Juan; Seoane, Samuel; Martinez-Ordóñez, Anxo; Eiro, Noemi; Saa, Jorge; Vizoso, Francisco J; Gonzalez, Francisco; Perez-Fernandez, Roman; Bermudez, Maria A	Experimental eye research	2018 Sep; 36: 160-166	10.1016/j.exer.2018.12.004	1096-0007	3,152	1	0
Fingerprint-Based Machine Learning Approach to Identify Potent and Selective 5-HT2BR Ligands	Rataj, Krzysztof; Kelemen, Adam Andor; Brea, Jose; Isabel Loza, Maria; Bojarski, Andrzej J.; Keseru, Gyoergy Miklos	MOLECULES	2018 Jun; 9	10.3390/molecules23051137	1420-3049	3,098	2	0
Hypothalamic AMPK and energy balance	Lopez, Miguel	EUROPEAN JOURNAL OF CLINICAL INVESTIGATION	2018 Sep;48(9):e12996	10.1111/eci.12996	0014-2972	3,086	1	0

Bone mineral density in familial partial lipodystrophy	Fernandez-Pombo, Antia; Ossandon-Otero, Javier A.; Guillin-Amarelle, Cristina; Sanchez-Iglesias, Sofia; Castro, Ana I.; Gonzalez-Mendez, Blanca; Rodriguez-Garcia, Silvia; Rodriguez-Canete, Leticia; Casanueva, Felipe F.; Araujo-Vilar, David	CLINICAL ENDOCRINOLOGY	2018 Jan; 88 (1): 44-50	10.1111/cen.13504	0300-0664	3,077	2	0
The Kon-Tiki expedition and telemedicine	Gonzalez-Toscano, Javier; Gonzalez, Francisco	JOURNAL OF TELEMEDICINE AND TELE CARE	2018 Oct; 14 (10)	10.1177/1357633X17704093	1357-633X	3,046	1	0
Hypothalamic GRP78, a new target against obesity?	Contreras, Cristina; Fondevila, Marcos F.; Lopez, Miguel	ADIPOCYTE	2018; 7(1): 63-66	10.1080/21623945.2017.1405878	2162-3945	3,029	3	0
Pathophysiological Events Associated With Pancreatitis in Response to Tobacco: An In Vitro Comparative Study With Ethanol in Primary Acinar Cell Culture	Luaces-Regueira, Maria; Castineira-Alvarino, Margarita; Castro-Manzanares, Maria; Campos-Toimil, Manuel; Enrique Dominguez-Munoz, J.	PANCREAS	2018 Jun; 10 (2)	10.3390/pathogens7010020	2076-0817	2,958	3	0
Nose-to-brain peptide delivery - The potential of nanotechnology	Samaridou, Eleni; Alonso, Maria Jose	BIOORGANIC & MEDICINAL CHEMISTRY	2018 Jun; 26 (10): 2888-2905	10.1016/j.bmc.2017.11.001	0968-0896	2,881	2	0
Validation of the Spanish Version of the Yale Food Addiction Scale 2.0 (YFAS 2.0) and Clinical Correlates in a Sample of Eating Disorder, Gambling Disorder, and Healthy Control Participants	Granero, Roser; Jimenez-Murcia, Susana; Gerhardt, Ashley N.; Aguera, Zaida; Aymami, Neus; Gomez-Pena, Monica; Lozano-Madrid, Maria; Mallorqui-Bague, Nuria; Mestre-Bach, Gemma; Neto-Antao, Maria I.; Riesco, Nadine; Sanchez, Isabel; Steward, Trevor; Soriano-Mas, Carles; Vintro-Alcaraz, Cristina; Menchon, Jose M.; Casanueva, Felipe F.; Dieguez, Carlos; Fernandez-Aranda, Fernando	FRONTIERS IN PSYCHIATRY	2018 Nov; 13	10.3389/fpsyt.2018.00208	1664-0640	2,857	2	0



Gene therapy approaches in the non-human primate model of Parkinson's disease	Pignataro, D.; Sucunza, D.; Rico, A. J.; Dopeso-Reyes, I. G.; Roda, E.; Rodriguez-Perez, A. I.; Labandeira-Garcia, J. L.; Broccoli, V.; Kato, S.; Kobayashi, K.; Lanciego, Jose L.	JOURNAL OF NEURAL TRANSMISSION	2018 Nov; 47 (10): 938-944	10.1007/s00702-017-1681-3	0300-9564	2,779	2	0
Gender-related differences in post-discharge bleeding among patients with acute coronary syndrome on dual antiplatelet therapy: A BleeMACS sub-study	Grodecki, Kajetan; Huczek, Zenon; Scislo, Piotr; Kowara, Michal; Raposeiras-Roubin, Sergio; D'Ascenzo, Fabrizio; Abu-Assi, Emad; Henriques, Jose Paulo Simao; Saucedo, Jorge; Ramon Gonzalez-Juanatey, Jose; Wilton, Stephen B.; Kikkert, Wouter J.; Nunez-Gil, Ivan; Ariza-Sole, Albert; Song, Xian-tao; Alexopoulos, Dimitrios; Liebetrau, Christoph; Kawaji, Tetsuma; Moretti, Claudio; Nie, Shao-Ping; Fujii, Toshiharu; Correia, Luis; Kawashiri, Masa-aki; Maria Garcia-Acuna, Jose; Southern, Danielle; Alfonso, Emilio; Terol, Belen; Garay, Alberto; Zhang, Dongfeng; Chen, Yalei; Xanthopoulou, Ioanna; Osman, Neriman; Moellmann, Helge; Shiomi, Hiroki; Giordana, Francesca; Scarano, Silvia; Gaita, Fiorenzo; Wang, Xiao; Yan, Yan; Fan, Jing-Yao; Ikari, Yuji; Nakahashi, Takuya; Sakata, Kenji; Yamagishi, Masakazu; Kalpak, Oliver; Kedeve, Sasko; Opolski, Grzegorz; Filipiak, Krzysztof J.	THROMBOSIS RESEARCH	2018 Apr; 15 (2): 124-132	10.1016/j.thromres.2018.06.022	0049-3848	2,779	2	0
Mucosal antibody responses to vaccines targeting SIV protease cleavage sites or full-length Gag and Env proteins in Mauritian cynomolgus macaques	Li, Hongzhao; Hai, Yan; Lim, So-Yon; Toledo, Nikki; Crecente-Campo, Jose; Schalk, Dane; Li, Lin; Omange, Robert W.; Dacoba, Tamara G.; Liu, Lewis R.; Abul Kashem, Mohammad; Wan, Yanmin; Liang, Binhua; Li, Qingsheng; Rakasz, Eva; Schultz-Darken, Nancy; Alonso, Maria J.; Plummer, Francis A.; Whitney, James B.; Luo, Ma	PLOS ONE	2018 Nov; 115 (45): E10758-E10767	10.1371/journal.pone.0202997	1932-6203	2,766	1	0

Myocardium of patients with dilated cardiomyopathy presents altered expression of genes involved in thyroid hormone biosynthesis	Gil-Cayueta, Carolina; Ortega, Ana; Tarazon, Estefania A.; Martinez-Dolz, Luis; Cinca, Juan; Ramon Gonzalez-Juanatey, Jose; Lago, Francisca; Rosello-Lleti, Esther; Rivera, Miguel; Portoles, Manuel	PLOS ONE	2018 Jun; 127: 14-20	10.1371/journal.pone.0190987	1932-6203	2,766	1	0
Mammalian cold TRP channels: impact on thermoregulation and energy homeostasis	Senaris, Rosa; Ordas, Purificacion; Reimundez, Alfonso; Viana, Felix	PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY	2018 Aug; 13 (8)	10.1007/s00424-018-2145-9		2,765	2	0
Association of Beta-Blockers with Survival on Patients Presenting with ACS Treated with PCI: A Propensity Score Analysis from the BleeMACS Registry	D'Ascenzo, Fabrizio; Celentani, Dario; Brustio, Alessandro; Grosso, Alberto; Raposeiras-Roubin, Sergio; Abu-Assi, Emad; Henriques, Jose Paulo Simao; Saucedo, Jorge; Ramon Gonzalez-Juanatey, Jose; Wilton, Stephen B.; Kikkert, Wouter J.; Nunez-Gil, Ivan; Ariza-Sole, Albert; Song, Xiantao; Alexopoulos, Dimitrios; Liebetrau, Christoph; Kawaji, Tetsuma; Huczek, Zenon; Nie, Shao-Ping; Fujii, Toshiharu; Correia, Luis; Kawashiri, Masa-Aki; Maria Garcia-Acuna, Jose; Southern, Danielle; Alfonso, Emilio; Terol, Belen; Garay, Alberto; Zhang, Dongfeng; Chen, Yalei; Xanthopoulou, Ioanna; Osman, Neriman; Moellmann, Helge; Shiomi, Hiroki; Kowara, Michal; Filipiak, Krzysztof; Wang, Xiao; Yan, Yan; Fan, Jing-Yao; Ikari, Yuji; Nakahayshi, Takuya; Sakata, Kenji; Yamagishi, Masakazu; Kalpak, Oliver; Kedev, Sasko; Moretti, Claudio; D'Amico, Maurizio; Gaita, Fiorenzo	AMERICAN JOURNAL OF CARDIOVASCULAR DRUGS	2018 Aug; 18 (4): 299-309	10.1007/s40256-018-0273-4	1175-3277	2,741	2	0

Influence of sex and pregnancy on survival in patients admitted with heart failure: Data from a prospective multicenter registry	Martinez-Selles, Manuel; Diez-Villanueva, Pablo; Alvarez-Gracia, Jesus; Ferrero-Gregori, Andreu; Vives-Borras, Miquel; Worner, Fernando; Bardaji, Alfredo; Delgado, Juan F.; Vazquez, Rafael; Gonzalez-Juanatey, Jose R.; Fernandez-Aviles, Francisco; Cinca, Juan	CLINICAL CARDIOLOGY	2018 Jul; 41 (7): 924-930	10.1002/clc.22 979	0160-9289	2,733	2	0
Global patterns of STR sequence variation: Sequencing the CEPH human genome diversity panel for 58 forensic STRs using the Illumina ForenSeq DNA Signature Prep Kit	Phillips, Christopher; Devesse, Laurence; Ballard, David; van Weert, Leanne; de la Puente, Maria; Melis, Stefania; Alvarez Iglesias, Vanessa; Freire-Aradas, Ana; Oldroyd, Nicola; Holt, Cydne; Court, Denise Syndercombe; Carracedo, Angel; Victoria Lareu, Maria	ELECTROPHORESIS	2018 Nov; 39 (21): 2708- 2724	10.1002/elps.2 01800117	0173-0835	2,569	2	0

Human Early Life Exposome (HELIX) study: a European population-based exposome cohort	Maitre, Lea; de Bont, Jeroen; Casas, Maribel; Robinson, Oliver; Aasvang, Gunn Marit; Agier, Lydiane; Andrusaityte, Sandra; Ballester, Ferran; Basagana, Xavier; Borrás, Eva; Brochot, Celine; Bustamante, Mariona; Carracedo, Angel; de Castro, Montserrat; Dedele, Audrius; Donaire-Gonzalez, David; Estivill, Xavier; Evandt, Jorunn; Fossati, Serena; Giorgis-Allemand, Lise; Gonzalez, Juan R.; Granum, Berit; Grazuleviciene, Regina; Gutzkow, Kristine Bjerve; Haug, Line Smastuen; Hernandez-Ferrer, Carles; Heude, Barbara; Ibarluzea, Jesus; Julvez, Jordi; Karachaliou, Marianna; Keun, Hector C.; Krog, Norun Hjertager; Lau, Chung-Ho E.; Leventakou, Vasiliki; Lyon-Caen, Sarah; Manzano, Cyntia; Mason, Dan; McEachan, Rosemary; Meltzer, Helle Margrete; Petraviciene, Inga; Quentin, Joane; Roumeliotaki, Theano; Sabido, Eduard; Saulnier, Pierre-Jean; Siskos, Alexandros P.; Siroux, Valerie; Sunyer, Jordi; Tamayo, Ibon; Urquiza, Jose; Vafeiadi, Marina; van Gent, Diana; Vives-Usano, Marta; Waiblinger, Dagmar; Warembourg, Charline; Chatzi, Leda; Coen, Muireann; van den Hazel, Peter; Nieuwenhuijsen, Mark J.; Slama, Remy; Thomsen, Cathrine; Wright, John; Vrijheid, Martine	BMJ OPEN	2018 Sep: 8(9)	10.1136/bmjop-en-2017-021311	2044-6055	2,413	2	0
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Congenital hyperinsulinism in two siblings with ABCC8 mutation: same genotype, different phenotypes	Sousa-Santos, Francisco; Simoes, Helder; Castro-Feijoo, Lidia; Cabanas Rodriguez, Paloma; Fernandez-Marmiesse, Ana; Fiano, Rebeca Saborido; Rego, Teresa; Carracedo, Angel; Barreiro Conde, Jesus	ARCHIVES OF ENDOCRINOLOGY METABOLISM	2018 Oct; 62 (5): 560-565	10.20945/2359-3997-3997000000077	2359-3997	2,38	3	0
Inflammatory myopathy in the context of an unusual overlapping laminopathy	Guillin-Amarelle, Cristina; Sanchez-Iglesias, Sofia; Mera, Antonio; Pintos, Elena; Castro-Pais, Ana; Rodriguez-Canete, Leticia; Pardo, Julio; Casanueva, Felipe F.; Araujo-Vilar, David	ARCHIVES OF ENDOCRINOLOGY METABOLISM	2018 May-Jun; 62 (3):376-382	10.20945/2359-3997-3997000000048	2359-3997	2,38	3	0
Bootstrap-based procedures for inference in nonparametric receiver-operating characteristic curve regression analysis	Xose Rodriguez-Alvarez, Maria; Roca-Pardinas, Javier; Cadarso-Suarez, Carmen; Tahoces, Pablo G.	STATISTICAL METHODS IN MEDICAL RESEARCH	2018 Mar;27(3):740-764	10.1177/0962280217742542	0962-2802	2,284	1	0
Nutrients restriction upregulates adiponectin in epicardial or subcutaneous adipose tissue: impact in de novo heart failure patients	Agra, Rosa M.; Fernandez-Trasancos, Angel; Diaz-Rodriguez, Esther; Cordero, Alberto; Varela-Roman, Alfonso; Gomez-Otero, Ines; Nicolas Lopez-Canoa, J.; Luis Fernandez, Angel; Manuel Martinez-Cereijo, Jose; Ramon Gonzalez-Juanatey, Jose; Eiras, Sonia	INTERNATIONAL JOURNAL OF MEDICAL SCIENCES	2018 Sep	10.7150/ijms.2854	1449-1907	2,284	2	0
Whole exome sequencing approach to analysis of the origin of cancer stem cells in patients with head and neck squamous cell carcinoma	Salazar-Garcia, Lorena; Perez-Sayans, Mario; Garcia-Garcia, Abel; Carracedo, Angel; Cruz, Raquel; Lozano, Antonio; Sobrino, Beatriz; Barros, Francisco	JOURNAL OF ORAL PATHOLOGY & MEDICINE	2018 Jul; 24 (6): 440-441	10.1111/jop.12771	0904-2512	2,237	1	0
Laminopathies	Lattanzi, Giovanna; Maggi, Lorenzo; Araujo-Vilar, David	NUCLEUS	2018 Mar; 37 (11): 1430-1444	10.1080/19491034.2018.1515606	1949-1034	2,21	4	0
Lipodystrophic laminopathies: Diagnostic clues	Guillin-Amarelle, Cristina; Fernandez-Pombo, Antia; Sanchez-Iglesias, Sofia; Araujo-Vilar, David	NUCLEUS	2018 Nov; 41 (11): 1484-1490	10.1080/19491034.2018.1454167	1949-1034	2,21	4	0

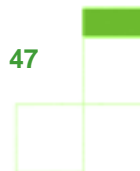
Assessment of genotyping tools applied in genetic susceptibility studies of periodontal disease: A systematic review	de Coo, Alicia; Quintela, Ines; Blanco, Juan; Diz, Pedro; Carracedo, Angel	ARCHIVES OF ORAL BIOLOGY	2018 Aug; 92: 38-50	10.1016/j.archoralbio.2018.04.012	0003-9969	2,05	2	0
Usefulness of identifying G-protein-coupled receptor dimers for diagnosis and therapy of neurodegenerative diseases and of gliomas	Reyes-Resina, Irene; Aguinaga, David; Luis Labandeira-Garcia, Jose; Luis Lanciego, Jose; Navarro, Gemma; Franco, Rafael	HISTOLOGY AND HISTOPATHOLOGY	2018 Jun; 66 (6):854-855	10.14670/HH-11-963	0213-3911	2,015	2	0
Susceptibility of Zebrafish to Vesicular Stomatitis Virus Infection	Guerra-Varela, Jorge; Baz-Martinez, Maite; Da Silva-Alvarez, Sabela; Paula Losada, Ana; Isabel Quiroga, Maria; Collado, Manuel; Rivas, Carmen; Sanchez, Laura	ZEBRAFISH	2018 Apr;15(2):124-132	10.1089/zeb.2017.1499	1545-8547	1,733	1	0

b. Books And Book Chapters:

Book Title	Editor	Editorial	City	ISBN	Pages	Chapter Title	Autor/es	Paxina Inicio-Fin
Anatomía General y Anatomía del aparato locomotor	Círculo Rojo	Almería	978-84-1304-113-1		364	(ALL)	Suárez Quintanilla JA, Rodríguez Cobos MA, Rodríguez Pérez AI; Labandeira Guerra CM; Valenzuela Limiñana R; Pedrosa Sánchez MA; Fernández Cabrera A	1-364
AMPK: Methods and Protocols; Methods in Molecular Biology Series	Viollet B & Neumann D.	Springer	USA	978-1-4939-7598-3	626	Analyzing AMPK function in the hypothalamus	Seoane-Collazo P & López M	433-448
Encyclopedia of Endocrine Diseases	Ilpo Huhtaniemi	Elsevier	UK	9780128121993	4252	Hypothalamic Control of Food Intake and Energy Homeostasis	Seoane LM, López M & Nogueiras R	393-398
Dacriología Aplicada	Roberto Fernandez Hermida y Barbara Berasategui Fernandez	Mac Line		978-84-936943-9-5	400	Fisiología del Sistema lagrimal	Gonzalez F, Abalo-Lojo JM.	27-36
Dacriología Aplicada	Roberto Fernandez Hermida y Barbara Berasategui Fernandez	Mac Line		978-84-936943-9-5	400	Pruebas complementarias aplicadas a la exploración del sistema lagrimal	Abalo-Lojo JM, Gonzalez F	37-52
Dacriología Aplicada	Roberto Fernandez Hermida y Barbara Berasategui Fernandez	Mac Line		978-84-936943-9-5	400	Linfomas de la glándula lagrimal.	Fernandez Hermida R, Berasátegui Fernández B, Velasco Benito V, Gonzalez F.	341-360

c. Patents

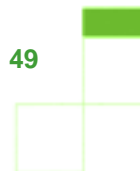
NEW Patent applications (OEPM)						
Year	Application number	Application Date	Title	Grupo	Status	Under exploitation
2018	P201830729	19/07/2018	Nanosistemas con complejos	Nanobiofar	In process OEPM	No
	P201830866	04/09/2018	Sistema para el cultivo de organoides	MOL	In process OEPM	No



International extension of previous applications (previous priority)							
Year	Application number	Application Date	Title	Grupo	Status	Under exploitation	Priority application no.
2018	PCT/ES2018/070092	08/02/2018	Partículas purificadas de polen y su uso para administrar nanosistemas	BIDD; Natural Polymers and Biomimetics	In Process PCT	No	P201730151
	PCT/ES2018/080050	02/11/2018	Polysialic acid drug delivery systems and methods	Nanobi ofar	In Process PCT	No	P201731277
	US15/770,007	20/04/2018	Methods for using regulators for increasing the expression or activation of p53 and/or regulators for reducing or inhibiting the expression of p63-alpha, for the treatment of non-alcoholic fatty liver disease (NAFLD) and/or non-alcoholic steatohepatitis (NASH)	Molecular Metabolism	In Process USP	No	EP15382519
	EP16856981.2	21/05/2018	Methods for using regulators for increasing the expression or activation of p53 and/or regulators for reducing or inhibiting the expression of p63-alpha, for the treatment of non-alcoholic fatty liver disease (NAFLD) and/or non-alcoholic steatohepatitis (NASH)	Molecular Metabolism	In process European Office	No	EP15382519

Registration of previous applications							
Año	Office	Registration no.	Registration Date	Title	Grupo	Under exploitation	Priority application no.
2018	OEPM	ES2613585 B2	19/02/2018	Partículas purificadas de polen y su uso para administrar nanosistemas	BIDD; Natural Polymers and Biomimetics	NO	P201730151
	OEPM	ES2613586B2	14/05/2018	Partículas purificadas de polen, procedimiento y su uso para administrar nanosistemas	BIDD; Natural Polymers and Biomimetics	NO	P201730152

A patent from a CiMUS group was licensed and the trade secrecy was conceded.

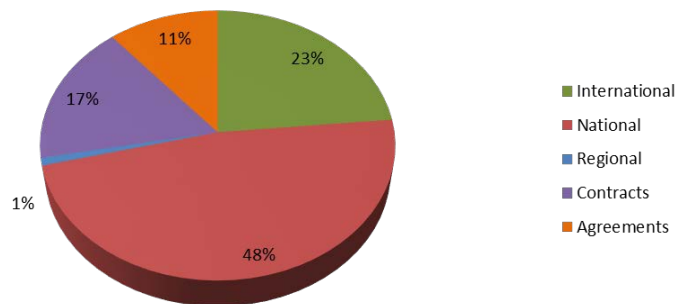


3. FINANCIAL RESOURCES.

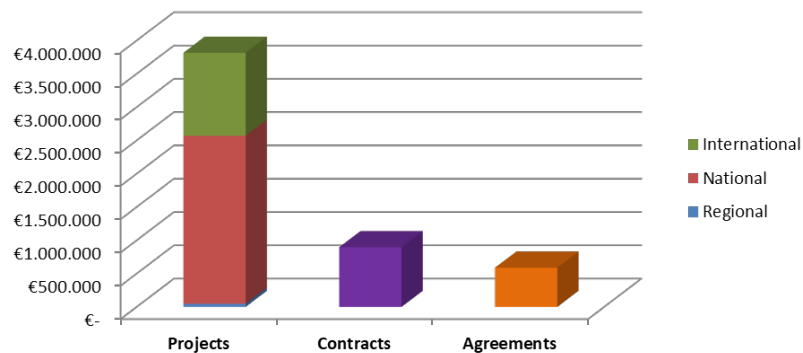
a. 2018 New Funding

Scope		Amount	Percentage	N
Projects	International	1.245.277,36 €	23,49%	5
	National	2.522.197,30 €	47,58%	13
	Regional	47.985,88 €	0,91%	3
Company's contracts		896.527,94 €	16,91%	56
Agreements		589.011,88 €	11,11%	10
TOTAL		5.301.000,36 €	100,0%	100

New funding 2018



New Funding 2018



Title	PI	Call/Entity	Start date	End date	Total Amount €
Finding the genetic causes of contagious metastases under the sea (SCUBA CANCERS)	CASTRO TUBIO, JOSE MANUEL	COMISION EUROPEA	01/01/2018	31/12/2021	989.463,8 1 €
Convenio de Colaboración entre a Axencia Galega e Innovación e a Universidade de Santiago de Compostela para o cofinanciamento da participación da USC no Nodo Español do Consorcio de Infraestruturas de Investigación Europeas 'EU-OPENSUREN-ERIC', dedicada	Loza García, María Isabel	AXENCIA GALEGA DE INNOVACION (GAIN)	01/01/2018	31/01/2023	26.953,08 €
Discovery of Immune Therapeutic Targets and Immunomodulators for the Development of Novel Therapies in Rheumatoid Arthritis (SmallDrugRheuma)	Loza García, María Isabel	COMISION EUROPEA	13/06/2018	28/06/2020	170.121,6 0 €
SNP typing with the Axion Precision Medicine Research array and complementary services	Carracedo Álvarez, Ángel María	OTTO-VON-GUERICKE UNIVERSITÄT	06/09/2018	05/03/2020	19.021,89 €
Nano-inmunoterapias integradas dirigidas a dianas intracelulares relevantes en cáncer. RETOS 2017	Alonso Fernández, María José	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	181.500,0 0
Plataforma de recursos biomoleculares PRB3 - AES 2017	Carracedo Álvarez, Ángel María	MINISTERIO DE CIENCIA Y TECNOLOGIA	01/01/2018	31/12/2020	710.928,9 0
Papel de las orexinas en los efectos biológicos de ghrelin a nivel central sobre homeostasis energética y metabólica. EXCELENCIA 2017	Diéguez González, Carlos	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	347.875,0 0
Clusters atómicos cuánticos de plata: mecanismos de acción biológica y aplicaciones terapéuticas. RETOS 2017	Vidal Figueroa, Anxo	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	84.700,00



Matrices de reprogramación activadas con ARNm para ingeniería de tejidos de cartílago. RETOS 2017	García Fuentes, Marcos	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2021	121.000,00
FARMACOLOGÍA TRASLACIONAL EN LA ESQUIZOFRENIA - RETOS 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,00
Modulación por SUMO de rutas de señalización celular y replicación viral. EXCELENCIA 2017	Rivas Vázquez, María Carmen	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2021	173.998,00
Elucidación de la estructura de los priones PrPSc recombinantes. EXCELENCIA 2017	Rodríguez Requena, Jesús	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,00
Descubrimiento de agroquímicos para mejorar la resistencia a la sequía de plantas de cosecha.- RETOS COLABORACIÓN 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/06/2018	31/12/2020	103.034,00
Desarrollo de fármacos biológicos contra CCR9 en tumores sólidos mediante la modulación del sistema inmune del paciente. - RETOS COLABORACIÓN 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/04/2018	31/12/2020	343.091,40
Red Española de Descubrimiento de Fármacos. REDES DE EXCELENCIA 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/07/2018	30/06/2020	19.000,00
Plataformas biomórficas 3D para la liberación transmucosa de anomedicamentos - EUROPA EXCELENCIA 2018	Csaba, Noemí Stefanía	AGENCIA ESTATAL DE INVESTIGACION	01/12/2018	30/11/2019	74.070,00
Quinasas GCKIII, diabetes y cavernomas. RETOS 2017	Zalvide Torrente, Juan Bautista	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,00
Axudas para o financiamento singular de actividades de Grupos de investigación Ano 2018 - GI-1337	Labandeira García, José Luis	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	15/11/2018	20.000,00
Axudas para o financiamento singular de actividades de Grupos de	Loza García, María Isabel	CONSELLERIA DE CULTURA, EDUCACION E	01/01/2018	15/11/2018	20.000,00

investigación Ano 2018 - GI-1685		ORDENACION UNIVERSITARIA			
Axudas para o financiamento singular de actividades de Grupos de investigación Ano 2018 - GI-2105	Pérez Fernández, Román	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	15/11/2018	7.985,88
TOTAL					3.815.460,54 €

Title	IP	Call/Entity	Start date	End date	Total Amount €
Collaborative research agreement in the field of novel nonoemulsion- based gel-like formulation	Alonso Fernández, María José	GSK CONSUMER HEALTHCARE S.A.	01/02/2018	01/02/2020	175.450,00 €
IO4COLON - Investigación Industrial para el descubrimiento de nuevos fármacos	Loza García, María Isabel	GALCHIMIA, S.A.	01/10/2018	30/09/2020	60.000,00 €
inmunoterapéuticos en el tratamiento de cáncer de colon Conecta Peme 2018					
Extracción de ADN de Trescientas (300)	Carracedo Álvarez, Ángel	FAES FARMA, S.A.	08/05/2018	07/05/2021	6.781,34 €
muestras de Sangre	María				
Servizo de asesoría a Cantabria Labs para a implementación do diseño e desenvolvemento de produto.	Alonso Fernández, María José	INDUSTRIAL FARMACEUTICA CANTABRIA, SA	02/04/2018	27/07/2038	15.000,00 €
Synthesis, Characteriation, Purification of Atomic Quantum Clusters (AQC)s and their application on conductive applications, catalyticand sustainable chemistry applications and life science applications	Domínguez Puente, Fernando	NANOGAP SUB-NM- POWDER, SA	01/07/2018	30/06/2020	24.000,00 €
Master Consultancy Agreement to provide advice, analysis and feedback on a variety of scientific and clínical issues to assist us in ourresearch and	Alonso Fernández, María José	MERCK SHARP & DOHME DE ESPANA, SA	17/10/2018	16/11/2023	2.500,00 €

development activities for Merk Research Laboratories or the Office of the Chief Medical Officer						
Investigación y desarrollo Fase I de nuevos inhibidores de quinasas como medicamento para enfermedades que cursan en el eje de inflamación, fibrosis y cáncer	Loza García, María Isabel	ONCOSTELLAE, SL	01/12/2018	31/12/2020	40.000,00 €	
Servizo de Xenotipado	Carracedo Álvarez, Ángel María	Public	01/01/2016	31/12/2020		423.768,96 €
Plataforma: Unidade de Screening	Loza García, María Isabel	Public	01/01/2016	31/12/2020	16.587,20 €	
Prestación de servizos de animalario no ámbito da investigación	Diéguez González, Carlos	Companies	01/01/2016	31/12/2020	50.757,20 €	
Servizo de Farmacoxenómica (FARMAXEN)	Carracedo Álvarez, Ángel María	Public	01/01/2016	31/12/2020	16.587,20 €	
		Companies	01/01/2016	31/12/2020		16.587,20 €
						64.697,02€
TOTAL						896.527,94 €

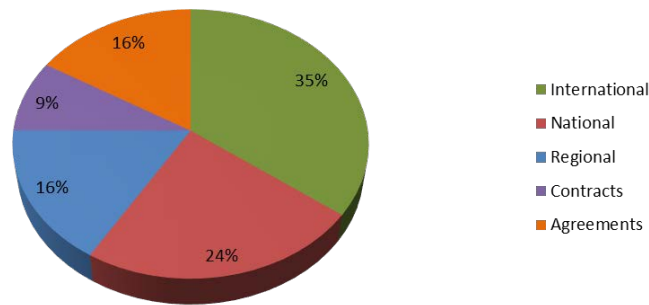
Title	PI	Call/Entity	Start date	End date	Total Amount €
Donación para la realización de actividades de investigación en los mecanismos de proliferación de tumores hipofisarios	Álvarez Villamarín, M. Clara	FUNDACION SOCIEDAD ESPAÑOLA DE ENDOCRINOLOGI A Y NUTRICION (FSEEN)	23/01/2018	31/12/2018	6.000,00
Estudios proteómicos de exosomas y plaquetas en neonatos a cargo del proyecto: 'Nuevos mecanismos de regulación de la reactividad plaquetaria en neonatos' (Expediente nº 14/01956)	García Alonso, Ángel	FUNDACION PARA LA FORMACION E INVESTIGACION SANITARIA DE LA REGION DE MURCIA	08/01/2018	13/07/2018	450,00

Servicio de metilación del dinucleótido cg05575921 y dinucleótidos CpG adyacentes del gen AHRR usando la tecnología EpiTyper y el sistema Massarray de Agena Bioscience	Carracedo Álvarez, Ángel María	FUNDACION INSTITUTO DE INVESTIGACION SANITARIA DE SANTIAGO DE COMPOSTELA (FIDIS)	10/07/2018	31/01/2019	50.000,00
Procesado de muestras de genotipado.	Carracedo Álvarez, Ángel María	FUNDACION BIOMEDICA GALICIA SUR	01/07/2018	31/03/2020	12.411,60
Convenio de Colaboración entre a Conselleria de Cultura, Educación e Ordenación Universitaria, a UDC e a USC para completar as axudas ao persoal investigador principal do programa Starting Grants do Consello Europeo de Investigación	CASTRO TUBIO, JOSE MANUEL	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	31/12/2021	249.935,58
SERVEI DE GENOTIPAT DE PUNTUACIÓ GENÒMICA (Polygenic Risk Score, PGRS)	Carracedo Álvarez, Ángel María	UNIVERSITAT DE BARCELONA	12/07/2018	31/12/2020	20.214,70
AYUDAS PARA INVESTIGADOR AECC EN EL AMBITO DE LA ONCOLOGIA (2018): "Enhancing the effect of Cancer Immunotherapy through the Re[education of Tumor Associated Macrophages"	Alonso Fernández, María José	FUNDACION CIENTIFICA DE LA ASOCIACION ESPAÑOLA CONTRA EL CANCER	01/09/2018	31/08/2020	100.000,00
BOLSAS VERAN CIMUS 2018. Convenio I+D (Xunta 2018)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	30/11/2018	10.000,00
Papel de p53 en la gluconeogénesis hepática.	Nogueiras Pozo, Rubén	FUNDACION BANCO BILBAO VIZCAYA ARGENTARIA	15/09/2018	14/03/2020	40.000,00
Premio 'Joven Talento en Investigación Biomédica 2018'	Nogueiras Pozo, Rubén	ATRESMEDIA CORPORACION DE MEDIOS DE COMUNICACION, SA	01/01/2018	31/12/2022	100.000,00
TOTAL				589.011,88 €	

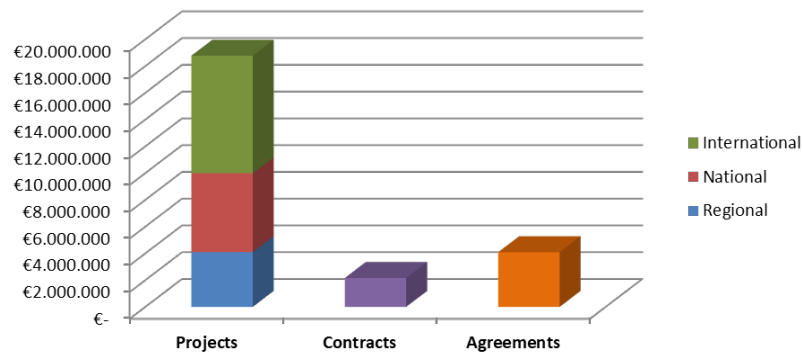
b. 2018 Active funding

Scope		Amount	Percentage	Nº
Projects	International	8.788.552,87 €	35,14%	18
	National	5.893.220,00 €	23,56%	33
	Regional	4.088.948,74 €	16,35%	18
Company's contracts		2.156.157,48 €	8,62%	182
Agreements		4.085.064,08 €	16,33%	18
TOTAL		25.011.943,17 €	100,0%	262

Active funding 2018



Active funding 2018



Title	PI	Call/Entity	Start date	End date	Total Amount €
NanoFar: European Doctorate in nanomedicine and pharmaceutical innovation	Alonso Fernández, María José	COMISION EUROPEA	01/10/2012	30/09/2019	1.109.800,00 €
PHYLOCANCER: Phylogeographic and somatic evolution of cancer tumor cells	Carracedo Álvarez, Ángel María (IP: Posada González, David)	COMISION EUROPEA	01/01/2014	31/12/2018	478.850,00 €
A pilot plant for the production of Polymer based nanopharmaceuticals in compliance with GMP (NANO PILOT)	Alonso Fernández, María José	COMISION EUROPEA	01/01/2015	31/12/2018	273.499,99 €
Design and development of advanced NANomedicines to overcome Biological BARriers and to treat severe diseases (NABBA)	Alonso Fernández, María José	COMISION EUROPEA	01/01/2015	31/12/2018	495.745,91 €
THE EFFECT OF AIP MUTATIONS ON THE APOPTOTIC RET PATHWAY IN PITUITARY ADENOMAS	Álvarez Villamarín, M. Clara	MEDICAL RESEARCH COUNCIL (MRC)	01/01/2015	30/04/2018	175.848,36 €
A European study on effectiveness and sustainability of current Cardiac Rehabilitation programmes in the Elderly : EU-CaRE	González Juanatey, José Ramón	Unión Europea	01/05/2015	30/04/2019	553.855,00 €
Collaboration Agreement for the execution of the project: "Sequential combination of chemo-immunotherapy with trabectedin and functionalized immunomodulatory nanostructures to optimally target Tumor-Associated Macrophages in vivo"	Alonso Fernández, María José	Fondazione Humanitas per la Ricerca	15/05/2015	15/05/2018	59.950,00 €
PanCanRisk: Personalised bioinformatics for global cancer susceptibility identification and clinical management	Carracedo Álvarez, Ángel María	COMISION EUROPEA	01/07/2015	30/06/2018	2.948.185,00 €
Role of p53 on hepatic steatosis and insulin sensitivity	Nogueiras Pozo, Rubén	European Foundation for the Study of Diabetes (EFSD)	01/07/2015	30/06/2018	30.000,00 €

Breast Cancer STratification: understanding the determinants of risk and prognosis of molecular subtypes (B-CAST)	Carracedo Álvarez, Ángel María	COMISION EUROPEA	01/09/2015	31/08/2020	399.000,0 0 €
Brain-Specific, Modular and Active RNA Therapeutics (B-SMART)	Alonso Fernández, María José	COMISION EUROPEA	29/11/2016	31/12/2021	551.375,0 0 €
Visible Attributes through Genomics: Broadened Forensic Use of DNA for Constructing Composite Sketches from Traces (VISAGE)	Carracedo Álvarez, Ángel María	COMISION EUROPEA	01/05/2017	30/04/2021	447.166,2 5 €
Prion 2018	Rodríguez Requena, Jesús	NEUROPRION ASOCIACION	21/05/2017	28/12/2018	20.000,00 €
Finding the genetic causes of contagious metastases under the sea (SCUBA CANCERS)	CASTRO TUBIO, JOSE MANUEL	COMISION EUROPEA	01/01/2018	31/12/2021	989.463,8 1 €
Convenio de Colaboración entre a Axencia Galega e Innovación e a Universidade de Santiago de Compostela para o cofinanciamento da participación da USC no Nodo Español do Consorcio de Infraestruturas de Investigación Europeas "EU-OPENSREEN-ERIC", dedicada	Loza García, María Isabel	AXENCIA GALEGA DE INNOVACION (GAIN)	01/01/2018	31/01/2023	26.953,08 €
Discovery of Immune Therapeutic Targets and Immunomodulators for the Development of Novel Therapies in Rheumatoid Arthritis (SmallDrugRheuma)	Loza García, María Isabel	COMISION EUROPEA	13/06/2018	28/06/2020	170.121,6 0 €
SNP typing with the Axion Precision Medicine Research array and complementary services	Carracedo Álvarez, Ángel María	OTTO-VON- GUERICKE UNIVERSITÄT	06/09/2018	05/03/2020	19.021,89 €
TArgeting Platelet Adhesion receptors in thrombosis (TAPAS)	García Alonso, Ángel	COMISION EUROPEA	01/01/2018	31/12/2021	39.716,98 €
Desarrollo de tratamientos personalizados para el glaucoma. Énfasis en poblaciones infantiles y de edad avanzada. GLAUKUS. RETOS-COLABORACIÓN 2016	Alonso Fernández, María José	AGENCIA ESTATAL DE INVESTIGACION	07/03/2016	31/12/2018	140.140,0 0
Soluciones innovadoras para el tratamiento del ojo seco combinado con dolor ocular - SEKEYE. RETOS-COLABORACIÓN 2016	Alonso Fernández, María José	AGENCIA ESTATAL DE INVESTIGACION	07/03/2016	31/12/2018	209.160,0 0



Implicaciones fisiopatológicas de los mecanismos de recambio y proliferación, benigna y maligna, de las células foliculares tiroideas humanas y de glándulas endocrinas. RETOS 2016	Álvarez Villamarín, M. Clara	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2019	254.100,00
Nueva estrategia multi-etapa para la liberación oral de biomacromoléculas terapéuticas. RETOS 2016	Csaba, Noemí Stefanía	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2019	96.800,00
Análisis de la acción conjunta de la familia de proteínas Ten-elevaen translocation y las proteínas con bromo dominios durante la generación de células pluripotentes inducida. EXCELENCIA 2016	Fidalgo Pérez, Miguel Ángel	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2019	193.600,00
Prevención, detección precoz, tratamiento y rehabilitación de las patologías oculares (Oftared)	Francisco Gonzalez Garcia	RETICS, ISCIII	01/01/2016	31/12/2020	25.476,00 €
Impacto de la obesidad en la reactividad de las plaquetas en la enfermedad coronaria: análisis bioquímico y funcional. RETOS 2016	García Alonso, Ángel	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2019	140.360,00
Estudio bioquímico del procesado de los intermediarios de la replicación y la recombinación del ADN. EXCELENCIA 2016	González Blanco, Miguel	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2019	181.500,00
Sistema renina-angiotensina cerebral en neuroinflamación y degeneración dopaminérgica. Más allá del eje AII/AT1/NADPH-OXIDASA. - EXCELENCIA 2015	José Luis Labandeira García	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	01/01/2016	31/12/2018	296.450,00 €
Aplicación de la ultrasecuenciación de nueva generación para la caracterización taxonómica y análisis poblacional de un tripanosomátido emergente que infecta abejas y otros himenópteros en la Península Ibérica. - INIA	Maside Rodríguez, Julio Manuel	INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA (INIA)	17/09/2015	16/09/2018	93.000,00 €
AMPK hipotalámica y balance energético. - RETOS 2015	Miguel A. López Pérez	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	01/01/2016	31/12/2018	363.000,00 €

Pit-1, vitamina D y estroma en cáncer de mama. - RETOS 2015	Román Pérez Fernández	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	01/01/2016	31/12/2018	133.100,0 0 €
Papel de p53 y p63 hepáticos en la homeostasis metabólica. Implicaciones en desórdenes asociados a obesidad. - RETOS 2015	Rubén Nogueiras	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	01/01/2016	31/12/2018	242.000,0 0 €
Metabolismo de las células tumorales y AMPK. Talón de Aquiles y nueva diana terapéutica en los astrocitomas cerebrales. - AES 2015	Señarís Rodríguez, Rosa María	INSTITUTO DE SALUD CARLOS III	01/01/2016	31/12/2018	110.715,0 0 €
Efecto sobre el metabolismo energético y termogénesis de SIRT1 y SIRT3 en BAT en estados de resistencia a la insulina inducida por HFD y en el envejecimiento. RETOS 2016	Tovar Carro, Sulay A.	AGENCIA ESTATAL DE INVESTIGACION	30/12/2016	29/12/2020	133.100,0 0
Regulación Central en la Homeostasis Energética	Tovar Carro, Sulay A.	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	03/11/2015	02/11/2019	40.000,00 €
Nano-inmunoterapias integradas dirigidas a dianas intracelulares relevantes en cáncer. RETOS 2017	Alonso Fernández, María José	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	181.500,0 0
Plataforma de recursos biomoleculares PRB3 - AES 2017	Carracedo Álvarez, Ángel María	MINISTERIO DE CIENCIA Y TECNOLOGIA	01/01/2018	31/12/2020	710.928,9 0
Papel de las orexinas en los efectos biológicos de ghrelin a nivel central sobre homeostasis energética y metabólica. EXCELENCIA 2017	Diéguez González, Carlos	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	347.875,0 0
Clusters atómicos cuánticos de plata: mecanismos de acción biológica y aplicaciones terapéuticas. RETOS 2017	Vidal Figueroa, Anxo	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	84.700,00
Matrices de reprogramación activadas con ARNm para ingeniería de tejidos de cartílago. RETOS 2017	García Fuentes, Marcos	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2021	121.000,0 0
Combined protective/restorative cell-mediated strategies for neurodegenerative diseases "Red de Terapia celular. NeuroCEL"	Jose Luis Labandeira Garcia	FIS	01/01/2017	31/12/2021	240.000,0 0
FARMACOLOGÍA TRASLACIONAL EN LA ESQUIZOFRENIA - RETOS 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,0 0

Modulación por SUMO de rutas de señalización celular y replicación viral. EXCELENCIA 2017	Rivas Vázquez, María Carmen	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2021	173.998,0 0
Elucidación de la estructura de los priones PrPSc recombinantes. EXCELENCIA 2017	Rodríguez Requena, Jesús	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,0 0
Investigación y desarrollo clínico de dos nuevas inmunoterapias para el cáncer basadas en la modulación de adenosina. - RETOS COLABORACIÓN 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	11/01/2017	31/12/2020	182.555,0 0
Descubrimiento de agroquímicos para mejorar la resistencia a la sequía de plantas de cosecha.- RETOS COLABORACIÓN 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/06/2018	31/12/2020	103.034,0 0
Desarrollo de fármacos biológicos contra CCR9 en tumores sólidos mediante la modulación del sistema inmune del paciente. - RETOS COLABORACIÓN 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/04/2018	31/12/2020	343.091,4 0
El impacto que tienen los elementos transponibles en el genoma de un tumor con 11.000 años de vida. - EXPLORA CIENCIA Y EXPLORA TECNOLOGÍA 2015	CASTRO TUBIO, JOSE MANUEL	AGENCIA ESTATAL DE INVESTIGACION	01/01/2016	31/12/2018	133.590,2 0
Red Española de Descubrimiento de Fármacos. REDES DE EXCELENCIA 2017	Loza García, María Isabel	AGENCIA ESTATAL DE INVESTIGACION	01/07/2018	30/06/2020	19.000,00
Plataformas biomórficas 3D para la liberación transmucosa de anomedicamentos - EUROPA EXCELENCIA 2018	Csaba, Noemí Stefanía	AGENCIA ESTATAL DE INVESTIGACION	01/12/2018	30/11/2019	74.070,00
Quinasas GCKIII, diabetes y cavernomas. RETOS 2017	Zalvide Torrente, Juan Bautista	AGENCIA ESTATAL DE INVESTIGACION	01/01/2018	31/12/2020	121.000,0 0
Descubrimiento y validación de marcadores farmacogenéticos de toxicidad para quimioterapia con fluoropirimidinas, oxaliplatino e irinotecan en cáncer colorrectal	Carracedo Álvarez, Ángel María	Gobierno de España - MINECO (ISCIII)	01/01/2017	31/12/2019	187.852,5 0 €
Una nanomedicina multifuncional para el tratamiento del cáncer metastásico (Proyecto ONCOMETA) - IGNICIA 2017	Alonso Fernández, María José	AXENCIA GALEGA DE INNOVACION	05/09/2017	05/03/2019	838.820,0 0



Consolidación e estruturación 2017 GPC GI-1698 Patoloxía Molecular (PatMol)	Araújo Vilar, David	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2019	90.000,00
Consolidación e estruturación 2017 GRC GI-1736 Medicina Xenómica (GMX)	Carracedo Álvarez, Ángel María	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2020	400.000,0 0
Consolidación e estruturación 2017 GRC GI-1233 Grupo de investigacións biomédicas (GIB)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2020	400.000,0 0
Consolidación e estruturación. REDES 2016 GI-1233	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2018	120.000,0 0
Consolidación e estruturación - MODALIDADE D 2016	Fidalgo Pérez, Miguel Ángel	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2016	30/11/2020	115.000,0 0
Consolidación e estruturación - MODALIDADE D 2016	González Blanco, Miguel	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2016	30/11/2019	90.000,00
Consolidación e estruturación - 2016 GPC GI-1847 Unidad de Investigación en Cardiología Celular y Molecular	González Juanatey, José Ramón	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2018	70.000,00
Consolidación e estruturación - MODALIDADE D 2016	López Pérez, Miguel Antonio	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	05/11/2016	30/11/2020	200.000,0 0
Unidade mixta de I+D USC- Esteve para o descubrimento temperá de fármacos (consolidación)	Loza García, María Isabel	AXENCIA GALEGA DE INNOVACION	09/11/2017	08/11/2020	1.039.142, 86
Consolidación e estruturación 2017 REDES - REGID Rede Galega de Investigación e Desenvolvemento de Medicamentos	Loza García, María Isabel	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2019	120.000,0 0



Consolidación e estruturación - MODALIDADE D 2016	Nogueiras Pozo, Rubén	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	05/11/2016	30/11/2020	200.000,0 0
Reposicionamiento y nueva formulación oral de un fármaco para el tratamiento de la esteatohepatitis no alcohólica (Proxecto REPROSTEATOSIS) - IGNICIA 2017	Nogueiras Pozo, Rubén	AXENCIA GALEGA DE INNOVACION	30/08/2017	28/02/2019	198.000,0 0
Consolidación e estruturación - MODALIDADE D 2016	Tovar Carro, Sulay A.	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2016	30/11/2019	90.000,00
Axudas para o financiamento singular de actividades de Grupos de investigación Ano 2018 - GI-1337	Labandeira García, José Luis	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	15/11/2018	20.000,00
Axudas para o financiamento singular de actividades de Grupos de investigación Ano 2018 - GI-1685	Loza García, María Isabel	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	15/11/2018	20.000,00
Axudas para o financiamento singular de actividades de Grupos de investigación Ano 2018 - GI-2105	Pérez Fernández, Román	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	15/11/2018	7.985,88
Consolidación e estruturación - 2016 GPC GI-2119 Mecanismos Moleculares de Enfermidade (MeMoEn)	Zalvide Torrente, Juan Bautista	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2017	31/12/2018	70.000,00
TOTAL					18.770.721,61 €

Title	IP	Call/Entity	Start date	End date	Total Amount €
Protocolos experimentales detallados para ensayar compuestos con actividad farmacológica en ensayos de unión a proteína plasmática y estabilidad en microsomas	María Isabel Loza García	ALMIRALL PRODEFARMA, S.A.	18/05/2016	17/05/2026	0,00 €
Research lines in Thyroid diseases	Álvarez Villamarín, M. Clara	ENDOSCIENCE SERVICE GMBH	23/11/2015	22/11/2020	37.500
Síntesis de una librería de compuestos por métodos enzimáticos.	Loza García, María Isabel	PLASMIA BIOTECH, S.L.	15/04/2014	14/04/2019	3.500
Convenio de Colaboración para el estudio sobre el desarrollo de nuevos sistemas de vehiculización y nuevos biomarcadores de personalización del tratamiento del cáncer	Diéguez González, Carlos	SUNROCK BIOPHARMA, S.L.	01/07/2016	31/12/2018	26.250,00
Investigación, desarrollo e innovación en nuevos alimentos multifuncionales para síndrome metabólico (METASIN) - Programa CIEN 2015	Costoya Puente, José Antonio	FEIRACO LACTEOS, S.L.U.	05/05/2015	31/12/2018	18.858
NEOGALFARMA- Nuevos fármacos contra el cáncer: Desarrollo de terapias dirigidas a diferentes dianas terapéuticas y de tratamientos combinados.	Loza García, María Isabel	GALCHIMIA, S.A.	27/01/2016	30/11/2018	22.800,00
Conecta-Peme 2016 NEOGALFARMA- Nuevos fármacos contra el cáncer: Desarrollo de terapias dirigidas a diferentes dianas terapéuticas y de tratamientos combinados.	Loza García, María Isabel	ONCOSTELLAE, S.L.	20/01/2016	30/11/2018	32.000,00
Conecta-Peme 2016 Role of p63 in non-alcoholic steatohepatitis-derived hepatocellular carcinoma (ID nº 2017-03-2009)	Nogueiras Pozo, Rubén	BAYER AG	01/08/2017	31/07/2018	20.000,00
Realización de servicios de puesta a punto y desarrollo de ensayos farmacológicos y el cribado de moléculas en dichos ensayos	Loza García, María Isabel	ONCOSTELLAE, S.L.	20/07/2017	30/06/2018	30.000,00
Collaborative research agreement in the field of novel nonoemulsion-based gel-like formulation	Alonso Fernández, María José	GSK CONSUMER HEALTHCARE S.A.	01/02/2018	01/02/2020	175.450,00 €

IO4COLON - Investigación Industrial para el descubrimiento de nuevos fármacos inmunoterapéuticos en el tratamiento de cáncer de colon Conecta Peme 2018	Loza García, María Isabel	GALCHIMIA, S.A.	01/10/2018	30/09/2020	60.000,00 €
Extracción de ADN de Trescientas (300) muestras de Sangre	Carracedo Álvarez, Ángel María	FAES FARMA, S.A.	08/05/2018	07/05/2021	6.781,34 €
Servizo de asesoría a Cantabria Labs para a implementación do diseño e desenvolvemento de produto.	Alonso Fernández, María José	INDUSTRIAL FARMACEUTICA CANTABRIA, SA	02/04/2018	27/07/2038	15.000,00 €
Synthesis, Characteriation, Purification of Atomic Quantum Clusters (AQC)s and their application on conductive applications, catalyticand sustainable chemistry applications and life science applications	Domínguez Puente, Fernando	NANOGAP SUB-NM-POWDER, SA	01/07/2018	30/06/2020	24.000,00 €
Master Consultancy Agreement to provide advice, analysis and feedback on a variety of scientific and clínicl issues to assist us in ourresearch and development activities for Merk Research Laboratories or the Office os the Chief Medical Officer	Alonso Fernández, María José	MERCK SHARP & DOHME DE ESPANA, SA	17/10/2018	16/11/2023	2.500,00 €
Investigación y desarrollo Fase I de nuevos inhibidores de quinasas como medicamento para enfermedades que cursan en el eje de inflamación, fibrosis y cáncer	Loza García, María Isabel	ONCOSTELLAE, SL	01/12/2018	31/12/2020	40.000,00 €
Asesoramento científico e técnico en proxectos relacionados con nanosomas, nanopartículas, nanofibras e AQC nos que NANOGAP está involucrada	Domínguez Puente, Fernando	NANOGAP SUB-NM-POWDER, S.A.	01/05/2017	30/06/2018	36.000,00
Plataforma: Servizo de Secuenciación	Carracedo Álvarez, Ángel María	Public	01/01/2016	31/12/2020	129,02
Servizo de Xenotipado	Carracedo Álvarez, Ángel María	Public	01/01/2016	31/12/2020	1.119.456,86 €
		Companies	01/01/2016	31/12/2020	15.691,75 €
Plataforma: Unidade de Screening	Loza García, María Isabel	Public	01/01/2016	31/12/2020	50.711,19 €
		Companies	01/01/2016	31/12/2020	251.139,80 €

Prestación de servicios de animalario no ámbito da investigación	Diéguez González, Carlos	Public	01/01/2016	31/12/2020	50.711,19 €
		Companies	01/01/2016	31/12/2020	6.423,19 €
Servizo de Farmacoxenómica (FARMAXEN)	Carracedo Álvarez, Ángel María	Public	01/01/2016	31/12/2020	35.871,30 €
		Companies	01/01/2016	31/12/2020	97.077,31 €
TOTAL					2.156.157,48 €

Title	IP	Call/Entity	Start date	End date	Total Amount €
Unidade mixta de I+D USC-Esteve para o descubrimento temperá de fármacos (consolidación)	Loza García, María Isabel	LABORATORIOS DEL DR. ESTEVE, S.A.	09/11/2017	08/11/2020	2.424.666,66
Modelización de la cavernomatosis múltiple familiar a través de reprogramación celular. FUNDACIÓN RAMÓN ARECES 2016	Fidalgo Pérez, Miguel Ángel	FUNDACION RAMON ARECES	02/03/2017	01/03/2020	116.225,04
Síntesis, caracterización y estudio de las propiedades antitumorales de Clústeres Cuánticos Atómicos (AQC's) y complejos organometálicos de Ru(II), Ir(III) y Rh(III)	Domínguez Puente, Fernando	FUNDACION BANCARIA LA CAIXA	01/01/2017	31/12/2019	197.167,50
Servizo de hibridación con Microarrays de DNA SNP6.0 de Affymetrix para proxecto PERIS	Carracedo Álvarez, Ángel María	FUNDACION CLINIC PER A LA RECERCA BIOMEDICA	25/08/2017	31/12/2018	22.240,00
Historia natural, prevalencia y bases moleculares de la encefalopatía de Celia	David Araújo Vilar	Fundación Mutua Madrileña	01/09/2015	07/12/2018	130.000,00 €
Convenio de Colaboración para la realización del proyecto: Células madre uterinas en el tratamiento del cáncer y otras patologías	Pérez Fernández, Román	FUNDACION PARA LA INVESTIGACION CON CELULAS MADRE UTERINAS (FICEMU)	01/05/2016	31/05/2018	40.920,00
Colaboración y apoyo en los estadios 1, 2 y 3 de la Iniciativa I2D2.	Loza García, María Isabel	FUNDACION KERTOR	01/07/2017	31/12/2020	500.000,00

Donación para la realización de actividades de investigación en los mecanismos de proliferación de tumores hipofisarios	Álvarez Villamarín, M. Clara	FUNDACION SOCIEDAD ESPAÑOLA DE ENDOCRINOLOGI A Y NUTRICION (FSEEN)	23/01/2018	31/12/2018	6.000,00
Estudios proteómicos de exosomas y plaquetas en neonatos a cargo del proyecto: 'Nuevos mecanismos de regulación de la reactividad plaquetaria en neonatos' (Expediente nº 14/01956)	García Alonso, Ángel	FUNDACION PARA LA FORMACION E INVESTIGACION SANITARIA DE LA REGION DE MURCIA	08/01/2018	13/07/2018	450,00
Servicio de metilación del dinucleótido cg05575921 y dinucleótidos CpG adyacentes del gen AHRR usando la tecnología EpiTyper y el sistema Massarray de Agena Bioscience	Carracedo Álvarez, Ángel María	FUNDACION INSTITUTO DE INVESTIGACION SANITARIA DE SANTIAGO DE COMPOSTELA (FIDIS)	10/07/2018	31/01/2019	50.000,00
Procesado de muestras de genotipado.	Carracedo Álvarez, Ángel María	FUNDACION BIOMEDICA GALICIA SUR	01/07/2018	31/03/2020	12.411,60
Ayudas para investigador aecc	CASTRO TUBIO, JOSE MANUEL	FUNDACION CIENTIFICA DE LA ASOCIACION ESPAÑOLA CONTRA EL CANCER	19/12/2017	31/12/2019	95.833,00
Convenio de Colaboración entre a Consellería de Cultura, Educación e Ordenación Universitaria, a UDC e a USC para completar as axudas ao persoal investigador principal do programa Starting Grants do Consello Europeo de Investigación	CASTRO TUBIO, JOSE MANUEL	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	31/12/2021	249.935,5 8
SERVEI DE GENOTIPAT DE PUNTUACIÓ GENÒMICA (Polygenic Risk Score, PGRS)	Carracedo Álvarez, Ángel María	UNIVERSITAT DE BARCELONA	12/07/2018	31/12/2020	20.214,70
AYUDAS PARA INVESTIGADOR AECC EN EL AMBITO DE LA ONCOLOGIA (2018): "Enhancing the effect of Cancer Immunotherapy through the Re[education of Tumor Associated Macrophages"	Alonso Fernández, María José	FUNDACION CIENTIFICA DE LA ASOCIACION ESPAÑOLA CONTRA EL CANCER	01/09/2018	31/08/2020	100.000,0 0

BOLSAS VERAN CIMUS 2018. Convenio I+D (Xunta 2018)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/01/2018	30/11/2018	10.000,00
Papel de p53 en la gluconeogénesis hepática.	Nogueiras Pozo, Rubén	FUNDACION BANCO BILBAO VIZCAYA ARGENTARIA	15/09/2018	14/03/2020	40.000,00
Premio 'Joven Talento en Investigación Biomédica 2018'	Nogueiras Pozo, Rubén	ATRESMEDIA CORPORACION DE MEDIOS DE COMUNICACION, SA	01/01/2018	31/12/2022	100.000,0 0
La enzima AMPK, un nexo de unión entre metabolismo y cáncer. Una nueva estrategia terapéutica en los glioblastomas cerebrales.	Señarís Rodríguez, Rosa María	FUNDACION RAMON ARECES	07/04/2015	06/04/2018	99.000,00
TOTAL					4.085.064,08 €

Other funding CiMUS		Call/Entity	Start date	End date	Total Amount €
Convenio CSI-Xunta	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/12/2017	30/11/2018	720.000
Contrato Programa USC	Diéguez González, Carlos	USC	01/01/2018	31/12/2018	39.040



4. HUMAN RESOURCES

c. New Researchers/students

Name	Surname	Group	Start Date	Finish Date	Kind
Sabela	Casado Masa	<i>Diabesity</i>	02/01/18	31/01/21	PhD Student
Elia	Álvarez Coiradas	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	02/01/18	30/06/20	PhD Student
Aitana	Alonso González	<i>Genomics and Bioinformatics</i>	03/01/18	01/10/19	PhD Student
Laura	Gómez García	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	04/01/18	04/01/21	PhD Student
Mónica	Martínez Fernández	<i>Genomes and Disease</i>	18/01/18	31/01/20	Postdoctoral Researcher
Ana Vanessa	Oliveira	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	18/01/18	15/05/18	Postdoctoral Researcher
Martín	Santamarina García	<i>Genomes and Disease</i>	18/01/18	30/07/20	PhD Student
Lucía	Antelo Iglesias	<i>Genomics and Bioinformatics</i>	22/01/18	31/07/18	TFG
Eva	García Álvarez	<i>Genomes and Disease</i>	23/01/18	23/01/21	PhD Student
Fco. Javier	Temes Rodríguez	<i>Genomes and Disease</i>	25/01/18	25/01/20	PhD Student
Iria	Fraga Mediavilla	<i>Virus and Cancer</i>	30/01/18	31/07/18	TFM
Olalla	Martínez Dos Santos	<i>Cellular Signalling and Stress</i>	30/01/18	01/09/18	TFM
Alba Noelia	Prado Vázquez	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	01/02/18	01/04/18	Technician
Jorge	Rodríguez Castro	<i>Genomes and Disease</i>	01/02/18	01/02/22	PhD Student
Marta	Couce Iglesias	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	01/02/18	31/07/18	TFG
Thiago	Melo Costa Pereira	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	02/02/18	31/01/19	Postdoctoral Researcher
Bernardo	Rodríguez Martín	<i>Genomes and Disease</i>	02/02/18	30/06/19	PhD Student
Óscar	Freire Agulleiro	<i>NeurObesity</i>	05/02/18	01/08/18	TFM
María	Gómez García	<i>Genomics and Bioinformatics</i>	07/02/18	31/08/18	Technician

Paula	Otero Sánchez	<i>Genomes and Disease</i>	07/02/18	06/07/18	TFG
Sara	Albo Mejías	<i>Virus and Cancer</i>	08/02/18	31/07/18	TFG
Alicia	López Bruzos	<i>Genomes and Disease</i>	12/02/18	30/06/21	PhD Student
Ragupathy	Sakthikumar	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	15/02/18	15/02/19	Postdoctoral Researcher
Laura	Fernández Suárez	<i>Virus and Cancer</i>	15/02/18	31/07/18	TFG
Mar	Quiñones Tellez	<i>Molecular Metabolism</i>	16/02/18	31/12/18	Postdoctoral Researcher
Francisco	Triana Martínez	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	20/02/18	30/04/18	Postdoctoral Researcher
Gloria	Martínez Río	<i>Cell cycle and Oncology Group (CiCLOn)</i>	26/02/18	28/02/19	Technician
Sonia	Zumalave Duro	<i>Genomes and Disease</i>	05/03/18	05/03/21	PhD Student
Öznur	Buran Fernandez	<i>Galician Oncological Research Group</i>	13/03/18	30/06/21	PhD Student
Cristina	Cotelo Costoya	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	23/03/18	23/09/18	Technician
Marcos	Villar Fernández	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	02/04/18	01/10/18	PhD Student
Lali	Ronsoni Zancan	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	10/04/18	31/01/19	Postdoctoral Researcher
Alberto	Pradilla Dieste	<i>Neoplasia and Endocrine Differentiation</i>	27/04/18	27/04/21	PhD Student
Natalia	Da Silva Lima	<i>Molecular Metabolism</i>	02/05/18	17/04/20	Postdoctoral Researcher
Balbina	Fernández Martínez	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	18/05/18	18/05/19	Technician
Martín Igor	Gómez-Randulfe Rodríguez	<i>Molecular Oncology Laboratory (MOL)</i>	22/05/18	22/05/20	PhD Student
Shubaash	Anthiya Ramamoorthi Gopalram	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	23/05/18	14/03/19	Postdoctoral Researcher
Alana	Aragón Herrera	<i>Cardiovascular Area</i>	25/05/18	25/05/20	PhD Student
Tiago	Moreira Martins	<i>Stem Cells & Human Diseases</i>	30/05/18	30/03/21	Technician
Carmen	Barros Frieiro	CiMUS	01/06/18	31/05/19	Technician



Iria María	Gómez Touriño	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	29/06/18	28/06/20	Postdoctoral Researcher
Antía	Barreiro López	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	10/07/18	31/10/18	Technician
Blanca	Domínguez Loidi	<i>Galician Oncological Research Group</i>	20/07/18	20/07/19	PhD Student
Uxía	Fernández Paz	<i>Molecular Metabolism</i>	26/07/18	26/07/21	PhD Student
Rosa María	Valiñas Carballal	<i>Genomics and Bioinformatics</i>	01/08/18	01/11/18	Technician
Seila M.	Díaz Costas	<i>Genomes and Disease</i>	03/08/18	31/12/21	Postdoctoral Researcher
Rocío	Seoane Abelenda	<i>Virus and Cancer</i>	03/08/18	01/09/22	PhD Student
Diego	Pan Delgado	<i>Natural Polymers and Biomimetics</i>	03/08/18	03/08/20	PhD Student
Olivia	Fuentes Ríos	<i>Genomics and Bioinformatics</i>	01/09/18	31/08/21	PhD Student
Oscar	Freire Agulleiro	<i>NeurObesity</i>	04/09/18	04/09/21	PhD Student
Ana María	López Estévez	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	04/09/18	04/09/21	PhD Student
Vera	García Outeiral	<i>Stem Cells & Human Diseases</i>	10/09/18	01/09/22	PhD Student
Mauro	Gisbert Verdú	<i>Neuroendocrinology, energy homeostasis, metabolism and cancer</i>	10/09/18	01/10/20	PhD Student
Roberto	Ferreiro Maseda	<i>Cell cycle and Oncology Group (CiCLOn)</i>	10/09/18	30/06/19	TFG
Andrea	Lema Soriano	<i>Genomes and Disease</i>	24/09/18	31/12/21	Technician
Alberto	Níñez Díaz	<i>Thyroid and Metabolic Diseases Unit (UETMe)</i>	24/09/18	31/07/21	TFG
Moisés	Rial Alonso	<i>Genomics and Bioinformatics</i>	25/09/18	08/12/18	Technician
Mar	García Colomer	<i>Laboratory Vascular biology</i>	01/10/18	30/09/19	PhD Student
Mireya	López Borrajo	Nanobiofar-CIMUS: <i>Nanomedicine and Drug Delivery</i>	01/10/18	01/10/21	PhD Student
Andrea	Buján López	<i>Endocrine Oncology</i>	01/10/18	30/06/19	TFG
Luis Arturo	Morán Lara	<i>Platelet Proteomics</i>	02/10/18	02/10/21	PhD Student

Jose Antonio	Zumalave Rivas	<i>Molecular Oncology Laboratory (MOL)</i>	02/10/18	12/10/23	PhD Student
Cristina	De La Parte Rodríguez	<i>DNA Repair and Genome Integrity</i>	04/10/18	31/08/19	TFM
M^a Ángeles	Pedrosa Sánchez	<i>Cell and Molecular Neurobiology of Parkinson's disease</i>	05/10/18	01/06/21	PhD Student
Andrés	Antelo Abeijón	<i>Thyroid and Metabolic Diseases Unit (UETMe)</i>	05/10/18	31/07/21	PhD Student
Carmen	Fernández Varela	<i>Nanobiofar-CIMUS: Nanomedicine and Drug Delivery</i>	08/10/18	08/10/21	PhD Student
Sara	Veiga Rúa	<i>Genomics and Bioinformatics</i>	11/10/18	01/10/19	PhD Student
Alfonso	Reimúndez Dubra	<i>Neuroendocrinology, energy homeostasis, metabolism and cancer</i>	15/10/18	04/12/18	PhD Student
María	Rodríguez Casal	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	15/10/18	31/05/19	TFG
Noelia	Fernández Vázquez	<i>Genomes and Disease</i>	17/10/18	31/12/19	TFG
Inés	González Arnejo	<i>Galician Oncological Research Group</i>	18/10/18	18/10/19	TFG
Borja	Romero García	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	22/10/18	31/07/19	TFM
Patricia	Barros Jiménez	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	23/10/18	31/07/19	TFG
Sandra	Moraña Fernández	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	23/10/18	31/07/19	TFM
Tadeu	De Oliveira Diz	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	23/10/18	31/07/19	TFM
Ana María	Pastoriza Mourelle	<i>Pharmacology of Chronic Diseases (CDPharma)</i>	24/10/18	31/07/19	Technician
Daniel	González Santana	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	31/10/18	30/06/19	TFM
Alejandro	Rodríguez Rodríguez	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	05/11/18	30/06/19	TFM



Águeda	Sotelo Álvarez	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	07/11/18	31/07/19	TFG
Mateo	Barro Fernández	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	09/11/18	31/07/19	TFM
Almudena	Gil Rodríguez	<i>Genomics and Bioinformatics</i>	15/11/18	15/11/20	Technician
María	Silveira Loureiro	<i>NeuroObesity</i>	15/11/18	15/11/22	PhD Student
Jesuina Arcângela	Graça Fonseca	<i>Brain Protein Malfunction (Prionlab)</i>	30/11/18	31/07/19	TFM
María Soledad	Otero Piñeiro	<i>Genomics and Bioinformatics</i>	04/12/18	04/12/19	PhD Student
Marcelina	Abal Sanisidro	<i>DNA Repair and Genome Integrity</i>	04/12/18	31/07/19	TFM
Alba	Iglesias Fernández	<i>Brain Protein Malfunction (Prionlab)</i>	05/12/18	10/02/19	Postdoctoral Researcher
Rosanna	Abal García	<i>Genomes and Disease</i>	10/12/18	31/12/20	Technician
Iria	Roca Otero	<i>Genomes and Disease</i>	10/12/18	31/12/20	PhD Student
Beatriz	Noya Mariño	<i>Pharmacology Applied to Drug Discovery (BioFarma)</i>	13/12/18	30/06/19	Postdoctoral Researcher

d. Visiting researchers.

➤ At CiMUS

Name	Institution	Country	Start date	Finish date	Group
Enrique Ortega Forte	Biomedical Research Institute of Murcia (IMIB-Arrixaca-UMU), Universidad de Murcia	España	17/09/2018	07/10/2018	Galician Oncological Research Group
Nathalia Romanelli Vicente Dragano	Universidade de Campinas (UNICAMP) São Paulo	Brasil	01/11/2017	31/10/2018	NeuroObesity
Sonia Mulero	Universidad de Extremadura	España	29/05/2018	09/06/2018	Stem Cells & Human Diseases
José María Carvajal	Universidad de Extremadura	España	29/05/2018	09/06/2018	Stem Cells & Human Diseases
Thiago de Melo Costa Pereira	Universidade Vila Velha	Brasil	01/02/2018	31/07/2018	Pharmacology of Chronic

						Diseases (CDPharma)
Lonneke Nugteren	University of Groningen	Holland	02/04/2010 8	31/10/2018		Pharmacology of Chronic Diseases (CDPharma)
Chiara Schiumarini	Sapienza Università di Roma	Italy	02/11/2017	15/12/2018		Pharmacology of Chronic Diseases (CDPharma)
José Antonio Sánchez Franco	Universidad Autónoma del Estado de Hidalgo	México	01/09/2018	31/12/2018		Pharmacology of Chronic Diseases (CDPharma)
María Alemany Navarro	Instituto de Investigación Biomédica de Bellvitge	España	01/03/2018	31/03/2018		Genomics & Bioinformatics
Nesrine Ben Salem	Higher Institute of Biotechnology of Monastir	Túnez	28/05/2018	01/06/2018		Genomics & Bioinformatics
Amira Boucenna	Université Des Frères Mentouri-Constantine	Algeria	19/01/2018	19/04/2018		Genomics & Bioinformatics
Deborah Conte Santos	Universidade do Estado do Rio de Janeiro	Brasil	01/06/2018	27/07/2018		Genomics & Bioinformatics
Mónica Sans	Fac. De Humanidades y Ciencias de la Educación. Universidad de la República de Magallanes	Chile	02/04/2018	17/04/2018		Genomics & Bioinformatics
Clara Isabel Gómez-Sánchez	Fundación Jimenez Díaz	España	08/02/2018	09/02/2018		Genomics & Bioinformatics
María Porteiro Figueiras	Instituto de Ciencias Antropológicas. Universidad Autónoma de Barcelona	España	16/07/2018	09/08/2018		Genomics & Bioinformatics
Martín López-Penelas	Universidade de Santiago de Compostela	España	03/09/2018	28/09/2018		Genomics & Bioinformatics
Sara Vasco Pérez	CIFP Anxel Casal Monte Alto	España	02/07/2018	31/08/2018		Genomics & Bioinformatics
Nuria Gómez Romero	Universidade de Santiago de Compostela	España	03/09/2018	28/09/2018		Genomics & Bioinformatics
Moisés Rial Alonso	Instituto Frei Martin Sarmiento	España	10/10/2018	12/12/2018		Genomics & Bioinformatics



Elena Neira Goyanes	Universidad de Vigo	España	01/10/2018	21/12/2018	Genomics & Bioinformatics
Leonardo Torres-Leal	Department of Biophysic and Physiology. Federal University of Piauí	Brasil	01/06/2017	Present	Molecular Metabolism
Edna Paulina Tomp Ounaya	Universidad Autónoma del estado de Méjico	México	04/04/2018	10/06/2018	Diabesity
Sigrid Hedwig Jall	Hemholtz Zentrun München	Alemania	02/07/2018	31/08/2018	Diabesity
Rebecca Judith Annells	University of Oxford	United Kingdom	31/10/2018	21/12/2018	Functional Obesomics
Andrés Gómez Pachón	Hospital Militar Central de Bogotá	Colombia	01/10/2018	30/11/2018	Cardiovascular Area
Kevin Leandro Criollo Varón	Hospital Militar Central de Bogotá	Colombia	01/10/2018	30/11/2018	Cardiovascular Area
Ana Isabel Virrey Sánchez	Hospital Militar Central de Bogotá	Colombia	01/07/2018	31/12/2018	Cardiovascular Area
Leonor Manuela Gomes Sousa Marques	Centro Hospitalario do Támeiga e Sousa EPE	Portugal	01/06/2018	30/11/2018	Cardiovascular Area

➤ Outgoing from CiMUS

Name	Institution	Country	Start date	Finish date	CiMUS group
Antonio Domínguez Meijide	Dpt. Experimental Neurodegeneration. University Medical Centre Göttingen (Göttingen)	Alemania	01/01/2018	31/12/2018	Cell and Molecular Neurobiology of Parkinson's disease
Andrea López López	University of Trieste	Italia	01/05/2018	31/07/2018	Cell and Molecular Neurobiology of Parkinson's disease
Yara Souto Becerra	Icahn School of Medicine at Mount Sinai	USA	15/07/2018	15/10/2018	Stem Cells & Human Diseases
Paul Noel Lumapat	University of Liege	Belgium	06/08/2018	30/09/2019	BIDD: Biomaterials & Drug Delivery

Laura Rodríguez de la Fuente	Pharmacy Bio.Lab. TBSI (Trinity Biomedical Sciences Institute) School of Pharmacy & Pharmaceutical Sciences, Dublín	Ireland	01/10/2018	30/09/2019	Molecular Oncology Laboratory
M Carmen Rivas Vázquez	Mount Sinai School of Medicine, New York	USA	01/07/2018	30/09/2018	Virus & Cancer
Ahmed El Motiam	Advanced Technology Institute in Life Sciences (ITAV) Toulouse	Francia	16/01/2018	16/04/2018	Virus & Cancer
Tamara Gómez Dacoba	Koch Institute for Integrative Cancer Research at MIT, Massachussets	USA	01/06/2018	21/12/2018	Nanobiofar
Sofía Saraiva Mendes	Empresa Sylentis, Madrid	España	04/06/2018	24/08/2018	Nanobiofar
Andrea Gonella	Institut Galien Paris-Sud-UMR CNRS 8612-Equipe 7-Faculté de Pharmacie, Paris	Francia	16/04/2018	27/07/2018	Nanobiofar
Andrea Gonella	Empresa Sylentis, Madrid	España	30/07/2018	25/08/2018	Nanobiofar
Aitana Alonso González	Universidad de California, San Francisco	USA	01/09/2018	31/12/2018	Genomics & Bioinformatics
Violeta González Salvado	Hospital de la Santa Creu i Sant Pau	España	01/10/2018	Present	Cardiovascular Area

5. EDUCATION AND TRAINING

a. Thesis

Name	Title	Date	Directors
Sonia Pérez Sieira	Familia NR4A: proteínas implicadas en la homeostasis energética	19/01/2018	Sulay Tovar Carro Y Carlos Diéguez González
Paradela Dobarro, Beatriz	Prognostic value and therapeutics possibilities of advanced glycation end products and their receptor (age-rage axis) in coronary heart disease	19/01/2018	González Juanatey, José Ramón ; Álvarez Castro, Ezequiel
Antón Leandro Martínez Rodríguez	Desarrollo de modelos in vitro de dolor y su aplicación al cribado de alto rendimiento	19/02/2018	Loza García, María Isabel; Burgueño Hurtado, Javier
Cintia Folgueira Cobos	EFFECTOS CENTRALES DE UROGUANILINA Y DOPAMINA SOBRE LA HOMEOSTASIS ENERGÉTICA	26/02/2018	Nogueiras Pozo, Ruben; Seoane Camino, Luisa María; Casanueva Freijo, Felipe
Alba Fernández Iglesias	Estudio de homodímeros del receptor 5-HT _{2A} de serotonina y sus mecanismos de aplicación en la farmacología de la esquizofrenia	16/03/2018	Loza García, María Isabel; Brea Floriani, José Manuel
Porteiro Couto, Begoña	Papel de p53 en el metabolismo hepático	19/03/2018	Rubén Nogueiras Pozo ; Carlos Diéguez González
Ismael González García	Regulación central del balance energético por ceramidas y por estrés del retículo endoplásmático.	02/04/2018	Miguel Antonio López Pérez; Carlos Diéguez González
Patricia Seoane Collazo	Nuevos mecanismos de regulación del balance energético. Papel de AMPK y del estrés del retículo endoplásmico hipotalámico	03/04/2018	Miguel Antonio López Pérez; Carlos Diéguez González.
María Alicia Costa Besada	Sistema renina-angiotensina mitocondrial y nuclear en neuronas. Implicaciones en la enfermedad de Parkinson	27/04/2018	José Luis Labandeira García; Rita Valenzuela Limiñana
Nataliya Storozhylova	Nuevas terapias basadas en nanotecnología potenciales para el tratamiento de la artritis reumatoide	01/05/2018	María José Alonso; Grandjean, Cyrille; Crecente Campo, Jose
Emilia Balboa Beltrán	Clinical application of pharmacogenetics markers in colorectal cancer therapy	08/05/2018	Ángel Carracedo; Francisco Barros
Adriana Martínez Ledo	Nanomedicines for cell reprogramming in tissue engineering and immunomodulation	30/05/2018	Marcos García Fuentes; María José Alonso Fernandez
Alba Ferreirós López	Reprogramando el genoma del cáncer	22/06/2018	Manuel Collado; Anxo Vidal
Wei-Hsin Hsu	Mixed anionic and cationic polyphosphazene complexes for	30/07/2018	Marcos García Fuentes Y Cameron Alexander (Univ. Nottingham).

	effective gene delivery to glioblastoma in vitro and in vivo		
Zuleima Isabel Yáñez Torregoza	Origen mutacional y expresión diferencial en SCA36.	09/10/2018	Ángel Carracedo Alvarez; M ^a Jesús Sobrido Gómez
Irene Santalices Ramos	Nanocarriers for the oral administration of therapeutic macromolecules	01/11/2018	María José Alonso; Torres López, María Dolores
Sánchez Rebordelo, María Estrella	The role of KLF4 and pregnancy under hfd on energy homeostasis	06/11/2018	Rubén Nogueiras Pozo Y Carlos Diéguez González
Tamara González Mosquera	Estudio de los mecanismos de inmortalización de una línea celular derivada de células madre neurales de embrión de ratón	23/11/2018	Victor Manuel Arce Vazquez; Jose Antonio Costoya Puente
Alejandro García González	Identificación de nuevos compuestos activos en el receptor GPR35. Un receptor huérfano implicado en procesos inflamatorios	30/11/2018	Loza García, María Isabel; Brea Floriani, José Manuel

b. TFM

Name	Title	Date	Master name	Directors
González Rejo, Noelia	Papel gluconeogénico de p63	Sept emb er 2018	Máster en Investigación Biomédica	Rubén Nogueiras
Dolisnea, Yasía	Regulación de niveles proteicos de p63 en tejido adiposo blanco por el estado nutricional	July 2018	Máster en Investigación Biomédica	Rubén Nogueiras
Freire Agulleiro, Óscar	Regulación hipotalámica del balance energético	July 2018	Máster en Investigación Biomédica	Miguel López
Rúa Rodríguez, Laura	Papel do receptor X retinoide hipotalámico no metabolismo hepático	July 2018	Máster en Neurociencia	Miguel López
García Outeiral, Vera	Descifrando el papel de Dnmt2 en pluripotencia	July 2018	Máster en Investigación Biomédica	Miguel Fidalgo
Otero Barroso, Manuel	Síntesis y caracterización de polisacáridos conjugados a proteínas	July 2018	Programa I+D de Medicamentos.	Marco García Fuentes



Rodríguez de la Fuente, Laura	Affibody recombinante bioluminiscente para su aplicación en imagen óptica funcional en cáncer de mama	July 2018	Máster en Investigación Biomédica	José A. Costoya Puente
Veiga Rúa, Sara	Caracterización de una línea de pez cebra mutante para el gen auts2a implicado en autismo	July 2018	Máster en Investigación Biomédica	José A. Costoya Puente, Laura Sanchez Piñón, Catarina Allegue Toscano
Antón Pequeño, José María	Caracterización molecular dos clústeres de células tumorais circulantes (CTCs) nun modelo de metastasis do cancro de mama en embrións de peixecebra	July 2018	Máster en Investigación Biomédica	José A. Costoya Puente, Roberto Piñeiro Cid
Castro López, Lucía	Caracterización farmacolóxica dos compostos fenólicos e polifenólicos extraído de aceite de oliva virxe extra.	July 2018	Máster en Investigación Biomédica	José A. Costoya Puente, Oreste Gualillo, Jesús Pino Mínguez
García Veira, Olalla	Neurotoxicidade e neuroprotección na enfermidade de Parkinson: Estudo comparativo de modelos neuronais	July 2018	Máster en I+D de Medicamentos	Dolores Viña Castela y Thiago de Melo Costa Pereira
Iglesias Mejuto, Ana	Estudio del resveratrol en patología pancreática	July 2018	Máster en I+D de Medicamentos	Manuel Campos Toimil y Thiago de Melo Costa Pereira
Figueira Serantes, Sandra	Papel del AMP cíclico en los procesos fisiopatológicos tempranos de la pancreatitis y el cáncer de páncreas	July 2018	Máster en I+D de Medicamentos	Manuel Campos Toimil y María Luaces Regueira
Martínez dos Santos, Olalla	Actividad metabólica de las HepG2 con inhibición de las kinasas Mst3 y SOK1	July 2018	Máster en Investigación Biomédica	Juan Zalvide & Celia Pombo
Seoane Abelenda, Rocío	Regulación de la subunidad p85beta de la PI3K: Implicaciones para el virus y para la célula	July 2018	Máster en Investigación Biomédica	Carmen Rivas
Fraga Mediavilla, Iria	Papel de SUMO en la relación PML-PTEN	July 2018	Máster en Investigación Biomédica	Carmen Rivas
González Sieira, Silvia	Desenvolvemento de nanopartículas biodegradables para a liberación intracelular de proteínas en células tumorais	June 2018	Máster en I+D de Medicamentos	María Jose Alonso, José Crecente Campo
Fernández Varela, Carmen	Novos nanoantibióticos para combater as bacterias multirresistentes	June 2018	Máster en I+D de Medicamentos	María Jose Alonso, José Crecente Campo

c. TFG

Name	Title	Date	University	Directors
García Rodríguez, Naomi	Efecto de MCH sobre el metabolismo de la glucosa en un modelo de ratón con obesidad inducida por dieta	June 2018	Biology degree. USC	Sulay Tovar
Blanco Sánchez, Pablo	Expresión diferencial de miRNAs como marcadores de cardiotoxicidad subclínica en doentes con cáncer de mama	June 2018	Biology degree. USC	Sulay Tovar
Fernández Paz, Uxía	La estimulación farmacológica de p53 reduce el daño hepático en la esteatosis inducida por la dieta	June 2018	Biology degree. USC	Rubén Nogueiras
Novoa Deaño, Eva María	Regulación de niveles proteicos de p63 hepático por el estado nutricional.	June 2018	Biology degree. USC	Rubén Nogueiras
Blanco Sánchez, Pablo	Expresión diferencial de miARNs como marcadores de cardiotoxicidad subclínica en pacientes con cáncer de mama	July 2018	Biology degree. USC	Ricardo Lage, Isabel Moscoso
García Meléndez, María	Antagonistas de los receptores de Angiotensina II (ARA II) y su papel en la neurodegeneración	February 2018	Pharmacy degree. USC	Begoña Villar Cheda
Katoula, Ganna	Sistema Renina Angiotensina y Activación Microglial. Implicaciones en la enfermedad de Parkinson	June 2018	Medicine degree. USC	Ana Isabel Rodríguez Pérez
García Piñeiro, Sara	Tratamiento con L-DOPA en la enfermedad de Parkinson: ventajas, inconvenientes y perspectivas clínicas	June 2018	Nursery degree. USC	Ana M ^a Muñoz Patiño
Carramal Búa, Eloi	Empleo de células productoras de dopamina para el tratamiento de la enfermedad de Parkinson	June 2018	Nursery degree. USC	Ana M ^a Muñoz Patiño
Hermida Gómez, Yolanda	Efectos de la danza como terapia de ayuda en el tratamiento de la enfermedad de Parkinson	July 2018	Nursery degree. USC	M Carmen Díaz Ruiz
Rodríguez Mariño, María	Terapia celular en el tratamiento de la diabetes tipo 1	July 2018	Pharmacy degree. USC	Jannette Rodríguez Pallares
Martínez Barros, Hilario	Diferentes estrategias terapéuticas en la enfermedad de Parkinson	March 2018	Pharmacy degree. USC	Begoña Villar Cheda
Mosteiro García, Sergio	Modelos experimentales animales en el estudio de la Enfermedad de Parkinson.	July 2018	Pharmacy degree. USC	Ana Isabel Rodríguez Pérez



Bernárdez, Ismael	Aplicaciones terapéuticas de las células madre pluripotentes inducidas (iPS)	Septemb er 2018	Medicine degree. USC	Ana M ^a Muñoz Patiño
Pouso Diz, Jéssica Maria	Oftalmopatía tiroidea: opciones terapéuticas médicas actuales	may-18	Optics and Optometry USC	Francisco Gonzalez Garcia, Jose Manuel Abalo Lojo
Seongtaek, Seo	Marcadores bioquímicos (Anticuerpos Anti-receptores de TSH) en la Orbitopatía Tiroidea. Revision bibliográfica	may-18	Optics and Optometry USC	Francisco Gonzalez Garcia, Jose Manuel Abalo Lojo
Pereira Feijoo, Beatriz	Adecuación de la prescripción en relación a la función renal y con especial consideración al paciente anciano polimedcado	July 2018	Pharmacy degree. USC	María de los Ángeles (Marián) Castro Pérez
Rodríguez Iglesias, Pablo	Nanomedicinas en el tratamiento del cáncer	July 2018	Pharmacy degree. USC	Anxo Vidal
Noguer Fernández, Miguel	Los reguladores del ciclo celular como dianas terapéuticas en cáncer	July 2018	Pharmacy degree. USC	Anxo Vidal
Lado Fernández, Patricia	Efecto de la expresión de Sox2 en células tumorales	July 2018	Biology degree. USC	Manuel Collado, Anxo Vidal
Rodríguez Varela, Cristina	Análisis del efecto del gen RANK sobre reprogramación y senescencia	July 2018	Biology degree. USC	Manuel Collado, Anxo Vidal
Pérez Sela, Alejandro	Modificaciones químicas de los fármacos genéticos en uso clínico o en fases clínicas avanzadas: estructura, influencia en sus propiedades farmacéuticas y su formulación	February 2018	Pharmacy degree. USC	Marcos García Fuentes
Barreiro Gómez, Manuel	Utilización de heparina o moléculas homólogas para la liberación de factores de crecimiento	February 2019	Pharmacy degree. USC	Marcos García Fuentes
Lorenzo López, Moira	Nuevas estrategias antienterovirales basadas en la proteína 2C	September 2018	Pharmacy degree. USC	Marcos García Fuentes
López Cantorna, Ana	Papel de IL-6 nos procesos tumorais	July 2018	Biology degree. USC	José A. Costoya Puente
González Seoane, Erika María	Metabolismo del glioblastoma	July 2018	Biology degree. USC	José A. Costoya Puente, Cristina Iglesias García

Castañón García- Boente	Generación de un mutante de Yen1 carente de un bucle insertado en el dominio nucleásico XPG-N	Sept emb er 2018	Biology degree. USC	Miguel González Blanco
Amboage García, Sandra	Hipertensión como factor de risco na enfermidade de Alzheimer	July 2018	Pharmac y degree. USC	Dolores Viña
Couce Iglesias, Marta	Enfermedades de Alzheimer y Parkinson: situación actual y potencial de los derivados de cumarina para su tratamiento.	July 2018	Pharmac y degree. USC	Dolores Viña
Fontaiñas Lastra, María Cristal	Medicamentos oftalmolóxicos máis usados: efectos adversos e datos de interese para o optometrista.	Sept emb er 2018	Optics and Optome try USC	Dolores Viña
Garrido López, Sara	Interés de los fármacos inhibidores del factor de crecimiento del endotelio vascular en las patologías oculares	July 2018	Optics and Optome try USC	Dolores Viña
Otero Raña, Cristina	Uso racional del medicamento: Prescripción prudente	July 2018	Pharmac y degree. USC	Manuel Campos Toimil
Martínez Luque, Natalia	Nuevos enfoques terapéuticos en la fibromialgia	July 2018	Pharmac y degree. USC	Manuel Campos Toimil
Parajó Pazos, Noelia	Implicaciones de la señalización intracelular activada por AMP cíclico en los estadios tempranos del adenocarcinoma ductal de páncreas	July 2018	Pharmac y degree. USC	Manuel Campos Toimil
Vázquez Mera, Sara	Efectos de SOK1 en la regulación de la gluconeogénesis hepática	July 2018	Biology degree. USC	Juan Zalvide & Celia Pombo
Fernánde z Rodríguez , Tania	Efectos de Mst3 en la regulación de la gluconeogénesis hepática	July 2018	Biology degree. USC	Celia Pombo
Fernánde z Suárez, Laura	Estudo da regulación de p85b por Trim21 e o seu papel na infección por Influenza A	July 2018	Biology degree. USC	Carmen Rivas
Pérez Castro, Silvia	Estudio de la interacción entre USP7 y la proteína LANA2 del virus	July 2018	Biology degree. USC	Carmen Rivas

d. Conferences

Nobel Prize Inspiration Initiative

Title	Speaker	Speaker information	Date
<i>How to be a Creative Scientist</i>	May-Britt Moser	Nobel Prize in Physiology 2014	27/09/2018



I CiMUS Annual Workshop

In 2018 we organized our first annual Workshop with the participation of the entire center. There, we hold several oral presentations, posters and a lecture from the keynote speaker Isabel Fariñas



Frontiers in Science

Title	Speaker	Speaker information	Date
FRONTIERS IN SCIENCE: GI DEVICE DEVELOPMENT IN A FEW MOVEMENTS	Dr. Giovanni Traverso	Assistant Professor of Medicine, Division of Gastroenterology, Brigham and Women's Hospital - Harvard Medical School. Research Affiliate at Koch Institute & Dept. of Chemical Engineering, Massachusetts Institute of Technology (USA)	23/01/2018
FRONTIERS IN SCIENCE: UNDERSTANDING AND OVERCOMING BIOLOGICAL BARRIERS FOR DRUG DELIVERY	Samir Mitragotri	John A. Paulson School of Engineering and Applied Sciences (SEAS) - Harvard University (USA)	30/05/2018

CiMUS Seminars series

Title	Speaker	Speaker information	Date
REPURPOSING CICLOPIROX AS A PHARMACOLOGICAL CHAPERONE FOR THE TREATMENT OF CONGENITAL ERYTHROPOIETIC PORPHYRIA	Óscar Millet	CIC-BioGUNE, Bilbao	11/01/2018
EBOLA VIRUS IMMUNOLOGY, THEN AND NOW	César Muñoz Fontela	Bernhard Nocht Institute for Tropical Medicine, Hamburgo, Alemania.	08/02/2018
DNA REPAIR NUCLEASES: PUTTING CHROMOSOMES THROUGH THE SHREDDER	Joao Matos	Institute of Biochemistry. ETH, Zürich	23/02/2018
CIMUS SEMINAR: "MICROGLIA REGULATES COGNITIVE ADAPTATION: THE ROLE OF THE NUCLEAR GAPDH CASCADE"	Adriana Ramos Amigo	John Hopkins University, USA	22/03/2018
CIMUS SEMINAR: "ROLES OF EUKARYOTIC INITIATION FACTOR 5A2 IN LUNG CANCER"	Rosa Farrás	Centro de Investigación Príncipe Felipe (Valencia)	26/04/2018
CIMUS SEMINAR: "ENVIRONMENTAL FACTORS THAT AFFECT THE DEVELOPMENT OF	Olga Valverde Granados	Universidad Pompeu Fabra (Barcelona)	04/05/2018



SUBSTANCE DRUG DISORDERS"			
CiMUS Seminar: "OUT OF EQUILIBRIUM SELF-ASSEMBLY PATHWAYS: FROM FUNCTIONAL ARCHITECTURES FOR GENE DELIVERY TO MICROFLUIDIC MANIPULATION OF SOFT MATERIAL"	Bruno Silva	INL - International Iberian Nanotechnology Laboratory (Braga, Portugal)	16/02/2018
3D IMAGING AFTER CLEARING: THEORY AND APPLICATIONS	Paolo Giacobini	Jean-Pierre Aubert Research Center, Laboratory of Development and Plasticity of the Neuroendocrine Brain, Inserm U1172, University of Lille (France)	05/07/2018
PROTEIN AGGREGATION AS A NON-GENETIC CONVERGENCE POINTS AND BIOMARKER FOR SCHIZOPHRENIA AND DEPRESSION	Carsten Korth	University of Duesseldorf	19/07/2018
Programming Hematopoiesis and Immunity	Filipe Pereira	(Lund University, Sweden and Coimbra University, Portugal)	20/09/2018
Molecular Control of Stem Cell and Developmental Potency	Jianlong Wang	Icahn School of Medicine at Mount Sinai/Black Family Stem Cell Institute	24/09/2018
Chronic Wasting Disease (mad deer disease"): The American experience"	Christopher J. Silva, Ph.D.	United States Department of Agriculture, Western Regional Research Center, Albany, California (USA)	22/10/2018
"CPEB4: un nuevo regulador de la expresión génica en autismo"	Dr. José Lucas	(Centro de Biología Molecular Severo Ochoa - Madrid)	22/11/2018

Happy Fridays

Title	Speaker	Speaker information	Date
Design and Delivery Aspects of RNAi	Shubaash Anthiya	Nanobiofar group, CIMUS	26/10/2018
Novel insights into the role of L1 elements in oncogenesis	Bernardo Rodríguez Martín	Mobile Genomes & Disease Group	23/11/2018

"Deciphering the impact of retrotransposition in the evolution of transmissible cancer"	Martín Santamarina García	Genomes & Disease (P1L9), CiMUS	14/12/2018
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Lectures

Title	Speaker	Speaker information	Date
NOVEL APPROACHES TO TREAT OBESITY AND DIABETES	Dr. Timo Müller	Institut for Diabetes and Obesity, Helmholtz Center, Munich	12/01/2018
II XORNADAS BIOMEDICINA: MÁIS ALÁ DO LABORATORIO - "PROPIEDADE INDUSTRIAL E TRANSFERENCIA DE TECNOLOXÍA EN BIOMEDICINA: ¿QUÉ NECESITO SABER?"	Montserrat Camiña Tato	Área de Valorización, Transferencia e Emprendemento - USC	15/01/2018
II XORNADAS BIOMEDICINA: MÁIS ALÁ DO LABORATORIO - "USO DE MUESTRAS HUMANAS EN INVESTIGACIÓN: CONSIDERACIONES Y ASPECTOS PRÁCTICOS"	Lydia Fraga	Gestora del Biobanco CHUS-IDIS	24/01/2018
SOMATIC INDUCTION OF BIOLUMINESCENT TUMOURS IN MICE	Esther Rodríguez	Doctora en Biología Molecular y Biomedicina por la Universidad Autónoma de Madrid	08/03/2018
SUPRAMOLECULAR CHEMISTRY FOR CHEMICAL AND SYNTHETIC BIOLOGY (PENETRATING PEPTIDES AND CYTOSKELETON MIMICS	Javier Montenegro	CiQUS	20/04/2018
LAS CONVOCATORIAS DE ACTIVIDADES DE INVESTIGACIÓN VISTAS DESDE DENTRO	Victoria Ley Vega de Seoane	Jefa de la División de Evaluación, Coordinación y Seguimiento Científico y Técnico de la Agencia Estatal de Investigación	23/04/2018
LIQUID BIOPSY IN ONCOLOGY: FROM THE LAB TO THE SOCIETY	Laura Muineló	ONCOMET - IDIS	03/05/2018
TRANSMISSIBLE CANCERS	Michael Metzger	Pacific Northwest Research Institute (Seattle, USA)	16/05/2018
DEVELOPMENT OF VACCINES AGAINST PREVALENT HUMAN DISEASES	Mariano Esteban Rodríguez	Centro Nacional de Biotecnología, CSIC	22/05/2018



TRANSLATIONAL PHARMACOLOGY: NOVEL MECHANISMS AND THERAPEUTIC OPPORTUNITIES OF THE "OLD" SECOND MESSENGER CYCLIC AMP	Dr. Martina Schmidt	University of Groningen (Países Bajos)	24/05/2018
FROM TUMOR SUPPRESSION TO TUMOR PROMOTION: HOW DO WE DEAL WITH MULTITASKING SENESCENT CELLS?	Marco Demaria	European Research Institute for the Biology of Ageing (ERIBA), University of Groningen	07/06/2018
OPORTUNIDADES DE FINANCIAMENTO NO HORIZONTE 2020	Rogelio Conde-Pumpido, Martín Cacheiro y Susana Fernández López	OIT- USC	19/06/2018
CALORIC RESTRICTION (CR) & CR MIMETICS DELAY AGEING AND AGEING RELATED DISORDERS	Claudia Cavadas	Center of Neuroscience and Cell Biology (CNB) and Faculty of Pharmacy - University of Coimbra	19/06/2018
ESTUDIOS SOBRE DEPRESIÓN: DEL LABORATORIO A LA CLÍNICA Y DE NUEVO AL LABORATORIO	Héctor J. Caruncho	University of Victoria (Canada)	18/07/2018
LA BIOLOGÍA DE LA PROTOMOSIMA α	Manuel Freire Rama	Universidade de Santiago de Compostela	18/07/2018
Unravelling a role for the NAD⁺-dependent deacetylase Sirtuin 2 in metabolic regulation	Pedro Gomes PhD	Center for Neuroscience and Cell Biology (CNC), University of Coimbra and Faculty of Medicine, University of Porto	20/07/2018
Multifunctional polymeric nanoparticles for cancer treatment	Fabiana Quaglia	Associate Professor of Pharmaceutical Technology at the Faculty of Pharmacy – University of Napoli Federico II, Italy	30/07/2018
Inmunotherapy and nanomedicine. Translational research for autoimmune diseases	Marta Vives-Pi	Institut d'Investigació Germans Trias i Pujol (IGTP). Universitat Autònoma de Barcelona	
A review of regulatory considerations for monoclonal antibodies to be used as human medicinal products	M ^{re} Isabel Payá González	Responsible for Regulatory Compliance in Lonza Biologics, Porriño (Pontevedra)	21/09/2018
LRH-1/NR5A2 activation promotes a cross talk between immune and islet cells reversing type 1 diabetes mellitus	Benoit Gauthier	Dept Cell Regeneration & Advanced Therapies, Centro Andaluz de Biología Molecular & Medicina Regenerativa	01/10/2018
Metabolic adaptation as a defence strategy against infection	Miguel Parreira Soares	Instituto Gulbenkian de Ciência (Portugal)	11/10/2018

Colorectal cancer: from immune modulation to metastatic signalling pathways	Klaus-Peter Janssen	Technische Universität München, TUM. Clinic and Polyclinic for Surgery (Alemania)	16/10/2018
Resistencia a antibióticos, una visión One Health	Itziar Alkorta	(University of the Basque Country)	24/10/2018
Cáncer de Tiroides: de la Epidemiología a la Medicina de Precisión	Prof. Laura Fugazzola.	Istituto Auxologico Italiano IRCCS & University of Milan (Italia)	16/11/2018
Influenza virus-host interactions'	Dr. Adolfo García-Sastre	Icahn School of Medicine at Mount Sinai - New York	21/11/2018
Business of Innovation in Healthcare'	Dr. Parth Chakrabarti	(Global Head of Business Development- Immunology at Sanofi Genzyme. Boston, USA)	22/11/2018
'Regulation of food intake in fish: an evolutive perspective'	José Luis Soengas	(Facultade de Bioloxía and Centro de Investigación Mariña, Universidade de Vigo)	13/12/2018

Fundación Dr Antoni Esteve

Title	Speaker	Speaker information	Date
Course: "Developing skills in scientific writing"	John Giba / Anna Alguersuari	Fundación Dr Antoni Esteve	25-26/09/2018
Course: "How to improve your scientific presentations"	Brian McCarthy / Peter Cory	Fundación Dr Antoni Esteve	27-28/09/2018

PhD Programe Conferences

Title	Speaker	Speaker information	Date
Máis aló do laboratorio: "Lexislación en experimentación animal"	Anxo Vidal	Director científico do CEBEGA	30/10/2018
Máis aló do laboratorio: "Propiedade industrial e transferencia de tecnoloxía"	Monsterrat Camiña	Área de Valorización, Transferencia e Emprendemento - USC	05/11/2018
Máis aló do laboratorio: "Biobancos"	Lydia Fraga	Xestora do Biobanco CHUS-IDIS	15/11/2018



Biostatistics, biostatisticians, and their environment'	Geert Molenberghs	(Interuniversity Institute for Biostatistics and Statistical Bioinformatics (I-BioStat) - KU Leuven). Universiteit Hasslt, CenStat	26/11/2018
Máis aló do laboratorio: "Lexislación en experimentación en humanos"	Rosendo Bugarín e Paula López	Comité Autonómico de Ética da Investigación de Galicia. Consellería de Sanidade	29/11/2018
MESA REDONDA: "¿Y ahora qué? La carrera profesional más allá de la Tesis"	Pilar Calvo Salve, Eva Candal Suárez, Sonia Martínez Arca y María Pardo Pérez.		03/12/2018
Máis aló do laboratorio: "A carreira académica despois da tese"	Rogelio Conde-Pumpido	Oficina de Investigación e Tecnoloxía	04/12/2018
Máis aló do laboratorio: "Traballo en empresa de biotecnoloxía"	Pablo Garrido	SunRock Biotech	13/12/2018
Máis aló do laboratorio: Workshop "Comunicación científica para investigadores"	Manuel Vicente	Director e presentador de Efervescencia	20/12/2018

Workshop

Title	Organizers	Date
Patterns of Membrane Protein Clustering (MPC) as a biomarker of mental disorder	BIOFARMA	04/09/2018

Technical Seminars

Title	Speaker	Speaker information	Date
EXTRACTMAN-GILSON	Isabel Vicente Martín	Sales Support Specialist Gilson	16/01/2018
ULTRA HIGH FREQUENCY FOR SMALL ANIMALS IMAGING	Philippe Davault	Sales Manager Europe South de FUJIFILM Visual Sonics Inc.	01/02/2018
LIGHT SHEET & CLEARING TECHNOLOGY. AN OVERVIEW OF THIS TECHNIC FOR IMAGING AT MESOSCOPIC SCALE	Christian Feuillet	Lavision Biotec	27/02/2018
X-CLARITY™ TISSUE CLEARING SYSTEM FOR 3D ANALYSIS	Nuria Matas	Isogen Life Science B.V.	28/02/2018

SEMINARIO AF2000 MULTIFLOW FFF SYSTEM FOR ADVANCED CHARACTERIZATION OF PROTEINS, BIOPOLYMERS AND NANOPARTICLES		General Theory - Postnova Analytics GmbH	15/03/2018
THE GEL-FREE, BLOT-FREE, HANDS-FREE SIMPLE WESTERN IS HERE CHARACTERIZATION OF PROTEINS, BIOPOLYMERS AND NANOPARTICLES	Sebastien Guibert	Bio-techne	26/04/2018
ACTIVATE SCIENCE FISHER: Herramientas y técnicas para el cultivo celular en 3D	Jesús Sanjuan	Corning BV Life Sciences	08/06/2018
ACTIVATE SCIENCE FISHER: CRISPR/Cas9 Genome Editing: Get started with CRISPR and boost your CRISPR efficiency	Christoph Hoefer	Senior Business Development Manager, Life Science Solutions. Thermo Fisher Scientific	08/06/2018
CytoFLEX	Dra Claudia Radu	Beckman Coulter	12/06/2018
Técnicas de Manejo de Sistemas de Pipeteo	Isabel Vicente Martin y Mauricio Ortiz Cantor	Gilson International BV.	19/09/2018
Características y beneficios del sistema CFX384 de PCR en Tiempo Real		BioRad y Celta Ingenieros	29/10/2018
Los últimos avances en microscopia aplicada a Biología: FIND the Missing link. DMi8 S. The Latest Live Cell Imaging Solution y THUNDER - Decode 3D Biology in real time: the next level of Widefield Imaging.	Francisco Porto, FST Specialist Leica Microsystems	Leica microsystems	30/10/2018
EVOS Cell Imaging System		ThermoFisher	20/11/2018

e. Other activities

- ✓ **PINT OF SCIENCE:** International event which was organized for its fourth edition in Santiago de Compostela 2018, 14th-16th May. Sulay Tovar was the chair of the organizing committee, and Marcos Fernández, M^a Jesús González and Nerea Dávila, PhD Students at CiMUS, were also members.



- ✓ **Regueifas da Ciencia:** They organize scientific debates about controversial issues with the involvement of the public society. Miguel González Blanco, Sulay Tovar and Anxo Vidal are part of the organizing committee.



- ✓ **VI BioSpeedDating Day:** Organized by Bioga at CiMUS on May 3rd 2018



6. ACTIVITY

a. Trasference to Society

1. **CIENCIA SINGULAR 2018: OPEN DOORS DAY-10/11/2018** This year the Campus Vida Research Centers Network celebrated the second edition where our doors were opened to the society to show them whom we area and what research lines we work at. It was a total success for second year in a row. Over 185 people visited the CiMUS, kids and adults. This event was sponsored by Consellería de Educación, Xunta de Galicia.



- 2. Feira de innovación USC-Abanca:** CiMUS participated in this joint initiative between USC and Abanca, adressed to high-school students, undergraduates and recently graduates. During two days, several CiMUS researchers from different levels (PIs, Postdoctoral, etc) presented talks, workshops and showcase their science.



- 3. CiMUS introduction to the educative comunity:** 177 students from different centers have visited the CiMUS: IES Xelmirez II (Santiago de Compostela), IES Auga da Laxe (Gondomar) Colexio San José de Cluny (Santiago de Compostela), IES Fontexeria (Muros), IES Eduardo Pondal (Santiago de Compostela), IES Eduardo Pondal (Santiago de Compostela), Colexio Santa Apolonia (Santiago de Compostela). This latter is an institute with a more oriented technology profile.



- The president of CSIC, Rosa M^a Menéndez López, visited CiMUS and CiQUS to take a deep insight of the centers, as part of her attendance to the Governing Committee Meeting.



- Furthermore, we received visits from different regional government authorities such as Román Rodríguez González, former *Conselleiro de Educación, Universidades e Cultura*, and Carmen Pomar, the current *Conselleira de Educación, Universidades y Formación Profesional*.

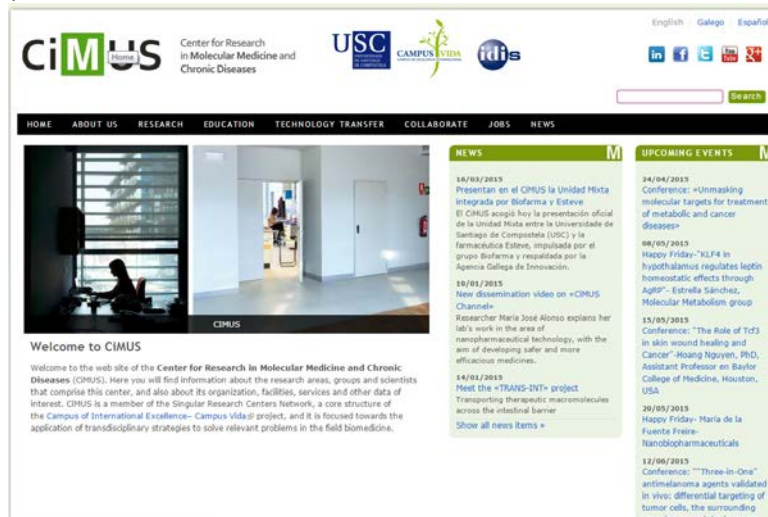


4. **CiMUS visit for local government:** The Mayor of Santiago de Compostela visited the 3 Singular Research Centers and CEBEGA at the end of July of 2018



c. **Web page and Social Media:**

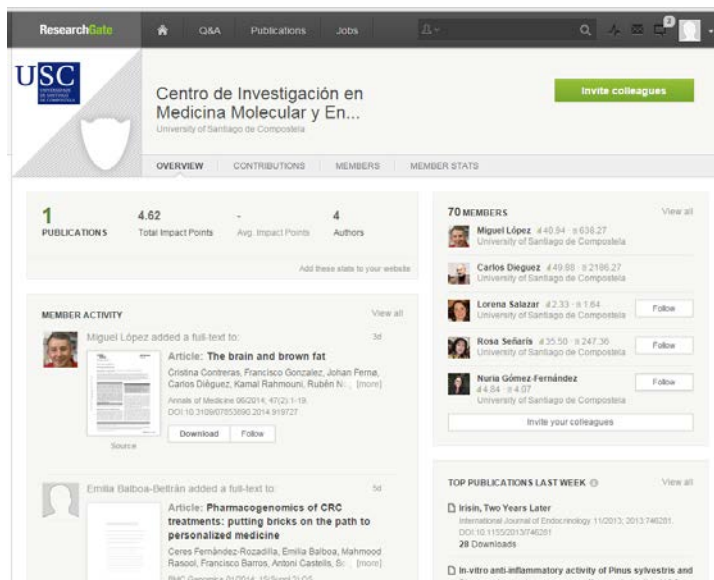
1. **Web page:** We are increasing the contents of CiMUS web page to maintain updated it with the activities of the center (<http://www.usc.es/cimus/>). 2018 was a year with a high increase in the visits, reaching 89456 visits within the year.



2. Facebook profile, (<https://www.facebook.com/CIMUS.USC>) is the most visited profile of the center with over 849 followers



3. Researchgate: The CiMUS profile continues to increase the number of CiMUS researchers who join the active platform-profile. At the end of the year we have more than 130 active profiles.

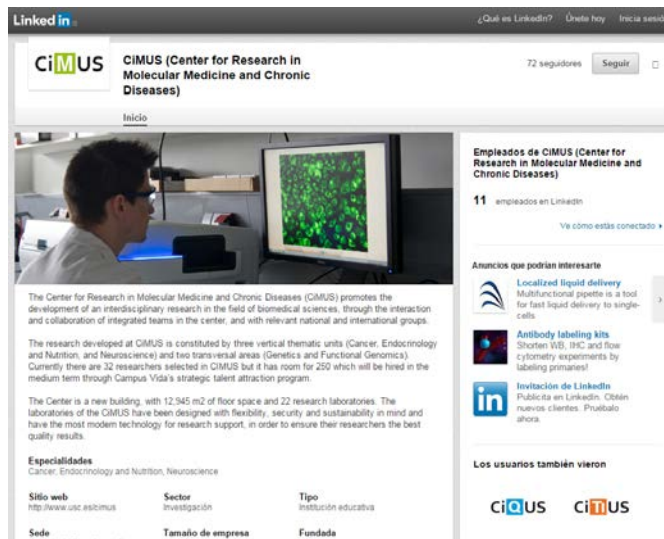


4. **Twitter:** Active since middle 2014, At the end of the 2018 had over 698 followers. <https://twitter.com/cimususc>



5. **LinkedIn:** At the same time than twitter, we started to run the CiMUS LinkedIn profile, a network with a profesional profile orientation. Regardless this specificity, in 2018 we reach 570 followers.

<https://es.linkedin.com/company/cimus>



6. **Youtube chanel:** This chanel was created to be a multimedia tool to present the groups of the center with video. In 2015 we launched the 2nd video, «Nanopharmaceutical Technology: towards safer and more efficacious medicines». The chanel got over 2650 views, and 35 followers.
<https://www.youtube.com/user/cimususc>





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CiMUS

Centro Singular de Investigación
en **Medicina Molecular** e
Enfermedades Crónicas

