

CiMUS

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

Scientific Report
2015

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Executive Summary

EXECUTIVE SUMMARY

1. SCIENTIFIC ACTIVITY

a. Human resources and talent recruitment:

In 2015 the CiMUS has incorporated 2 researchers from competitive calls:

- ✓ **Sulay Tovar:** Researcher Ramon y Cajal Program
- ✓ **José Luis Pardo:** Researcher Human Frontier Science Program
- Postdocs: 5 people were incorporated as postdoctoral fellows. Marta Tojo Castro joined the Molecular Metabolism group with a Postdoc Contract from Xunta de Galicia. Matilde Durán Lobato (Nanobiofar), Inés Ardao Palacios (Biofarma), Olalla Maroñas Amigo (IGenomic Medicine) are postdoctoral contracts in 2015 and Ana Latorre Pellicer (Genomic Medicine) began as associated research .
- Predocs and master students: As usual they are the biggest part of the CiMUS staff. At present they are more than 100. In 2015, 17 new predocs started their thesis project at CiMUS. Some of the predocs who work at the center come from other countries like Italy, Portugal, Swaziland, Egipt, France, India, Azerbaijan, Bangladesh, Turkmenistan, Pakistan, Ucranie, China, Taiwan, China, and Serbia.

b. Financial resources:

- **International Projects:** As previous years the principal economic source was EU competitive programs, among other international projects. In 2015, twenty five of those projects were under development at the CiMUS representing 52,7% of the budget. In the case of new funding, this kind of projects represented the 58,4% of the total amount. There are several projects originating from the EU Frame Program or Horizon2020 as shown below:

- ✓ **NANO PILOT-** María José Alonso
- ✓ **OPENPHACTS** - Mabel Loza
- ✓ **B-CAST** - Ángel Carracedo
- ✓ **IN-SENS** – Jesús R. Requena
- ✓ **NABBA-** María José Alonso
- ✓ **EUROFORGEN-NoE** - Ángel Carracedo
- ✓ **ObERStress** – Miguel López



- ✓ **NanoFar-** María José Alonso
- ✓ **TRANS-INT-** María José Alonso; Carlos Diéguez
- ✓ **OBESITY53** – Rubén Nogueiras
- ✓ **PanCanRisk** - Ángel Carracedo
- ✓ **HELIX** - Ángel Carracedo
- ✓ **NEUROFAST** - Carlos Diéguez

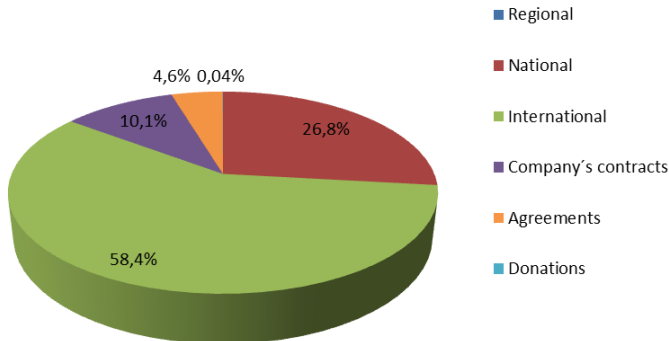
In addition we have the **Innopharma** program, a collaborative project with the leadership of two CiMUS PIs: Mabel Loza and Ángel Carracedo, with a whole budget of 10 Million € and which continues its development at the center.

- **National Projects:** In 2015, 17 new projects started at CiMUS, from National agencies, which together with other ongoing projects make up a total of 30 active projects. They represent the 17,4 % of the total budget.
- **Regional Projects:** There were no conventional new projects from the regional government this year, but we have 17 still active from previous years. They represents the 13,1% of the CiMUS budget.

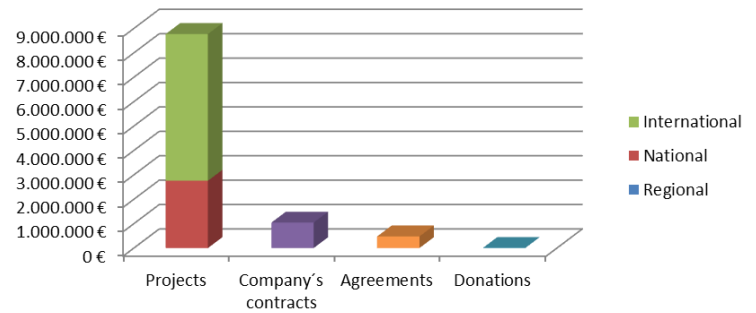
Nevertheless it is worth to highlight the funding from the Xunta de Galicia of the of the Biofarma-Esteve Joint Unit . In addition to quite relevant financial resources, coming from both the Xunta de Galicia and Laboratorios Esteve, the most important aspect is that allow us to have a join venture operating in the CiMUS between one of our Groups and one of the major Spanish pharmaceutical companie. The objective of this unit is the search and development of drugs to treat chronic pain. The total amount was 2,34 M€.

- **Contracts, agreements and donations:** They were the 16,8% of the budget of the CiMUS in 2015.

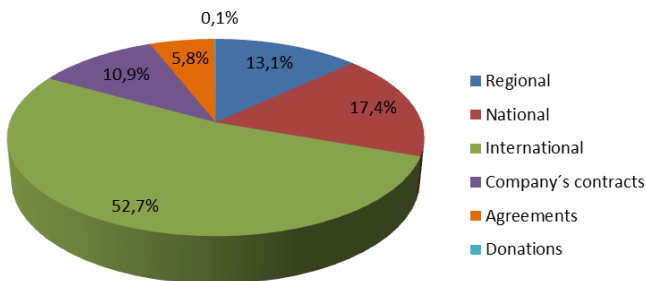
New funding 2015



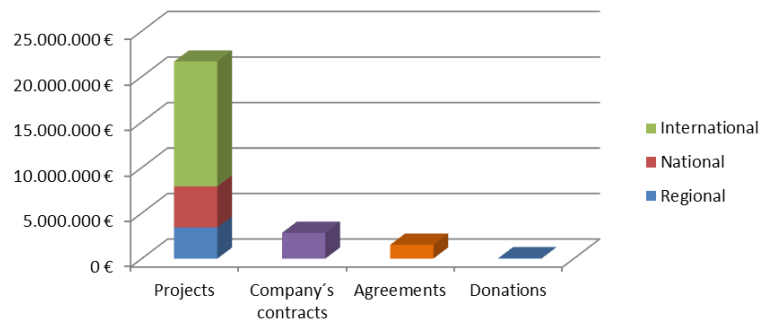
New funding 2015



Active 2015



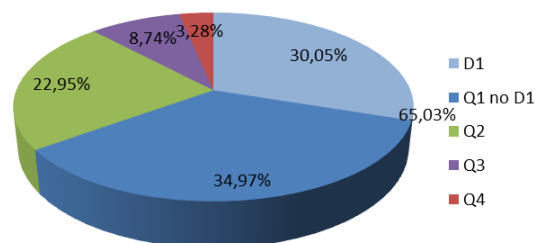
Active 2015



c. Scientific Production and excellence research:

- Scientific publications:** In 2015 183 papers were published by the groups. Most of them, 65,03%, were published at journals that belongs to the Q1, and inside of this quartile, the 30,05% are at first decile.

Publications 2015



All the papers got an IF accumulated of 921,16, with an IF average of 5,034.

A relevant number, 14%, were collaborations between CiMUS groups, which by itself it's a bit lower than previous years, but it's because of 11 collaborative papers



involved more than 2 groups: 9 papers were published by 3 groups and 2 by 4 groups

In the other hand 36% were published in collaboration with international groups.

- **PhD Thesis:** 18 Thesis were defended by predocs that were under the supervision of the CiMUS PI
- **Stays:** The CiMUS received 33 researchers from different groups outside the University in order to develop projects or collaborations with our groups. Most of them came from foreign countries like Brazil, Portugal, United Kingdom, Colombia, Czech Republic, México, Tunisia, Italy or Uruguay .

In the other hand, 11 CiMUS researchers travelled to other institutions to develop part of their projects there, in countries like Germany, France, Belgium, Portugal or United Kingdom.

- **International collaborations:** 66 of the scientific publications were a collaborative work with international groups, which represents the 36 % of the papers.
- **Technology transfer**
 - **Patents:** 3 new applications were presented from CiMUS groups and 3 of the previous applications were registered. Also 2 previous patents are under exploitation.
 - **Spin-Offs: Biostatech,** created in 2012, from Carmen Cadarso group, is still at the CiMUS

2. CONFERENCES AND SEMINARS

a. Congress organization and international workshops:

- **"II CIMUS-CIQUS meeting. Drug discovery and development research".** 11th of June 2015. At this event, different groups of both centres presented their work. The aim of this workshop is to increase the collaboration among both centres
- **CiMUS Innopharma Open Innovation Day: "Public Private Partnership (PPP) in early drug discovery"** 18th of February 2015
- **ICSA (International Cell Senescence Association) Conference "Cell Senescence: From Physiology to Pathology"** Santiago de Compostela, July 19-22 2015. Anxo Vidal was in the organization committee.

- **International Young Investigator Meeting:** A Coruña (Spain) 29th of December 2015, the PI Miguel González Blanco and Anxo Vidal were in the organization committee.
- **III Reunión Científica da Rede de Animais Transxénicos de Galicia:** 21st of October 2015, Santiago de Compostela. José Antonio Costoya was the chair of the organization committee.
- **Congreso de las enfermedades cardiovasculares, SEC:** 22nd-24th of October 2015. Bilbao(Spain). José Ramón González Juanatey was in the organization committee.
- **III BioSpeedDating Day:** Organized by Bioga at CiMUS on 22th of July 2015
- **PINT OF SCIENCE:** International event which was organized for first time in Santiago de Compostela IN 2015 18th-20th May. Sulay Tovar was the chair of the organization committee, and Miguel González Blanco and Anxo Vidal were in this committee, also.

b. Seminars:

40 seminars were hold at the CiMUS. There are four different categories in these seminars:

- **Frontiers in Science:** In this program the CiMUS invite n international researcher who is a reference in his field for presents a talk. This year was Pura Muñóz-Canoves from ICREA, Universitat Pompeu Fabra
- **CiMUS Update:** During 2015 7 CiMUS PIs presented their research lines. These were: Fernando Domínguez, Ángel García, Anxo Vidal, Miguel López, Marian Castro, Carmen Rivas and Rosa Señarís.
- **Happy Fridays:** The recent postdocs and last year predocs presented their work. A total of 12 talks were presented this year.
- **Seminars:** The speakers are national and internationals scientist. There were 20 seminars in 2015.

3. DISCLOSURE AND COMMUNICATION

a. Web page and Social Media:

- **Web page:** We are increasing the contents of CiMUS web page to mantain updated it with the activities of the centre (<http://www.usc.es/cimus/>). 2015 was a year with a high increase in the visits, a 340%, an important milestone to this tool.



- Facebook profile, (<https://www.facebook.com/CIMUS.USC>) is the most visited profile of the centre with 348 likes at the end of the year, almost the double than the previous year.
 - 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 85 active profiles.
 - **Twitter:** Active since middle 2014, At the end of the 2015 had 122 followers. <https://twitter.com/cimususc>
 - **Linkedin:** At the same time than twitter, we started to run the CiMUS LinkedIn profile, a network with a professional profile orientation. Regardless this specificity, in 2015 we reach 137 followers. <https://es.linkedin.com/company/cimus>
 - **Youtube chanel:** This channel was created to be a multimedia tool to present the groups of the centre via video. In 2015 we launched the 2nd video, «Nanopharmaceutical Technology: towards safer and more efficacious medicines». With those videos the channel got 1086 views, and 29 followers. <https://www.youtube.com/user/cimususc>
- b. **CiMUS presentation to educative comunity:** Students from high school, IES Marco do Camballón (Vila de Cruces) as well as an institute with a more oriented technology profile, FESAN, visited the centre to know the CiMUS labs and platforms.
- UniStem Day: international event focused in the stem cells and directed to the high school students of all Europe.
- c. **CiMUS Presentation to the international community:** An Iran delegation from the Tehran University of Medical Sciences visits the centre and made different presentations and networking meetings with some CiMUS researchers.
- d. **CiMUS as a hub in which different companies presented their new products**
- ✓ Fisher Scientific-ACTIVATE SCIENCE (1ST Time in Spain)-20th May
 - ✓ Sigma- Cellular Culture Seminars-8th July
 - ✓ Sarstedt workshop-30th June
 - ✓ GE Healthcare Protein Purification Seminar -16th April
 - ✓ GE Healthcare- Amersham™ WB system- 11th June

Scientific Report 2015

1. CENTER

a. GROUPS AND AREAS

The groups and areas remains as the same as the last year:

CANCER	
Anxo Vidal Figueroa	Cell Cycle and Oncology http://www.usc.es/cimus/en/research/research-groups/cell-cycle-and-oncology-group-ciclon
Clara Álvarez Villamarín	Neoplasia and Endocrine Differentiation http://www.usc.es/cimus/en/research/research-groups/neoplasia-and-differentiation-endocrine-cells
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
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
ENDOCRINOLOGY AND NUTRITION	
Carlos Diéguez González	Functional Obesomic & Molecular Metabolism http://www.usc.es/cimus/en/research/research-groups/functional-obesomics-and-molecular-metabolism
Miguel A. López Pérez	NeurObesity http://www.usc.es/cimus/en/research/research-groups/neuroobesity
José Joaquín Lado Abeal	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
Rosa M^a Señarís Rodríguez	Neuroendocrinology http://www.usc.es/cimus/en/research/research-groups/neuroendocrinology-energy-homeostasis-metabolism-and-cancer
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
Antonio Canedo Lamas	Systems Electrophysiology http://www.usc.es/cimus/en/research/research-groups/vivo-electrophysiology-sensorimotor-systems
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 AND EXPERIMENTAL THERAPIES	
M^a Isabel Loza García	Biofarma http://www.usc.es/cimus/en/research/research-groups/pharmacology-applied-drug-discovery
M. José Alonso Fernández	Nanobiopharmaceuticals http://www.usc.es/cimus/en/research/research-groups/nanobiofar-cimus-nanomedicine-and-drug-delivery
GENETICS AND FUNTIONAL GENOMIC	
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
BIostatISTICS PLATFORM	
Carmen M^a Cadarso Suárez	Biostatistics http://www.usc.es/cimus/en/research/research-groups/biostatistics

b. TALENT CAPTATION

In 2015 the CiMUS has incorporated 2 researchers from competitive calls:

- ✓ **Sulay Tovar:** Researcher Ramon Y Cajal Program
- ✓ **José Luis Pardo:** Researcher Human Frontier Science Program

c. NETWORKS

In 2015 the Biofarma group (IP Mabel Loza) is leading a new national network:

RED ESPAÑOLA DE DESCUBRIMIENTO DE FÁRMACOS (Funding by Ministerio de Economía y Competitividad, Redes de Excelencia program)

ADIPOPLAST: In the same call 2 CiMUS groups joins another new national network: NeurObesity (IP Miguel López) and UETEM PI(David Araujo)

CIBEROBN: in June, Carlos Diéguez (CiMUS Scientific Director and IP from Funtional Obesomics group) becomes Scientific Director of this network

4 Groups from CiMUS are leading 4 autonomic networks:

- **REGID:** Rede Galega de Investigación e Desenvolvemento de Medicamentos-IP coordinator: Mabel Loza
- **REDICENT:** Red de investigación en células madre y terapia celular- IP coordinator: Clara V. Álvarez
- **RATGA:** Rede de Animais Transxénicos de Galicia- IP coordinator: Jose Antonio Costoya
- **INBIOEST:** Novas ferramentas estatísticas e computacionais aplicadas á investigación en Saúde, Deporte e Medio Ambiente.-IP coordinator: Carmen Cadarso

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

- National:
 - **CIBERs:**



- **CiberObn**: Carlos Diéguez, Miguel López; Rubén Nogueiras
<http://www.ciberobn.es/>
- **CiberER**: Ángel Carracedo <http://www.ciberer.es/index.php>
- **CiberNED**: Jose Luis Labandeira-García <http://www.ciberned.es/>
- **Ciberbbn**: María José Alonso <http://www.ciber-bbn.es/es>

➤ **RETICs**

- **TERCEL**: José Luis Labandeira-García: <http://www.red-tercel.com/>
- **RECAVA**: Angel Carracedo e Jose Ramón González-Juanatey
<http://www.recava.com/>
- **REDINSCOR**: Jose Ramón González-Juanatey
<http://www.eulate.net/redinscor2/>
- **COMBIOMED**: M^aIsabel Loza <http://combiomed.isciii.es/>

➤ Other networks:

- **BIOSTATNET** (Biostatistics National Network): Carmen Cadarso
<http://eio.usc.es/pub/biostatnet/>
- **Math-in** (Math-Industry Spanish Network): Carmen Cadarso
<http://www.math-in.net/>
- **REMOA** (Spanish Advanced Optical Microscopy Network):
Marian Castro

• 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/>

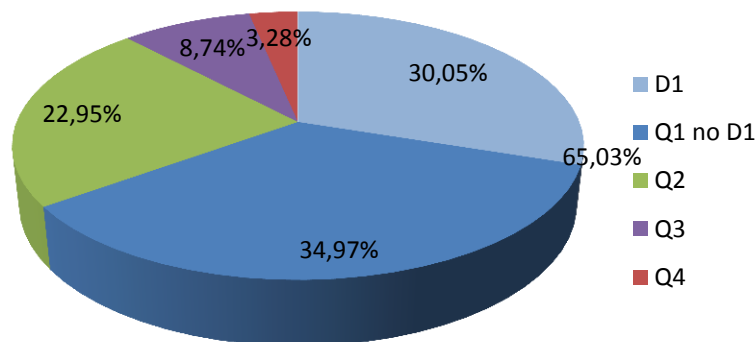


2. SCIENTIFIC PRODUCTION

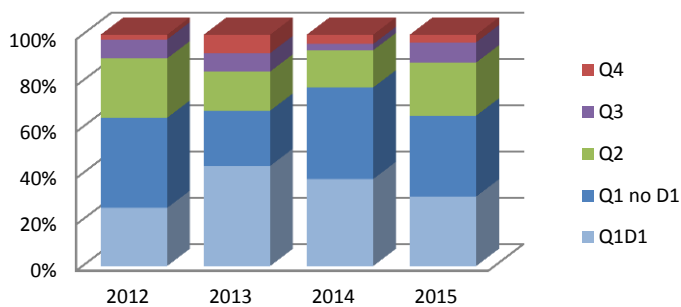
a. Papers

	2012	2013	2014	2015
Nº	195	201	149	183
IF	1102,296	1104,623	815,603	921,16
IF average	5,653	5,496	5,474	5,034
CiMUS Colab	19 (9,5 %)	23 (11%)	27 (18,1%)	25 (14%)
Intern Colab	75 (38,46%)	67 (33%)	72(48,32 %)	66 (36%)

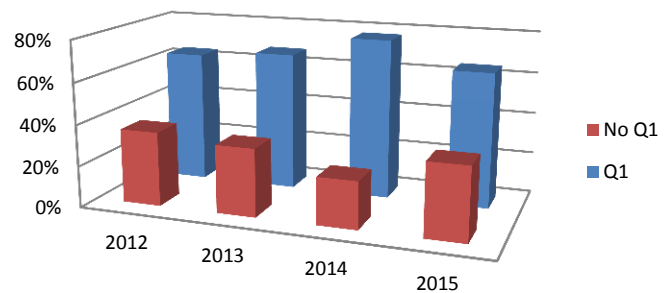
Publications 2015



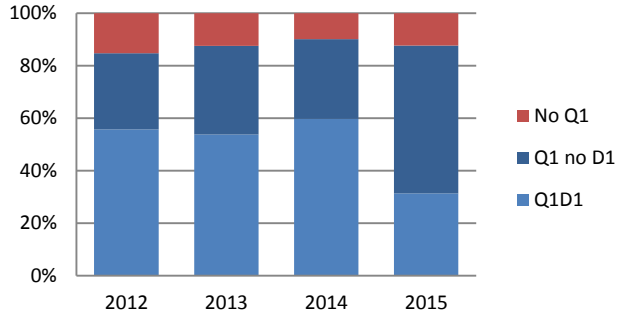
% Publications per quartile



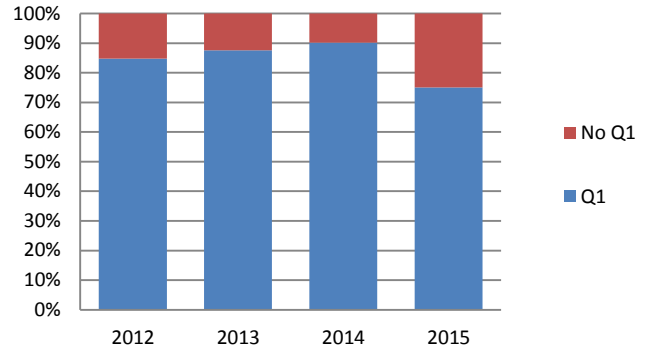
% Publications per quartile



% Publications per quartile

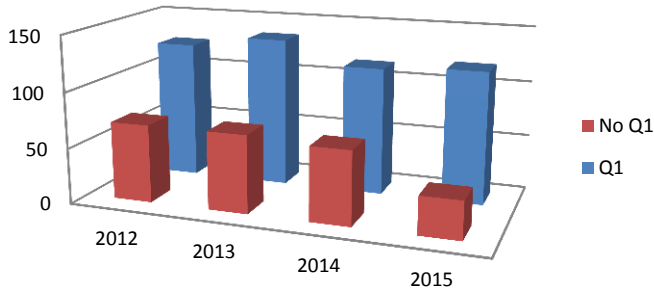


% Publications per quartile

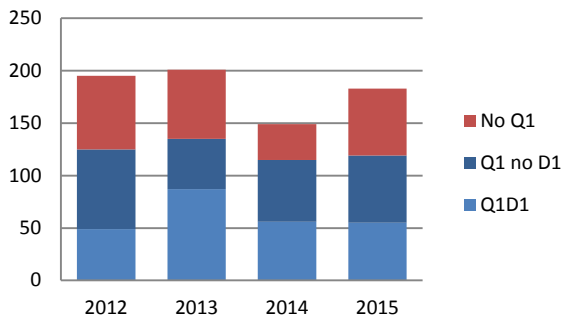


Nº Publications:

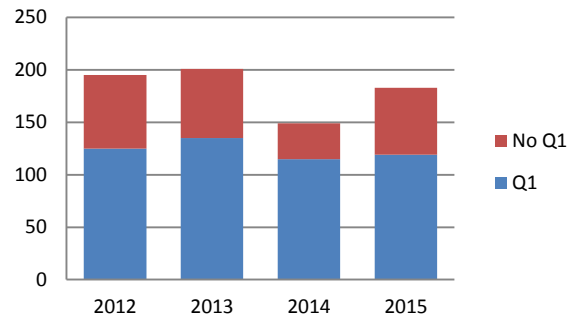
Nº Publications



Nº Publications

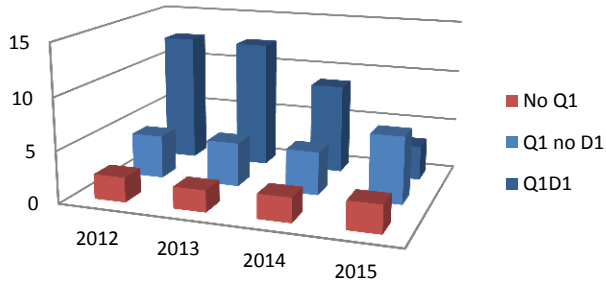


Nº Publications

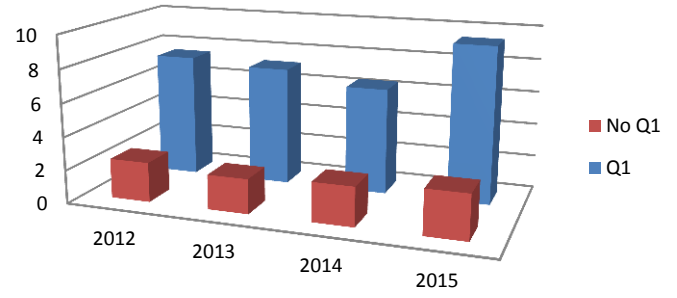


IF Average

IF Average



IF Average



Título	Autores	Revista	Publicación	ISSN	FI	D1	Q
Long-term use of ticagrelor in patients with prior myocardial infarction.	Bonaca MP, Bhatt DL, Cohen M, Steg PG, Storey RF, Jensen EC, Magnani G, Bansilal S, Fish MP, Im K, Bengtsson O, Oude Ophuis T, Budaj A, Theroux P, Ruda M, Hamm C, Goto S, Spinar J, Nicolau JC, Kiss RG, Murphy SA, Wiviott SD, Held P, Braunwald E, Sabatine MS; PEGASUS-TIMI 54 Steering Committee and Investigators.	N Engl J Med.	2015 May 7;372(19):1791-800.	0028-4793	55,873	D1	Q1
Human genomics. Effect of predicted protein-truncating genetic variants on the human transcriptome.	Rivas MA, Pirinen M, Conrad DF, Lek M, Tsang EK, Karczewski KJ, Maller JB, Kukurba KR, DeLuca DS, Fromer M, Ferreira PG, Smith KS, Zhang R, Zhao F, Banks E, Poplin R, Ruderfer DM, Purcell SM, Tukiainen T, Minikel EV, Stenson PD, Cooper DN, Huang KH, Sullivan TJ, Nedzel J; GTEx Consortium; Geuvadis Consortium, Bustamante CD, Li JB, Daly MJ, Guigo R, Donnelly P, Ardlie K, Sammeth M, Dermitzakis ET, McCarthy MI, Montgomery SB, Lappalainen T, MacArthur DG.	Science.	2015 May 8;348(6235):66-9.	0036-8075	33,611	D1	Q1
Mutations in XPR1 cause primary familial brain calcification associated with altered phosphate export.	Legati A, Giovannini D, Nicolas G, López-Sánchez U, Quintáns B, Oliveira JR, Sears RL, Ramos EM, Spiteri E, Sobrido MJ, Carracedo Á, Castro-Fernández C, Cubizolle S, Fogel BL, Goizet C, Jen JC, Kirdlar S, Lang AE, Miedzybrodzka Z, Mitarnun W, Paucar M, Paulson H, Pariente J, Richard AC, Salins NS, Simpson SA, Striano P, Svenningsson P, Tison F, Unni VK, Vanakker O, Wessels MW, Wetchaphanphesat S, Yang M, Boller F, Campion D, Hannequin D, Sitbon M, Geschwind DH, Battini JL, Coppola G.	Nat Genet.	2015 Jun;47(6):579-81.	1061-4036	29,352	D1	Q1
AMPK and PFKFB3 mediate glycolysis and survival during mitotic arrest	Doménech E, Maestre C, Esteban-Martínez L, Partida D, Pascual P, Fernández-Miranda G, Seco E, Campos-Olivas R, Pérez M, Megias D, Allen K, López M, Saha AK, Velasco G, Rial E, Méndez R, Boya P, Salazar-Roa M & Malumbres M	Nature Cell Biology	2015 17:1304-1316 (in press).	1465-7392	19,679	D1	Q1

Título	Autores	Revista	Publicación	ISSN	FI	D1	Q
Come to Where Insulin Resistance Is, Come to AMPK Country	Nogueiras R, Diéguez C, López M	Cell Metab	2015 May 5;21(5):663-5	1550- 4131	17,565	D1	Q1
Pharmacological inhibition of PI3K reduces adiposity and metabolic syndrome in obese mice and rhesus monkeys	Ortega-Molina A, Lopez-Guadamillas E, Mattison JE, Mitchell SJ, Muñoz-Martin M, Iglesias G, Gutierrez VM, Vaughan KL, Szarowicz MD, González-García I, López M, Cebrián D, Martinez S, Pastor J, de Cabo R & Serrano M	Cell Metabolism	2015 21: 558- 570	1550- 4131	17,565	D1	Q1
RNA sequencing analysis identifies new human collagen genes involved in cardiac remodeling.	Gil-Cayuela C, Rivera M, Ortega A, Tarazón E, Triviño JC, Lago F, González-Juanatey JR, Almenar L, Martínez-Dolz L, Portolés M.	J Am Coll Cardiol.	2015 Mar 31;65(12):126 5-7.	0735- 1097	16,503	D1	Q1
Differing prognostic value of pulse pressure in patients with heart failure with reduced or preserved ejection fraction: results from the MAGGIC individual patient meta-analysis.	Jackson CE, Castagno D, Maggioni AP, Køber L, Squire IB, Swedberg K, Andersson B, Richards AM, Bayes-Genis A, Tribouilloy C, Dobson J, Ariti CA, Poppe KK, Earle N, Whalley G, Pocock SJ, Doughty RN, McMurray JJ; Meta-Analysis Global Group in Chronic Heart Failure MAGGIC.	Eur Heart J.	2015 May 7;36(18):1106- 14.	0195- 668X	15,203	D1	Q1
"Extravirgin Olive Oil Consumption Reduces Risk of Atrial Fibrillation: The PREDIMED (Prevención con Dieta Mediterránea) Trial".	González-Salvado V, Raposeiras-Roubín S, González-Juanatey JR.	Circulation.	2015 Sep 8;132(10):e13 9.	0009- 7322	15,073	D1	Q1
A candidate gene study of capecitabine-related toxicity in colorectal cancer identifies new toxicity variants at DPYD and a putative role for ENOSF1 rather than TYMS.	Rosmarin D, Palles C, Pagnamenta A, Kaur K, Pita G, Martin M, Domingo E, Jones A, Howarth K, Freeman-Mills L, Johnstone E, Wang H, Love S, Scudder C, Julier P, Fernández-Rozadilla C, Ruiz-Ponte C, Carracedo A, Castellvi-Bel S, Castells A, Gonzalez-Neira A, Taylor J, Kerr R, Kerr D, Tomlinson I.	Gut.	2015 Jan;64(1):111- 20.	0017- 5749	14,660	D1	Q1
Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent.	Acosta-Herrera M, Pino-Yanes M, Ma SF, Barreto-Luis A, Corrales A, Cumplido J, Pérez-Rodríguez E, Campo P, Eng C, García-Robaina JC, Quintela I, Villar J, Blanca M, Carracedo Á, Carrillo T, Garcia JG, Torgerson DG, Burchard EG, Flores C.	J Allergy Clin Immunol.	2015 Oct;136(4):11 16-1118.e9.	0091- 6749	11,476	D1	Q1
Ag2 and Ag3 clusters: synthesis, characterization, and	Buceta D, Busto N, Barone G, Leal JM, Domínguez F,	Angew	2015 Jun	1433-	11,261	D1	Q1

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interaction with DNA.	Giovanetti LJ, Requejo FG, García B, López-Quintela MA.	Chem Int Ed Engl.	22;54(26):761-2-6.	7851			
Estrogens and the control of energy homeostasis: A brain perspective	López M & Tena-Sempere M	Trends in Endocrinology & Metabolism	26:411-421	1043-2760	9,392	D1	Q1
Interaction of silver atomic quantum clusters with living organisms: bactericidal effect of Ag3 clusters mediated by disruption of topoisomerase-DNA complexes	Neissa J, Pérez-Arnáiz C, Porto V, Busto N, Borrajo E, Leal JM, López-Quintela MA, García B, Domínguez F	Chem. Sci	2015,6, 6717-672	2041-6539	9,200	D1	Q1
Nanoengineering of vaccines using natural polysaccharides.	Cordeiro AS, Alonso MJ, de la Fuente M.	Biotechnol Adv.	2015 Nov 1;33(6 Pt 3):1279-93.	0734-9750	9,015	D1	Q1
SUMOylation regulates AKT1 activity.	de la Cruz-Herrera CF, Campagna M, Lang V, del Carmen González-Santamaría J, Marcos-Villar L, Rodríguez MS, Vidal A, Collado M, Rivas C.	Oncogene.	2015 Mar 12;34(11):144-2-50.	0950-9232	8,459	D1	Q1
Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity	Díaz-Ruiz A, Guzmán-Ruiz R, Moreno NR, García-Rios A, Delgado-Casado N, Membrives A, Túnez I, El Bekay R, Fernández-Real JM, Tovar S, Diéguez C, Tinahones FJ, Vázquez-Martínez R, López-Miranda J, Malagón MM	Antioxid Redox Signal	2015 Sep 1;23(7):597-612	1523-0864	7,407	D1	Q1
Whole-exome sequencing identifies rare pathogenic variants in new predisposition genes for familial colorectal cancer	Esteban-Jurado C, Vila-Casadesús M, Garre P, Lozano JJ, Pristoupilova A, Beltran S, Muñoz J, Ocaña T, Balaguer F, López-Cerón M, Cuatrecasas M, Franch-Expósito S, Piqué JM, Castells A, Carracedo A, Ruiz-Ponte C, Abulí A, Bessa X, Andreu M, Bujanda L, Caldés T, Castellví-Bel S.	Genet Med.	2015 Feb;17(2):131-42.	1098-3600	7,329	D1	Q1
Rho Kinase and Dopaminergic Degeneration: A Promising Therapeutic Target for Parkinson's Disease.	Labandeira-García JL, Rodríguez-Perez AI, Villar-Cheda B, Borrajo A, Dominguez-Meijide A, Guerra MJ.	Neuroscientist.	2015 Dec;21(6):616-29.	1073-8584	6,837	D1	Q1
Resveratrol supplementation: Where are we now and where should we go?	Novelle MG, Wahl D, Diéguez C, Bernier M, de Cabo R.	Ageing Res Rev	2015 May;21:1-15	1568-1637	6,634	D1	Q1

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The cyclin-dependent kinase inhibitor p27kip1 regulates radial stem cell quiescence and neurogenesis in the adult hippocampus.	Andreu Z, Khan MA, González-Gómez P, Negueruela S, Hortigüela R, San Emeterio J, Ferrón SR, Martínez G, Vidal A, Fariñas I, Lie DC, Mira H	Stem Cells	2015 Jan;33(1):219-29.	1066-5099	6,523	D1	Q1
Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk.	Painter JN, O'Mara TA, Batra J, Cheng T, Lose FA, Dennis J, Michailidou K, Tyrer JP, Ahmed S, Ferguson K, Healey CS, Kaufmann S, Hillman KM, Walpole C, Moya L, Pollock P, Jones A, Howarth K, Martin L, Gorman M, Hodgson S; National Study of Endometrial Cancer Genetics Group (NSECG); CHIBCHA Consortium, De Polanco MM, Sans M, Carracedo A, Castellvi-Bel S, Rojas-Martinez A, Santos E, Teixeira MR, Carvajal-Carmona L, Shu XO, Long J, Zheng W, Xiang YB; Australian National Endometrial Cancer Study Group (ANECG), Montgomery GW, Webb PM, Scott RJ, McEvoy M, Attia J, Holliday E, Martin NG, Nyholt DR, Henders AK, Fasching PA, Hein A, Beckmann MW, Renner SP, Dörk T, Hillemanns P, Dürst M, Runnebaum I, Lambrechts D, Coenegrachts L, Schrauwen S, Amant F, Winterhoff B, Dowdy SC, Goode EL, Teoman A, Salvesen HB, Trovik J, Njolstad TS, Werner HM, Ashton K, Proietto T, Otton G, Tzortzatos G, Mints M, Tham E; RENOCAS, Hall P, Czene K, Liu J, Li J, Hopper JL, Southey MC; Australian Ovarian Cancer Study (AOCS), Ekici AB, Ruebner M, Johnson N, Peto J, Burwinkel B, Marme F, Brenner H, Dieffenbach AK, Meindl A, Brauch H; GENICA Network, Lindblom A, Depreeuw J, Moisse M, Chang-Claude J, Rudolph A, Couch FJ, Olson JE, Giles GG, Bruinsma F, Cunningham JM, Fridley BL, Børresen-Dale AL, Kristensen VN, Cox A, Swerdlow AJ, Orr N, Bolla MK, Wang Q, Weber RP, Chen Z, Shah M, French JD, Pharoah PD, Dunning AM, Tomlinson I, Easton DF, Edwards SL, Thompson DJ, Spurdle AB.	Hum Mol Genet.	2015 Mar 1;24(5):1478-92.	0964-6906	6,393		Q1

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Acute but not chronic activation of brain glucagon-like peptide-1 receptors enhances glucose-stimulated insulin secretion in mice	Tudurí E, Beiroa D, Porteiro B, López M, Diéguez C, Nogueiras R	Diabetes Obes Metab	2015 Aug;17(8):789-99	1462-8902	6,360		Q1
Transcriptional regulation of Sox2 by the retinoblastoma family of pocket proteins.	Vilas JM, Ferreirós A, Carneiro C, Morey L, Da Silva-Álvarez S, Fernandes T, Abad M, Di Croce L, García-Caballero T, Serrano M, Rivas C, Vidal A, Collado M.	Oncotarget.	2015 Feb 20;6(5):2992-3002.	1949-2553	6,359	D1	Q1
Reciprocal regulation between sirtuin-1 and angiotensin-II in the substantia nigra: implications for aging and neurodegeneration.	Díaz-Ruiz C, Rodríguez-Pérez AI, Beiroa D, Rodríguez-Pallares J, Labandeira-García JL.	Oncotarget.	2015 Sep 29;6(29):2667-5-89.	1949-2553	6,359	D1	Q1
Pit-1 inhibits BRCA1 and sensitizes human breast tumors to cisplatin and vitamin D treatment.	Seoane S, Arias E, Sigueiro R, Sendon-Lago J, Martínez-Ordoñez A, Castelao E, Eiró N, García-Caballero T, Macía M, Lopez-Lopez R, Maestro M, Vizoso F, Mouriño A, Perez-Fernandez R.	Oncotarget.	2015 Jun 10;6(16):1445-6-71.	1949-2553	6,359	D1	Q1
Controlled release microspheres loaded with BMP7 suppress primary tumors from human glioblastoma.	González-Gómez P, Crecente-Campo J, Zahonero C, de la Fuente M, Hernández-Laín A, Mira H, Sánchez-Gómez P, García-Fuentes M.	Oncotarget.	2015 May 10;6(13):1095-0-63. P	1949-2553	6,359	D1	Q1
The cerebral cavernous malformation 3 gene is necessary for senescence induction.	Guerrero A, Iglesias C, Raguz S, Florida E, Gil J, Pombo CM, Zalvide J.	Aging Cell.	2015 Apr;14(2):274-83.	1474-9718	6,340	D1	Q1
Prevalence of MLH1 constitutional epimutations as a cause of Lynch syndrome in unselected versus selected consecutive series of patients with colorectal cancer.	Castillejo A, Hernández-Illán E, Rodríguez-Soler M, Pérez-Carbonell L, Egoavil C, Barberá VM, Castillejo MI, Guarinos C, Martínez-de-Dueñas E, Juan MJ, Sánchez-Heras AB, García-Casado Z, Ruiz-Ponte C, Brea-Fernández A, Juárez M, Bujanda L, Clofent J, Llor X, Andreu M, Castells A, Carracedo A, Alenda C, Payá A, Jover R, Soto JL.	J Med Genet.	2015 Jul;52(7):498-502.	0022-2593	6,335		Q1
Long Survival and Severe Toxicity Under 5-Fluorouracil-Based Therapy in a Patient With Colorectal Cancer Who Harbors a Germline Codon-Stop Mutation in TYMS.	Balboa-Beltrán E, Duran G, Lamas MJ, Carracedo A, Barros F.	Mayo Clin Proc.	2015 Sep;90(9):1298-303.	0025-6196	6,262	D1	Q1
Severe toxicity under 5-fluorouracil-based therapy in	Balboa-Beltrán E, Duran G, Lamas MJ, Carracedo A,	Mayo Clin	2015		6,262	D1	Q1

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a patient with colorectal cancer who harbors a germline codon-stop mutation in TYMS	Barros F.	Proc	Sep;90(9):129 8-303. doi: 10.1016/j.may ocp.2015.05.0 05. Epub 2015 Jul 22.				
A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redin-SCORE.	Álvarez-García J, Ferrero-Gregori A, Puig T, Vázquez R, Delgado J, Pascual-Figal D, Alonso-Pulpón L, González-Juanatey JR, Rivera M, Worner F, Bardají A, Cinca J; investigators of the Spanish Heart Failure Network (REDINSCOR).	Eur J Heart Fail.	2015 Aug;17(8):818 -27.	1388- 9842	6,256	D1	Q1
Action of obestatin in skeletal muscle repair: stem cell expansion, muscle growth, and microenvironment remodeling.	Gurriarán-Rodríguez U, Santos-Zas I, González-Sánchez J, Beiroa D, Moresi V, Mosteiro CS, Lin W, Viñuela JE, Señaris J, García-Caballero T, Casanueva FF, Nogueiras R, Gallego R, Renaud JM, Adamo S, Pazos Y, Camiña JP.	Mol Ther.	2015 Jun;23(6):100 3-21. PubMed PMID: 25762009.	1525- 0016	6,227	D1	Q1
Circulating Betatrophin Levels Are Increased in Anorexia and Decreased in Morbidly Obese Women	Barja-Fernández S, Folgueira C, Seoane LM, Casanueva FF, Dieguez C, Castelao C, Agüera Z, Baños R, Botella C, de la Torre R, Fernández-García JC, Fernández-Real JM, Frühbeck G, Gómez-Ambrosi J, Jiménez-Murcia S, Tinahones FJ, Estivill X, Fernández-Aranda F, Nogueiras R	J Clin Endocrinol Metab	2015 Sep;100(9):E1 188-96	0021- 972X	6,209		Q1
Evidence for weak genetic recombination at the PTP2 locus of Nosema ceranae.	Gómez-Moracho T, Bartolomé C, Martín-Hernández R, Higes M, Maside X.	Environ Microbiol.	2015 Apr;17(4):130 0-9.	1462- 2912	6,201		Q1
Association between SNPs of Metalloproteinases and Prostaglandin F2α Receptor Genes and Latanoprost Response in Open-Angle Glaucoma.	Ussa F, Fernandez I, Brion M, Carracedo A, Blazquez F, Garcia MT, Sanchez-Jara A, De Juan-Marcos L, Jimenez-Carmona S, Juberias JR, Martinez-de-la-Casa JM, Pastor JC.	Ophthalmology.	2015 May;122(5):10 40-8.e4.	0161- 6420	6,135	D1	Q1
Interaction between NADPH-oxidase and Rho-kinase in angiotensin II-induced microglial activation.	Rodríguez-Perez AI, Borrajo A, Rodríguez-Pallares J, Guerra MJ, Labandeira-García JL.	Glia.	2015 Mar;63(3):466	0894- 1491	6,031		Q1

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Delimiting Allelic Imbalance of TYMS by Allele-Specific Analysis.	Balboa-Beltrán E, Cruz R, Carracedo A, Barros F.	Medicine (Baltimore).	2015 Jul;94(27):e1091.	0025-7974	5,723	D1	Q1
Detection of cannabinoid receptors CB1 and CB2 within basal ganglia output neurons in macaques: changes following experimental parkinsonism.	Sierra S, Luquin N, Rico AJ, Gómez-Bautista V, Roda E, Dopeso-Reyes IG, Vázquez A, Martínez-Pinilla E, Labandeira-García JL, Franco R, Lanciego JL.	Brain Struct Funct.	2015 Sep;220(5):2721-38.	1863-2653	5,618	D1	Q1
In1-ghrelin splicing variant is overexpressed in pituitary adenomas and increases their aggressive features	Ibáñez-Costa A, Gahete MD, Rivero-Cortés E, Rincón-Fernández D, Nelson R, Beltrán M, de la Riva A, Japón MA, Venegas-Moreno E, Gálvez MÁ, García-Arnés JA, Soto-Moreno A, Morgan J, Tsomaia N, Culler MD, Dieguez C, Castaño JP, Luque RM	Sci Rep	2015 Mar 4;5:8714. doi: 10.1038	2045-2322	5,578	D1	Q1
Ikaros mediates the DNA methylation-independent silencing of MCJ/DNAJC15 gene expression in macrophages.	Navasa N, Martin-Ruiz I, Atondo E, Sutherland JD, Angel Pascual-Itoiz M, Carreras-González A, Izadi H, Tomás-Cortázar J, Ayaz F, Martin-Martin N, Torres IM, Barrio R, Carracedo A, Olivera ER, Rincón M, Anguita J.	Sci Rep.	2015 Sep 30;5:14692.	2045-2322	5,578	D1	Q1
A 2D-DIGE-based proteomic analysis reveals differences in the platelet releasate composition when comparing thrombin and collagen stimulations.	Vélez P, Izquierdo I, Rosa I, García Á.	Sci Rep.	2015 Feb 3;5:8198.	2045-2322	5,578	D1	Q1
Divergent responses to thermogenic stimuli in BAT and subcutaneous adipose tissue from interleukin 18 and interleukin 18 receptor 1-deficient mice	Pazos P, Lima L, Tovar S, González-Touceda D, Diéguez C, García MC	Sci Rep	2015 Dec 10;5:17977. doi: 10.1038/srep17977	2045-2322	5,578	D1	Q1
Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer.	Timofeeva MN ¹ , Kinnersley B ² , Farrington SM ¹ , Whiffin N ² , Palles C ³ , Svinti V ¹ , Lloyd A ² , Gorman M ³ , Ooi LY ¹ , Hosking F ² , Barclay E ³ , Zgaga L ¹ , Dobbins S ² , Martin L ³ , Theodoratou E ^{1,4} , Broderick P ² , Tenesa A ^{5,6} , Smillie C ¹ ,	Sci. Rep	2015 Nov 10;5:16286. doi: 10.1038/srep1	2045-2322	5,578	D1	Q1

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	Grimes G ⁶ , Hayward C ⁶ , Campbell A ^{6,7} , Porteous D ^{6,7} , Deary IJ ⁸ , Harris SE ^{6,8} , Northwood EL ⁹ , Barrett JH ⁹ , Smith G ¹⁰ , Wolf R ¹⁰ , Forman D ¹¹ , Morreau H ¹² , Ruano D ¹² , Tops C ¹³ , Wijnen J ¹⁴ , Schruppf M ¹² , Boot A ¹² , Vasen HF ¹⁵ , Hes FJ ¹³ , van Wezel T ¹² , Franke A ¹⁶ , Lieb W ¹⁷ , Schafmayer C ¹⁸ , Hampe J ¹⁹ , Buch S ¹⁹ , Propping P ²⁰ , Hemminki K ^{21,22} , Försti A ^{21,22} , Westers H ²³ , Hofstra R ^{23,24} , Pinheiro M ²⁵ , Pinto C ²⁵ , Teixeira M ²⁵ , Ruiz-Ponte C ²⁶ , Fernández-Rozadilla C ^{26,3} , Carracedo A ²⁶ , Castells A ²⁷ , Castellví-Bel S ²⁷ , Campbell H ^{1,4} , Bishop DT ⁹ , Tomlinson IP ³ , Dunlop MG ¹ , Houlston RS ² .		6286				
Meta-analysis of genome-wide association studies identifies common susceptibility polymorphisms for colorectal and endometrial cancer near SH2B3 and TSHZ1.	Cheng TH, Thompson D, Painter J, O'Mara T, Gorman M, Martin L, Palles C, Jones A, Buchanan DD, Ko Win A, Hopper J, Jenkins M, Lindor NM, Newcomb PA, Gallinger S, Conti D, Schumacher F, Casey G, Giles GG, Pharoah P, Peto J, Cox A, Swerdlow A, Couch F, Cunningham JM, Goode EL, Winham SJ, Lambrechts D, Fasching P, Burwinkel B, Brenner H, Brauch H, Chang-Claude J, Salvesen HB, Kristensen V, Darabi H, Li J, Liu T, Lindblom A, Hall P, de Polanco ME, Sans M, Carracedo A, Castellvi-Bel S, Rojas-Martinez A, Aguiar Jnr S, Teixeira MR, Dunning AM, Dennis J, Otton G, Proietto T, Holliday E, Attia J, Ashton K, Scott RJ, McEvoy M, Dowdy SC, Fridley BL, Werner HM, Trovik J, Njolstad TS, Tham E, Mints M, Runnebaum I, Hillemanns P, Dörk T, Amant F, Schrauwen S, Hein A, Beckmann MW, Ekici A, Czene K, Meindl A, Bolla MK, Michailidou K, Tyrer JP, Wang Q, Ahmed S, Healey CS, Shah M, Annibali D, Depreeuw J, Al-Tassan NA, Harris R, Meyer BF, Whiffin N, Hosking FJ, Kinnersley B, Farrington SM, Timofeeva M, Tenesa A, Campbell H, Haile RW, Hodgson S, Carvajal-Carmona L, Cheadle JP,	Sci Rep.	2015 Dec 1;5:17369. doi: 10.1038/srep17369.	2045-2322	5,578	D1	Q1

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Stronger Dopamine D1 Receptor-Mediated Neurotransmission in Dyskinesia.	Farré D, Muñoz A, Moreno E, Reyes-Resina I, Canet-Pons J, Dopeso-Reyes IG, Rico AJ, Lluís C, Mallol J, Navarro G, Canela EI, Cortés A, Labandeira-García JL, Casadó V, Lanciego JL, Franco R.	Mol Neurobiol.	2015 Dec;52(3):140-20.	0893-7648	5,137		Q1
Thyroid cancer GWAS identifies 10q26.12 and 6q14.1 as novel susceptibility loci and reveals genetic heterogeneity among populations.	Mancikova V, Cruz R, Inglada-Pérez L, Fernández-Rozadilla C, Landa I, Cameselle-Teijeiro J, Celeiro C, Pastor S, Velázquez A, Marcos R, Andía V, Álvarez-Escolá C, Meoro A, Schiavi F, Opocher G, Quintela I, Ansedo-Bermejo J, Ruiz-Ponte C, Santisteban P, Robledo M, Carracedo A.	Int J Cancer.	2015 Oct 15;137(8):1870-8.	0020-7136	5,085		Q1
Investigation of gene-environment interactions between 47 newly identified breast cancer susceptibility loci and environmental risk factors.	Rudolph A, Milne RL, Truong T, Knight JA, Seibold P, Flesch-Janys D, Behrens S, Eilber U, Bolla MK, Wang Q, Dennis J, Dunning AM, Shah M, Munday HR, Darabi H, Eriksson M, Brand JS, Olson J, Vachon CM, Hallberg E, Castelao JE, Carracedo A, Torres M, Li J, Humphreys K, Cordina-Duverger E, Menegaux F, Flyger H, Nordestgaard BG, Nielsen SF, Yesilyurt BT, Floris G, Leunen K, Engelhardt EG, Broeks A, Rutgers EJ, Glendon G, Mulligan AM, Cross S, Reed M, Gonzalez-Neira A, Arias Perez JI, Provenzano E, Apicella C, Southey MC, Spurdle A; kConFab Investigators; AOCS Group, Häberle L, Beckmann MW, Ekici AB, Dieffenbach AK, Arndt V, Stegmaier C, McLean C, Baglietto L, Chanock SJ, Lissowska J, Sherman ME, Brüning T, Hamann U, Ko YD, Orr N, Schoemaker M, Ashworth A, Kosma VM, Kataja V, Hartikainen JM, Mannermaa A, Swerdlow A; GENICA-Network, Giles GG, Brenner H, Fasching PA, Chenevix-Trench G, Hopper J, Benítez J, Cox A, Andrulis IL, Lambrechts D, Gago-Dominguez M, Couch F, Czene K, Bojesen SE,	Int J Cancer.	2015 Mar 15;136(6):E68-96.	0020-7136	5,085		Q1

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	Easton DF, Schmidt MK, Guénel P, Hall P, Pharoah PD, Garcia-Closas M, Chang-Claude J.						
Larger aggregates of mutant seipin in Celia's Encephalopathy, a new protein misfolding neurodegenerative disease.	Ruiz-Riquelme A, Sánchez-Iglesias S, Rábano A, Guillén-Navarro E, Domingo-Jiménez R, Ramos A, Rosa I, Senra A, Nilsson P, García Á, Araújo-Vilar D, Requena JR.	Neurobiol Dis.	2015 Aug 15;83:44-53.	0969-9961	5,078		Q1
Monomorphic Ventricular Tachycardia in Patients with Brugada Syndrome: A Multicenter Retrospective Study.	Rodríguez-Mañero M, Sacher F, de Asmundis C, Maury P, Lambiasi PD, Sarkozy A, Probst V, Gandjbakhch E, Castro-Hevia J, Saenen J, Kusano KF, Rollin A, Arbelo E, Valderrábano M, Arias MA, Mosquera-Pérez I, Schilling R, Chierchia GB, García-Bolao I, García-Seara J, Hernandez-Ojeda J, Kamakura T, Martínez-Sande L, González-Juanatey JR, Haïssaguerre M, Brugada J, Brugada P.	Heart Rhythm.	2015 Oct 29. pii: S1547-5271(15)01368-5.	1547-5271	5,076		Q1
Prevalence of somatic mutl homolog 1 promoter hypermethylation in Lynch syndrome colorectal cancer.	Moreira L, Muñoz J, Cuatrecasas M, Quintanilla I, Leoz ML, Carballal S, Ocaña T, López-Cerón M, Pellise M, Castellví-Bel S, Jover R, Andreu M, Carracedo A, Xicola RM, Llor X, Boland CR, Goel A, Castells A, Balaguer F; Gastrointestinal Oncology Group of the Spanish Gastroenterological Association.	Cancer.	2015 May 1;121(9):1395-404.	0008-543X	5,068		Q1
Critical period for dopaminergic neuroprotection by hormonal replacement in menopausal rats.	Rodríguez-Perez AI, Borrajo A, Valenzuela R, Lanciego JL, Labandeira-Garcia JL.	Neurobiol Aging.	2015 Feb;36(2):119-4-208.	0197-4580	5,013	D1	Q1
Dopamine D2 and angiotensin II type 1 receptors form functional heteromers in rat striatum.	Martínez-Pinilla E, Rodríguez-Pérez AI, Navarro G, Aguinaga D, Moreno E, Lanciego JL, Labandeira-García JL, Franco R.	Biochem Pharmacol.	2015 Jul 15;96(2):131-42.	0006-2952	5,009	D1	Q1
Mosaic maternal ancestry in the Great Lakes region of East Africa.	Gomes V, Pala M, Salas A, Álvarez-Iglesias V, Amorim A, Gómez-Carballa A, Carracedo Á, Clarke DJ, Hill C, Mormina M, Shaw MA, Dunne DW, Pereira R, Pereira V, Prata MJ, Sánchez-Diz P, Rito T, Soares P, Gusmão L, Richards MB.	Hum Genet.	2015 Sep;134(9):1013-27.	0340-6717	4,824		Q1
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analogues of vitamin D.	R, Mouriño A, Sicinski RR.		2;80(1):165-73.	3263			
Syntheses and cytotoxicity of (R)- and (S)-7-methoxycryptoleurine.	Anton-Torrecillas C, Bosque I, Gonzalez-Gomez JC, Loza MI, Brea J.	J Org Chem.	2015 Jan 16;80(2):1284-90.	0022-3263	4,721		Q1
T-wave oversensing in patients with Brugada syndrome: true bipolar versus integrated bipolar implantable cardioverter defibrillator leads: multicenter retrospective study.	Rodríguez-Mañero M, de Asmundis C, Sacher F, Arbelo E, Probst V, Castro-Hevia J, Maury P, Rollin A, Lambiase P, García-Bolao I, Chierchia GB, Fukushima Kusano K, Gourraud JB, Schilling R, Kamakura T, Martínez-Sande JL, Haïssaguerre M, González-Juanatey JR, Brugada J, Brugada P.	Circ Arrhythm Electrophysiol.	2015 Aug;8(4):792-8.	1941-3149	4,678		Q1
The multiethnic ancestry of Bolivians as revealed by the analysis of Y-chromosome markers.	Cárdenas JM, Heinz T, Pardo-Seco J, Álvarez-Iglesias V, Taboada-Echalar P, Sánchez-Diz P, Carracedo Á, Salas A.	Forensic Sci Int Genet.	2015 Jan;14:210-8.	1872-4973	4,604	D1	Q1
Tetra-allelic SNPs: Informative forensic markers compiled from public whole-genome sequence data.	Phillips C, Amigo J, Carracedo Á, Lareu MV.	Forensic Sci Int Genet.	2015 Nov;19:100-6.	1872-4973	4,604	D1	Q1
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Pacifplex: an ancestry-informative SNP panel centred on Australia and the Pacific region.	Santos C, Phillips C, Fondevila M, Daniel R, van Oorschot RA, Burchard EG, Schanfield MS, Souto L, Uacyisrael J, Via M, Carracedo Á, Lareu MV.	Forensic Sci Int Genet.	2015 Oct 20;20:71-80.	1872-4973	4,604	D1	Q1
Massive parallel sequencing applied to the molecular autopsy in sudden cardiac death in the young.	Brion M, Sobrino B, Martinez M, Blanco-Verea A, Carracedo A.	Forensic Sci Int Genet.	2015 Sep;18:160-70.	1872-4973	4,604	D1	Q1

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Forensic ancestry analysis with two capillary electrophoresis ancestry informative marker (AIM) panels: Results of a collaborative EDNAP exercise.	Santos C, Fondevila M, Ballard D, Banemann R, Bento AM, Børsting C, Branicki W, Brisighelli F, Burrington M, Capal T, Chaitanya L, Daniel R, Decroyer V, England R, Gettings KB, Gross TE, Haas C, Hartevelde J, Hoff-Olsen P, Hoffmann A, Kayser M, Kohler P, Linacre A, Mayr-Eduardoff M, McGovern C, Morling N, O'Donnell G, Parson W, Pascali VL, Porto MJ, Roseth A, Schneider PM, Sijen T, Stenzl V, Court DS, Templeton JE, Turanska M, Vallone PM, Oorschot RA, Zatkalikova L, Carracedo Á, Phillips C; EUROFORGEN-NoE Consortium.	Forensic Sci Int Genet.	2015 Nov;19:56-67.	1872-4973	4,604	D1	Q1
Evaluation of the predictive capacity of DNA variants associated with straight hair in Europeans.	Pośpiech E, Karłowska-Pik J, Marcińska M, Abidi S, Andersen JD, Berge Mv, Carracedo Á, Eduardoff M, Freire-Aradas A, Morling N, Sijen T, Skowron M, Söchtig J, Syndercombe-Court D, Weiler N, Schneider PM, Ballard D, Børsting C, Parson W, Phillips C, Branicki W; EUROFORGEN-NoE Consortium.	Forensic Sci Int Genet.	2015 Nov;19:280-8.	1872-4973	4,604	D1	Q1
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Brain activation of the defensive and appetitive survival systems in obsessive compulsive disorder.	Gonçalves ÓF, Soares JM, Carvalho S, Leite J, Ganho A, Fernandes-Gonçalves A, Frank B, Pocinho F, Relvas J, Carracedo A, Sampaio A.	Brain Imaging Behav.	2015 Jun;9(2):255-63.	1931-7557	4,598	D1	Q1
KSHV latent protein LANA2 inhibits sumo2 modification of p53.	Laura MV, de la Cruz-Herrera CF, Ferreirós A, Baz-Martínez M, Lang V, Vidal A, Muñoz-Fontela C, Rodríguez MS, Collado M, Rivas C.	Cell Cycle.	2015;14(2):277-82.	1538-4101	4,565		Q2
Long-term mortality prediction of CHA(2)DS (2)VASc and HATCH scores in a cohort of patients with typical	García Seara J, Gude Sampedro F, Martínez Sande JL, Fernández López XA, González Melchor L, López López	Clin Res Cardiol.	2015 Nov 15;199:426-8.	0167-5273	4,560		Q2

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Pregnancy induces resistance to the anorectic effect of hypothalamic malonyl-CoA and the thermogenic effect of hypothalamic AMPK inhibition in female rats	Martínez de Morentin PB, Lage R, González-García I, Ruíz-Pino F, Martins L, Fernández-Mallo D, Gallego R, Fernø J, Señaris R, Saha AK, Tovar S, Diéguez C, Nogueiras R, Tena-Sempere M, López M	Endocrinology	2015 Mar;156(3):94-7-60	0013-7227	4,503		Q1
Metabolic and Gonadotropic Impact of Sequential Obesogenic Insults in the Female: Influence of the Loss of Ovarian Secretion	Sánchez-Garrido MA, Ruiz-Pino F, Manfredi-Lozano M, Leon S, Heras V, Castellano JM, Castaño JP, Luque RM, Vázquez MJ, Roa J, Romero-Ruiz A, Diéguez C, Pinilla L, Tena-Sempere M	Endocrinology	2015 Aug;156(8):29-84-98	0013-7227	4,503		Q1
Absence of intracellular ion channels TPC1 and TPC2 leads to mature-onset obesity in male mice, due to impaired lipid availability for thermogenesis in brown adipose tissue	Lear PV, González-Touceda D, Porteiro Couto B, Viaño P, Guymer V, Remzova E, Tunn R, Chalasani A, García-Caballero T, Hargreaves IP, Tynan PW, Christian HC, Nogueiras R, Parrington J, Diéguez C	Endocrinology	2015 Mar;156(3):97-5-86	0013-7227	4,503		Q1
Does sex affect anticoagulant use for stroke prevention in nonvalvular atrial fibrillation? The prospective global anticoagulant registry in the FIELD-Atrial Fibrillation.	Lip GY, Rushton-Smith SK, Goldhaber SZ, Fitzmaurice DA, Mantovani LG, Goto S, Haas S, Bassand JP, Camm AJ, Ambrosio G, Janský P, Al Mahmeed W, Oh S, van Eickels M, Raatikainen P, Steffel J, Oto A, Kayani G, Accetta G, Kakkar AK; GARFIELD-AF Investigators.	Circ Cardiovasc Qual Outcomes.	2015 Mar;8(2 Suppl 1):S12-20.	1941-7713	4,405		Q1
Regulation of NUCB2 nesfatin-1 production in rat's stomach and adipose tissue is dependent on age, testosterone levels and lactating status	Senin LL, Al-Massadi O, Barja-Fernandez S, Folgueira C, Castelao C, Tovar SA, Leis R, Lago F, Baltar J, Baamonde I, Dieguez C, Casanueva FF, Seoane LM	Mol Cell Endocrinol	2015 Aug 15;411:105-12	0303-7207	4,405		Q1
Orexins (hypocretins) and energy balance: More than feeding	Fernø J, Señaris R, Diéguez C, Tena-Sempere M, López M	Mol Cell Endocrinol	2015 Jul 26. pii: S0303-7207(15)30029-0	0303-7207	4,405		Q1
Differential behaviour of epicardial adipose tissue-secretomes with high and low orosomucoid levels from patients with cardiovascular disease in H9C2 cells.	Lage R, Moscoso I, Fernández-Trasancos Á, Cebro M, Couselo M, Fandiño-Vaquero R, Bravo SB, Sierra J, González-Juanatey JR, Eiras S.	Mol Cell Endocrinol.	2015 Nov 15;416:77-87.	0303-7207	4,405		Q1

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Pituitary Cell Turnover: From Adult Stem Cell Recruitment through Differentiation to Death	Garcia-Lavandeira M, Diaz-Rodriguez E, Bahar D, Garcia-Rendueles AR, Rodrigues JS, Dieguez C, Alvarez CV	Neuroendoc rinology	2015;101(3):1 75-92	0028- 3835	4,373		Q1
DISC1 regulates expression of the neurotrophin VGF through the PI3K/AKT/CREB pathway.	Rodríguez-Seoane C, Ramos A, Korth C, Requena JR.	J Neurochem.	2015 Nov;135(3):59 8-605.	0022- 3042	4,281		Q1
High frequency and founder effect of the CYP3A4*20 loss-of-function allele in the Spanish population classifies CYP3A4 as a polymorphic enzyme.	Apellániz-Ruiz M, Inglada-Pérez L, Naranjo ME, Sánchez L, Mancikova V, Currás-Freixes M, de Cubas AA, Comino-Méndez I, Triki S, Rebai A, Rasool M, Moya G, Grazina M, Opocher G, Cascón A, Taboada-Echalar P, Ingelman-Sundberg M, Carracedo A, Robledo M, Llerena A, Rodríguez-Antona C.	Pharmacoge nomics J.	2015 Jun;15(3):288- 92.	1470- 269X	4,229		Q1
Detection of new biased agonists for the serotonin 5-HT2A receptor: modeling and experimental validation.	Martí-Solano M, Iglesias A, de Fabritiis G, Sanz F, Brea J, Loza MI, Pastor M, Selent J.	Mol Pharmacol.	2015 Apr;87(4):740- 6.	0026- 895X	4,128		Q1
G protein-coupled receptor multimers: A question still open despite the use of novel approaches	Vischer HF, Castro M, Pin JP.	Mol Pharmacol	2015 Sep;88(3):561- 71	0026- 895X	4,128		Q1
Ligand residence time at G-protein-coupled receptors-why we should take our time to study it	Hoffman C, Castro M, Rinken A, Leurs R, Hill SJ, Vischer HF.	Mol Pharmacol	2015 Sep;88(3):552- 60	0026- 895X	4,128		Q1
Monomer–Dimer Divergent Behavior toward DNA in a Half-Sandwich Ruthenium(II) Aqua Complex. Antiproliferative Biphasic Activity	Busto N, Martínez-Alonso M, Leal JM, Rodríguez AM, Domínguez F, Acuña MI, Espino G, García B	Organometal lics	2015, 34 (1), pp 319–327	0276- 7333	4,100	D1	Q1
The patient perspective: Quality of life in advanced heart failure with frequent hospitalisations.	Nieminen MS, Dickstein K, Fonseca C, Serrano JM, Parissis J, Fedele F, Wikström G, Agostoni P, Atar S, Baholli L, Brito D, Colet JC, Édes I, Gómez Mesa JE, Gorjup V, Garza EH, González Juanatey JR, Karanovic N,	Int J Cardiol.	2015 Jul 15;191:256- 64.	0167- 5273	4,036		Q1

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	Karavidas A, Katsytadze I, Kivikko M, Matskeplishvili S, Merkely B, Morandi F, Novoa A, Oliva F, Ostadal P, Pereira-Barretto A, Pollesello P, Rudiger A, Schwinger RH, Wieser M, Yavelov I, Zymliński R.						
Risk of pacemaker implantation after uneventful successful cavotricuspid isthmus radiofrequency ablation in patients with common atrial flutter.	Rodríguez-Mañero M, González-Melchor L, Ballesteros G, Raposeiras-Roubín S, García-Seara J, López XA, Cambeiro CG, Alcalde O, García-Bolao I, Martínez-Sande L, González-Juanatey JR.	Int J Cardiol.	2015 Sep 2;202:285-288.	0167-5273	4,036		Q1
Long-term outcome prediction of CHA2DS2VASc and HATCH scores in a cohort of patients with typical atrial flutter.	García Seara J, Gude F, Raposeiras-Roubin S, Martínez Sande JL, González Melchor L, Rodríguez-Mañero M, Fernández-López X, Bouzas Cruz N, López-López A, Alvarez Alvarez B, Riziq Yousef Abumualeq R, Abellas R, Iglesias D, González-Juanatey JR.	Int J Cardiol.	2015 Nov 15;199:426-8.	0167-5273	4,036		Q1
Is safe to discontinue anticoagulation after successful ablation of atrial flutter?	Raposeiras-Roubín S, García-Seara J, Cabanas-Grandío P, Abu-Assi E, Rodríguez-Mañero M, Fernández-López JA, Martínez-Sande L, González-Juanatey JR.	Int J Cardiol.	2015 Dec 15;201:631-2.	0167-5273	4,036		Q1
Fluoroscopic integration of the cardiac computed tomography as a guide for transeptal puncture during atrial fibrillation ablation: A feasibility study.	Rodríguez-Mañero M, Martínez-Sande JL, Fandiño R, García-Seara J, Chierchia GB, Fernández-López XA, Osorio I, de Alegría AM, Souto-Bayarri M, Brugada P, González-Juanatey JR.	Int J Cardiol.	2015 Apr 1;184:274-5.	0167-5273	4,036		Q1
ATP synthase subunit alpha and LV mass in ischaemic human hearts.	Roselló-Lletí E, Tarazón E, Barderas MG, Ortega A, Molina-Navarro MM, Martínez A, Lago F, Martínez-Dolz L, González-Juanatey JR, Salvador A, Portolés M, Rivera M.	J Cell Mol Med.	2015 Feb;19(2):442-51.	1582-4934	4,014		Q1
Lack of Hypophagia in CB1 Null Mice is Associated to Decreased Hypothalamic POMC and CART Expression	Lage R, Parisi C, Seoane-Collazo P, Fernø J, Mazza R, Bosch F, Seoane LM, Nogueiras R, Diéguez C, Quarta C, López M	Int J Neuropsychopharmacol	2015 Feb 5;18(9). pii: pyv011	1461-1457	4,009		Q1
Resequencing and association analysis of coding regions at twenty candidate genes suggest a role for rare risk variation at AKAP9 and protective variation at NRXN1 in schizophrenia susceptibility.	Suárez-Rama JJ, Arrojo M, Sobrino B, Amigo J, Brenlla J, Agra S, Paz E, Brión M, Carracedo Á, Páramo M, Costas J.	J Psychiatr Res.	2015 Jul-Aug;66-67:38-44.	0022-3956	3,957		Q1

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Hypothalamic-autonomic control of energy homeostasis	Seoane-Collazo P, Fernø J, Gonzalez F, Diéguez C, Leis R, Nogueiras R, López M	Endocrine	2015 Nov;50(2):276-91	1355-008X	3,878		Q2
Recombinant human leptin treatment in genetic lipodystrophic syndromes: the long-term Spanish experience.	Araujo-Vilar D, Sánchez-Iglesias S, Guillín-Amarelle C, Castro A, Lage M, Pazos M, Rial JM, Blasco J, Guillén-Navarro E, Domingo-Jiménez R, del Campo MR, González-Méndez B, Casanueva FF.	Endocrine.	2015 May;49(1):139-47.	1355-008X	3,878		Q2
Protamine-based nanoparticles as new antigen delivery systems.	González-Aramundiz JV, Olmedo MP, González-Fernández Á, Fernández MJ, Csaba NS.	Eur J Pharm Biopharm.	2015 Oct 5. pii: S0939-6411(15)00399-9.	0939-6411	3,850		Q1
Nanotherapies for the treatment of ocular diseases.	Reimondez-Troitiño S, Csaba N, Alonso MJ, de la Fuente M.	Eur J Pharm Biopharm.	2015 Sep;95(Pt B):279-93.	0939-6411	3,850		Q1
Update in cardiology: vascular risk and cardiac rehabilitation.	Galve E, Cordero A, Bertomeu-Martínez V, Fácila L, Mazón P, Alegría E, Fernández de Bobadilla J, García-Porrero E, Martínez-Sellés M, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Feb;68(2):136-43.	1885-5857	3,792		Q2
Systolic aortic regurgitation. A new prognostic marker in heart failure patients?	Bonaque JC, Sánchez-Espino AD, Merchán G, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Feb;68(2):160-2.	1885-5857	3,792		Q2
Quality Markers in Cardiology. Main Markers to Measure Quality of Results (Outcomes) and Quality Measures Related to Better Results in Clinical Practice (Performance Metrics). INCARDIO (Indicadores de Calidad en Unidades Asistenciales del Área del Corazón): A SEC/SECTCV Consensus Position Paper.	López-Sendón J, González-Juanatey JR, Pinto F, Cuenca Castillo J, Badimón L, Dalmau R, González Torrecilla E, López-Mínguez JR, Maceira AM, Pascual-Figal D, Pomar Moya-Prats JL, Sionis A, Zamorano JL; INCARDIO Task Force (Indicadores de Calidad en Unidades Asistenciales del Área del Corazón: joint Sociedad Española de Cardiología and Sociedad Española de Cirugía Torácica Cardiovascular task force).	Rev Esp Cardiol (Engl Ed).	2015 Aug 25. pii: S1885-5857(15)00293-5.	1885-5857	3,792		Q2

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Prognostic Benefit of Beta-blockers After Acute Coronary Syndrome With Preserved Systolic Function. Still Relevant Today?	Raposeiras-Roubín S, Abu-Assi E, Redondo-Diéguez A, González-Ferreiro R, López-López A, Bouzas-Cruz N, Castiñeira-Busto M, Peña Gil C, García-Acuña JM, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Jul;68(7):585-91.	1885-5857	3,792		Q2
Predicting the risk of systemic septic embolism in patients with infective endocarditis.	Castiñeira-Busto M, Abu-Assi E, Martínez-Monzonis A, Peña-Gil C, Raposeiras-Roubin S, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Jan;68(1):78-9.	1885-5857	3,792		Q2
Noninvasive treatment of acute myocardial infarction. Clinical profile and predictors of poor prognosis.	González Ferreiro R, Raposeiras Roubín S, Assi EA, Castiñeiras Busto M, García Acuña JM, González Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Apr;68(4):343-5.	1885-5857	3,792		Q2
Long-term Prognosis of Patients With Non-ST-segment Elevation Acute Myocardial Infarction and Coronary Arteries Without Significant Stenosis.	Redondo-Diéguez A, Gonzalez-Ferreiro R, Abu-Assi E, Raposeiras-Roubin S, Aidhodjayeva O, López-López A, Castiñeira-Busto M, Peña-Gil C, García-Acuña JM, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Sep;68(9):777-84.	1885-5857	3,792		Q2
Introduction of Innovations in Heart Disease in Spain: InnovaSEC.	Sampietro-Colom L, Brugada-Terradellas J, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Oct;68(10):834-7.	1885-5857	3,792		Q2
Impact of Acute Coronary Syndrome Complicated by Ventricular Fibrillation on Long-term Incidence of Sudden Cardiac Death.	Álvarez-Álvarez B, Bouzas-Cruz N, Abu-Assi E, Raposeiras-Roubin S, López-López A, González Cambeiro MC, Peña-Gil C, García-Acuña JM, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Oct;68(10):878-84.	1885-5857	3,792		Q2
Control of cardiovascular risk factors in revascularized patients with diabetes: a subanalysis of the ICP-Bypass study.	Mazón-Ramos P, Cordero A, González-Juanatey JR, Bertomeu Martínez V, Delgado E, Vitale G, Fernández-Anaya S.	Rev Esp Cardiol (Engl Ed).	2015 Feb;68(2):115-20.	1885-5857	3,792		Q2
Clinical treatment and prognosis in patients with acute coronary syndrome and anemia. Response.	Raposeiras-Roubín S, Abu-Assi E, García Acuña JM, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Apr;68(4):356.	1885-5857	3,792		Q2
Beta-blocker Use After an Acute Coronary Syndrome. Which one, in Whom, and for How Long? Response.	Raposeiras Roubín S, Abu-Assi E, González-Juanatey JR.	Rev Esp Cardiol (Engl Ed).	2015 Oct 6. pii: S1885-5857(15)00332-1.	1885-5857	3,792		Q2

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Computer-aided structure-based design of multitarget leads for Alzheimer's disease	Dominguez JL, Fernández-Nieto F, Castro M, Catto M, Paleo MR, Porto S, Sardina FJ, Brea JM, Carotti A, Villaverde MC, Sussman F.	J Chem Inf Model	2015 Jan;55(1):135-48	1549-9596	3,738	D1	Q1
Evaluation of SAME-TT2R2 risk score for predicting the quality of anticoagulation control in a real-world cohort of patients with non-valvular atrial fibrillation on vitamin-K antagonists.	Abumuaileq RR, Abu-Assi E, Raposeiras-Roubin S, López-López A, Redondo-Diéguez A, Álvarez-Iglesias D, Rodríguez-Mañero M, Peña-Gil C, González-Juanatey JR.	Europace.	2015 May;17(5):711-7.	1099-5129	3,670		Q2
Enhanced in vivo therapeutic efficacy of plitidepsin-loaded nanocapsules decorated with a new poly-aminoacid-PEG derivative.	Lollo G, Hervella P, Calvo P, Avilés P, Guillén MJ, Garcia-Fuentes M, Alonso MJ, Torres D.	Int J Pharm.	2015 Apr 10;483(1-2):212-9.	0378-5173	3,650		Q1
Analysis of PTEN ubiquitylation and SUMOylation using molecular traps.	Lang V, Aillet F, Da Silva-Ferrada E, Xolalpa W, Zabaleta L, Rivas C, Rodriguez MS.	Methods.	2015 May;77-78:112-8.	1046-2023	3,645		Q1
Hold your horSSEs: controlling structure-selective endonucleases MUS81 and Yen1/GEN1.	Blanco MG, Matos J.	Front Genet.	2015 Jul 30;6:253.	1664-8021	3,474		Q1
Longitudinal analysis of maternal serum Follistatin concentration in normal pregnancy and preeclampsia	Garcés MF, Vallejo SA, Sanchez E, Palomino-Palomino MA, Leal LG, Ángel-Muller E, Díaz-Cruz LA, Ruíz-Parra AI, González-Clavijo AM, Castaño JP, Abba M, Lacunza E, Diéguez C, Nogueiras R, Caminos JE	Clin Endocrinol (Oxf)	2015 Aug;83(2):229-35	0300-0664	3,457		Q2
Synthesis by microwave-assisted 1,3-dipolar cycloaddition of 1,2,3-triazole 1'-homo-3'-isoazanucleosides and evaluation of their anticancer activity.	Ferreira da Costa J, García-Mera X, Caamaño O, Brea JM, Loza MI.	Eur J Med Chem.	2015 Jun 15;98:212-20.	0223-5234	3,447		Q1
Corneal epithelial wound healing and bactericidal effect of conditioned medium from human uterine cervical stem cells.	Bermudez MA, Sendon-Lago J, Eiro N, Treviño M, Gonzalez F, Yebra-Pimentel E, Giraldez MJ, Macia M, Lamelas ML, Saa J, Vizoso F, Perez-Fernandez R.	Invest Ophthalmol Vis Sci.	2015 Jan 22;56(2):983-92.	0146-0404	3,404		Q1
Reelin influences the expression and function of dopamine D2 and serotonin 5-HT2A receptors: a comparative study.	Varela MJ, Lage S, Caruncho HJ, Cadavid MI, Loza MI, Brea J.	Neuroscienc e.	2015 Apr 2;290:165-74.	0306-4522	3,357		Q2
Relation of contrast induced nephropathy to new onset atrial fibrillation in acute coronary syndrome.	Raposeiras Roubín S, Abellas-Sequeiros RA, Abu Assi E, Yousef-Abumuaileq RR, Rodríguez Mañero M, Iglesias Álvarez D, González-Salvado V, González Ferreiro R,	Am J Cardiol.	2015 Mar 1;115(5):587-91.	0002-9149	3,276		Q2

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	Redondo Diéguez A, Ocaranza Sánchez R, Virgós Lamela A, Peña Gil C, García Acuña JM, González Juanatey JR.						
Population genetics of nosema apis and nosema ceranae: One host (apis mellifera) and two different histories	Maside X, Gómez-Moracho T, Jara L, Martín-Hernández R, De la Rúa P, Higes M, Bartolomé C.	PLoS One	2015 Dec 31;10(12):e0145609. doi: 10.1371/journal.pone.0145609. ECollection 2015.	1932-6203	3,234		Q1
Maternal Serum Meteorin Levels and the Risk of Preeclampsia	Garcés MF, Sanchez E, Cardona LF, Simanca EL, González I, Leal LG, Mora JA, Bedoya A, Alzate JP, Sánchez ÁY, Eslava-Schmalbach JH, Franco-Vega R, Parra MO, Ruíz-Parra AI, Diéguez C, Nogueiras R, Caminos JE	PLoS One	2015 Jun 29;10(6):e0131013	1932-6203	3,234		Q1
Effect of oral glucose administration on rebound growth hormone release in normal and obese women: the role of adiposity, insulin sensitivity and ghrelin	Pena-Bello L, Pertega-Diaz S, Outeiriño-Blanco E, Garcia-Buela J, Tovar S, Sangiao-Alvarellos S, Dieguez C, Cordido F	PLoS One	2015 Mar 17;10(3):e0121087	1932-6203	3,234		Q1
Genetic Analysis of Arrhythmogenic Diseases in the Era of NGS: The Complexity of Clinical Decision-Making in Brugada Syndrome.	Allegue C, Coll M, Mates J, Campuzano O, Iglesias A, Sobrino B, Brion M, Amigo J, Carracedo A, Brugada P, Brugada J, Brugada R.	PLoS One.	2015 Jul 31;10(7):e0133037.	1932-6203	3,234		Q1
Evaluation of DNA variants associated with androgenetic alopecia and their potential to predict male pattern baldness.	Marcińska M, Pośpiech E, Abidi S, Andersen JD, van den Berge M, Carracedo Á, Eduardoff M, Marczakiewicz-Lustig A, Morling N, Sijen T, Skowron M, Söchtig J, Syndercombe-Court D, Weiler N; EUROFORGEN-NoE Consortium, Schneider PM, Ballard D, Børsting C, Parson W, Phillips C, Branicki W.	PLoS One.	2015 May 22;10(5):e0127852.	1932-6203	3,234		Q1
Elevational gradients in β-diversity reflect variation in the strength of local community assembly	Tello JS, Myers JA, Macía MJ, Fuentes AF, Cayola L, Arellano G, Loza MI, Torrez V, Cornejo M, Miranda TB,	PLoS One.	2015 Mar 24;10(3):e0126203	1932-6203	3,234		Q1

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mechanisms across spatial scales.	Jørgensen PM.		1458.				
A genome wide association study links glutamate receptor pathway to sporadic Creutzfeldt-Jakob disease risk.	Sanchez-Juan P, Bishop MT, Kovacs GG, Calero M, Aulchenko YS, Ladogana A, Boyd A, Lewis V, Ponto C, Calero O, Poleggi A, Carracedo Á, van der Lee SJ, Ströbel T, Rivadeneira F, Hofman A, Haik S, Combarros O, Berciano J, Uitterlinden AG, Collins SJ, Budka H, Brandel JP, Laplanche JL, Pocchiari M, Zerr I, Knight RS, Will RG, van Duijn CM.	PLoS One.	2015 Apr 28;10(4):e0123654.	1932-6203	3,234		Q1
Patients with dilated cardiomyopathy and sustained monomorphic ventricular tachycardia show up-regulation of KCNN3 and KCNJ2 genes and CACNG8-linked left ventricular dysfunction	Ortega A, Tarazón E, Roselló-Lletí E, Gil-Cayuela C, Lago F, González-Juanatey JR, Cinca J, Jorge E, Martínez-Dolz L, Portolés M, Rivera M	PloS one	2015 Dec 28;10(12):e0145518	1932-6203	3,234		Q1
Recent worldwide expansion of Nosema ceranae (Microsporidia) in Apis mellifera populations inferred from multilocus patterns of genetic variation.	Gómez-Moracho T, Bartolomé C, Bello X, Martín-Hernández R, Higes M, Maside X.	Infect Genet Evol.	2015 Apr;31:87-94.	1567-1348	3,015		Q2
Glycated human serum albumin induces NF-κB activation and endothelial nitric oxide synthase uncoupling in human umbilical vein endothelial cells.	Rodiño-Janeiro BK, Paradela-Dobarro B, Raposeiras-Roubín S, González-Peteiro M, González-Juanatey JR, Álvarez E.	J Diabetes Complications.	2015 Jul 18. pii: S1056-8727(15)00288-3.	1056-8727	3,005		Q2
Predicting proliferative vitreoretinopathy: temporal and external validation of models based on genetic and clinical variables.	Rojas J, Fernandez I, Pastor JC, MacLaren RE, Ramkissoon Y, Harsum S, Charteris DG, Van Meurs JC, Amarakoon S, Garcia-Arumi J, Ruiz-Moreno JM, Rocha-Sousa A, Brion M, Carracedo A; Genetics on PVR Study Group (web file).	Br J Ophthalmol.	2015 Jan;99(1):41-8.	0007-1161	2,976		Q1
Multitarget-directed tricyclic pyridazinones as G protein-coupled receptor ligands and cholinesterase inhibitors.	Pau A, Catto M, Pinna G, Frau S, Murineddu G, Asproni B, Curzu MM, Pisani L, Leonetti F, Loza MI, Brea J, Pinna GA, Carotti A.	ChemMedChem.	2015 Jun;10(6):1054-70.	1860-7179	2,968		Q2
3-Amidocoumarins as Potential Multifunctional Agents against Neurodegenerative Diseases.	Matos MJ, Rodríguez-Enríquez F, Borges F, Santana L, Uriarte E, Estrada M, Rodríguez-Franco MI, Laguna R, Viña D.	ChemMedChem.	2015 Oct 23.	1860-7179	2,968		Q2
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investigate the involvement of subtle cardiac conditions in sudden unexpected death in infancy and early childhood.	Schneider PM, Carracedo A, Brion M.	Child.	Oct;100(10):952-6.	9888			
The Adipokine Chemerin Induces Apoptosis in Cardiomyocytes	Rodríguez-Penas D, Feijóo-Bandín S, García-Rúa V, Mosquera-Leal A, Durán D, Varela A, Portolés M, Roselló-Lletí E, Rivera M, Diéguez C, Gualillo O, González-Juanatey JR, Lago F	Cell Physiol Biochem	2015 37(1):176-92	1015-8987	2,875		Q2
Gene expression network analysis reveals new transcriptional regulators as novel factors in human ischemic cardiomyopathy.	Herrer I, Roselló-Lletí E, Ortega A, Tarazón E, Molina-Navarro MM, Triviño JC, Martínez-Dolz L, Almenar L, Lago F, Sánchez-Lázaro I, González-Juanatey JR, Salvador A, Portolés M, Rivera M.	BMC Med Genomics.	2015 Mar 29;8:14.	1755-8794	2,873		Q2
An efficient screening method for simultaneous detection of recurrent copy number variants associated with psychiatric disorders.	Rodríguez-Lopez J, Carrera N, Arrojo M, Amigo J, Sobrino B, Páramo M, Paz E, Agra S, Ramos-Ríos R, Brenlla J, Carracedo Á, Costas J.	Clin Chim Acta.	2015 May 20;445:34-40.	0009-8981	2,824		Q1
Risk stratification for the development of heart failure after acute coronary syndrome at the time of hospital discharge: Predictive ability of GRACE risk score.	Raposeiras-Roubín S, Abu-Assi E, López-López A, Bouzas-Cruz N, Castiñeira-Busto M, Cambeiro-González C, Álvarez-Álvarez B, Virgós-Lamela A, Varela-Román A, García-Acuña JM, González-Juanatey JR.	J Cardiol.	2015 Sep;66(3):224-31.	0914-5087	2,782		Q2
RB mutation and RAS overexpression induce resistance to NK cell-mediated cytotoxicity in glioma cells.	Orozco-Morales M, Sánchez-García FJ, Golán-Cancela I, Hernández-Pedro N, Costoya JA, de la Cruz VP, Moreno-Jiménez S, Sotelo J, Pineda B.	Cancer Cell Int.	2015 Jun 5;15:57.	1475-2867	2,766		Q3
Nanomedicine and cancer immunotherapy – targeting immunosuppressive cells.	Torres Andón F, Alonso MJ.	J Drug Target.	2015 Aug;23(7-8):656-71.	1061-186X	2,741		Q2
Sequenom MassARRAY approach in the arrhythmogenic right ventricular cardiomyopathy post-mortem setting: clinical and forensic implications.	Alcalde M, Campuzano O, Allegue C, Torres M, Arbelo E, Partemi S, Iglesias A, Brugada J, Oliva A, Carracedo A, Brugada R.	Int J Legal Med.	2015 Jan;129(1):1-10.	0937-9827	2,714		Q1
Exploration of SNP variants affecting hair colour prediction in Europeans.	Söchtig J, Phillips C, Maroñas O, Gómez-Tato A, Cruz R, Alvarez-Dios J, de Cal MÁ, Ruiz Y, Reich K, Fondevila M, Carracedo Á, Lareu MV.	Int J Legal Med.	2015 Sep;129(5):963-75.	0937-9827	2,714		Q1

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Leptin, 20years of searching for glucose homeostasis	Fernández-Formoso G, Pérez-Sieira S, González-Touceda D, Dieguez C, Tovar S	Life Sci	2015 Nov 1;140:4-9	0024-3205	2,702		Q2
20years of leptin: Role of leptin in cardiomyocyte physiology and physiopathology.	Feijóo-Bandín S, Portolés M, Roselló-Lletí E, Rivera M, González-Juanatey JR, Lago F.	Life Sci.	2015 Nov 1;140:10-8.	0024-3205	2,702		Q2
Maternal serum omentin-1 profile is similar in humans and in the rat animal model	Garcés MF, Ruíz-Linares CE, Vallejo SA, Peralta JJ, Sanchez E, Ortiz-Rovira A, Curtidor Y, Parra MO, Leal LG, Alzate JP, Acosta BJ, Diéguez C, Nogueiras R, Caminos JE	Citokine.	2015 Sep;75(1):136-41	1043-4666	2,664		Q3
Advanced glycation end-products as long-term predictors of death and reinfarction after an acute coronary syndrome.	Raposeiras-Roubín S, Rodino-Janeiro BK, Paradela-Dobarro B, Almansour H, Grigorian-Shamagian L, Reino-Maceiras MV, García-Acuña JM, González-Juanatey JR, Álvarez E.	Biomark Med.	2015;9(3):209-16.	1752-0363	2,646		Q2
What is the real relevance of endogenous ghrelin?	Al Massadi O, López M, Fernø J, Diéguez C, Nogueiras R	Peptides	2015 Aug;70:1-6. doi: 10.1016	0196-9781	2,618		Q2
affy2sv: an R package to pre-process Affymetrix CytoScan HD and 750K arrays for SNP, CNV, inversion and mosaicism calling.	Hernandez-Ferrer C, Quintela Garcia I, Danielski K, Carracedo Á, Pérez-Jurado LA, González JR.	BMC Bioinformatics.	2015 May 20;16:167.	1471-2105	2,576		Q1
Aetiology and epidemiology of human cryptosporidiosis cases in Galicia (NW Spain), 2000-2008.	Abal-Fabeiro JL, Maside X, Llovo J, Bartolomé C.	Epidemiol Infect.	2015 Oct;143(14):3022-35.	0950-2688	2,535		Q2
Epidemiological trends of histopathologically WHO classified CNS tumors in developing countries: systematic review.	Khan I, Bangash M, Baeesa S, Jamal A, Carracedo A, Alghamdi F, Qashqari H, Abuzenadah A, AlQahtani M, Damanhoury G, Chaudhary A, Hussein D.	Asian Pac J Cancer Prev.	2015;16(1):205-16.	1513-7368	2,514		Q3
New selective A2A agonists and A3 antagonists for human adenosine receptors: synthesis, biological activity and molecular docking studies.	Rodríguez A, Guerrero A, Gutierrez de Terán H, Rodríguez D, Brea J, Loza MI, Rosell G, Bosh MP.	MedChemComm	2015,6, 1178-1185		2,495		Q2
The Pyrazolobenzothiazine Core as a New Chemotype of p38 Alpha Mitogen-Activated Protein Kinase Inhibitors.	Sabatini S, Manfroni G, Barreca ML, Bauer SM, Gargaro M, Cannalire R, Astolfi A, Brea J, Vacca C, Pirro M, Massari S, Tabarrini O, Loza MI, Fallarino F, Laufer SA, Cecchetti V.	Chem Biol Drug Des.	2015 Oct;86(4):531-45.	1747-0277	2,485		Q2

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Potent and selective MAO-B inhibitory activity: amino- versus nitro-3-aryl coumarin derivatives.	Matos MJ, Rodríguez-Enríquez F, Vilar S, Santana L, Uriarte E, Hripcsak G, Estrada M, Rodríguez-Franco MI, Viña D.	Bioorg Med Chem Lett.	2015 Feb 1;25(3):642-8.	0960-894X	2,420		Q2
Exon array analysis reveals genetic heterogeneity in a typical femoral fractures. A pilot study	Pérez-Núñez I, Pérez-Castrillón JL, Zarrabeitia MT3, García-Ibarbia C, Martínez-Calvo L, Olmos JM4, Briongos LS, Riancho J, Camarero V, Muñoz Vives JM6, Cruz R, Riancho JA	Mol Cell Biochem.	2015 Nov;409(1-2):45-50	0300-8177	2,393		Q3
Paternal lineages in Libya inferred from Y-chromosome haplogroups.	Triki-Fendri S, Sánchez-Diz P, Rey-González D, Ayadi I, Carracedo Á, Rebai A.	Am J Phys Anthropol.	2015 Jun;157(2):242-51.	0002-9483	2,379		Q3
Proteinase K and the structure of PrPSc: The good, the bad and the ugly.	Silva CJ, Vázquez-Fernández E, Onisko B, Requena JR.	Virus Res.	2015 Sep 2;207:120-6.	0168-1702	2,324		Q3
Prion-like diseases: Looking for their niche in the realm of infectious diseases.	Castilla J, Requena JR.	Virus Res.	2015 Sep 2;207:1-4.	0168-1702	2,324		Q3
Eyelid metastasis as the initial presentation of a renal cell carcinoma.	Gonzalez F1, Abalo-Lojo JM2, Suarez-Peñaranda JM3, Caneiro-Gómez J	Urology	2015 May;85(5):e35-6	0090-4295	2,188		Q2
Interstitial microdeletions including the chromosome band 4q13.2 and the UBA6 gene as possible causes of intellectual disability and behavior disorder.	Quintela I, Barros F, Fernandez-Prieto M, Martinez-Regueiro R, Castro-Gago M, Carracedo A, Gomez-Lado C, Eiris J.	Am J Med Genet A.	2015 Dec;167(12):3113-20	1552-4825	2,159		Q3
Female patient with autistic disorder, intellectual disability, and co-morbid anxiety disorder: Expanding the phenotype associated with the recurrent 3q13.2-q13.31 microdeletion.	Quintela I, Gomez-Guerrero L, Fernandez-Prieto M, Resches M, Barros F, Carracedo A.	Am J Med Genet A.	2015 Dec;167(12):3121-9	1552-4825	2,159		Q3
Clinical characterization of a male patient with the recently described 8q21.11 microdeletion syndrome.	Quintela I, Barros F, Castro-Gago M, Carracedo A, Eiris J.	Am J Med Genet A.	2015 Jun;167(6):1369-73.	1552-4825	2,159		Q3
A maternally inherited 16p13.11-p12.3 duplication	Quintela I, Barros F, Lago-Leston R, Castro-Gago M,	Am J Med	2015	1552-	2,159		Q3

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concomitant with a de novo SOX5 deletion in a male patient with global developmental delay, disruptive and obsessive behaviors and minor dysmorphic features.	Carracedo A, Eiris J.	Genet A.	Jun;167(6):13 15-22.	4825			
Pore size is a critical parameter for obtaining sustained protein release from electrochemically synthesized mesoporous silicon microparticles	E.L. Pastor, E. Reguera-Nuñez, E. Matveeva, M. Garcia-Fuentes	PeerJ	2015 Oct 6; 3:e1277		2,112		Q1
Differential diagnosis of the honey bee trypanosomatids crithidia mellificae and Lotmaria passim	Ravoet J, Schwarz RS, Descamps T, Yañez O, Tozkar CO, Martin-Hernandez R, Bartolomé C , De Smet L, Higes M, Wenseleers T, Schmid-Hempel R, Neumann P, Kadowaki T, Evans JD, de Graaf DC.	J Invertebr Pathol	2015 Sep;130:21-7. doi: 10.1016/j.jip.2015.06.007. Epub 2015 Jul 3.	0022- 2011	2,110		Q1
Real world comparison of the MGuard Stent versus the bare metal stent for ST elevation myocardial infarction (the REWARD-MI study).	Fernández-Cisnal A, Cid-Álvarez B, Álvarez-Álvarez B, Cubero-Gómez JM, Ocaranza-Sánchez R, López-Otero D, Souto-Castro P, Díaz de la Llera LS, Trillo-Nouche R, González-Juanatey JR.	Catheter Cardiovasc Interv.	2015 Jan 1;85(1):E1-9.	1522- 1946	2,107		Q2
Evolutionary history of the Azteca-like mariner transposons and their host ants.	Palomeque T, Sanllorente O, Maside X, Vela J, Mora P, Torres MI, Periquet G, Lorite P.	Naturwissenschaften.	2015 Aug;102(7-8):44.	0028- 1042	2,098		Q1
Is Acarapis woodi a single species? A new PCR protocol to evaluate its prevalence.	Cepero A, Martín-Hernández R, Prieto L, Gómez-Moracho T, Martínez-Salvador A, Bartolomé C, Maside X, Meana A, Higes M.	Parasitol Res.	2015 Feb;114(2):65 1-8.	0932- 0113	2,098		Q2
Resolution of Recombination Intermediates: Mechanisms and Regulation.	West SC, Blanco MG, Chan YW, Matos J, Sarbajna S, Wyatt HD.	Cold Spring Harb Symp Quant Biol.	2015 Sep 14. pii: 027649. [Epub ahead of print] PubMed PMID: 26370409.	1943- 4456	1,937		Q1

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Comparison between CHA2DS2-VASc and the new R2CHADS2 and ATRIA scores at predicting thromboembolic event in non-anticoagulated and anticoagulated patients with non-valvular atrial fibrillation	Abumuaileq RR, Abu-Assi E, López-López A, Raposeiras-Roubin S, Rodríguez-Mañero M, Martínez-Sande L, García-Seara J, Fernandez-López XA, Peña-Gil C, González-Juanatey JR	BMC Cardiovasc Disord	2015 Nov 19;15:156	1471-2261	1,878		Q3
Screening of repetitive motifs inside the genome of the flat oyster (<i>Ostrea edulis</i>): Transposable elements and short tandem repeats.	Vera M, Bello X, Álvarez-Dios JA, Pardo BG, Sánchez L, Carlsson J, Carlsson JE, Bartolomé C, Maside X, Martínez P.	Mar Genomics.	2015 Sep 1. pii: S1874-7787(15)30022-2.	1874-7787	1,792		Q3
Cone Beam Computed Tomography evaluation of palatal bone thickness for miniscrew placement in Down's syndrome.	Diniz-Freitas M, Seoane-Romero J, Fernández-Varela M, Abeleira MT, Diz P, Cadarso-Suárez C, Guler I, Limeres J.	Arch Oral Biol.	2015 Sep;60(9):1333-9.	0003-9969	1,735		Q2
Inferior frontal gyrus white matter abnormalities in obsessive-compulsive disorder.	Gonçalves ÓF, Sousa S, Maia L, Carvalho S, Leite J, Ganho A, Fernandes-Gonçalves A, Frank B, Pocinho F, Carracedo A, Sampaio A.	Neuroreport.	2015 Jun 17;26(9):495-500.	0959-4965	1,520		Q4
[Uncommon lipodystrophic syndromes].	Guillín-Amarelle C, Sánchez-Iglesias S, Araújo-Vilar D.	Med Clin (Barc).	2015 Jan 20;144(2):80-7.	0025-7753	1,417		Q2
Post-introduction observation of transcatheter aortic valve implantation in Galicia (Spain).	Varela-Lema L, Queiro-Verdes T, Baz-Alonso JA, Cuenca-Castillo JJ, Durán-Muñoz D, González-Juanatey JR, Herrera Noreña JM, Iñiguez-Romo A, López-Otero D, Pradas-Montilla G, Rubio-Álvarez J, Salgado-Fernández J, Trillo Nouche R, Vázquez-González N, López-García M.	J Eval Clin Pract.	2015 Feb;21(1):34-42.	1356-1294	1,084		Q3
[Diagnosis and treatment of familial hypercholesterolemia in Spain: consensus document].	Mata P, Alonso R, Ruiz A, Gonzalez-Juanatey JR, Badimón L, Díaz-Díaz JL, Muñoz MT, Muñiz O, Galve E, Irigoyen L, Fuentes-Jiménez F, Dalmau J, Pérez-Jiménez F; otros colaboradores.	Aten Primaria.	2015 Jan;47(1):56-65.	0212-6567	0,953		Q3
Neural activity in monkey amygdala during performance of a multisensory operant task.	Montes-Lourido P, Vicente AF, Bermudez MA, Gonzalez F.	J Integr Neurosci.	2015 Sep;14(3):309-23.	0219-6352	0,935		Q4

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[Molecular characterisation and phenotypic description of two patients with reciprocal chromosomal aberrations in the region of the 3q29 microdeletion/microduplication syndromes].	Quintela I, Barros-Angueira F, Perez-Gay L, Dacruz D, Castro-Gago M, Carracedo A, Eiris-Punal J.	Rev Neurol.	2015 Sep 16;61(6):255-60.	0210-0010	0,830		Q4
[Deletion of the RPS6KA3 gene in a female with a classical phenotype of Coffin-Lowry syndrome including stimulus-induced drop attacks].	Quintela I, Barros-Angueira F, Pérez-Gay L, Castro-Gago M, Carracedo Á, Eirís-Puñal J.	Rev Neurol.	2015 Jul 16;61(2):94-6.	0210-0010	0,830		Q4
Autism spectrum symptoms in Smith-Magenis syndrome and Williams syndrome: comparisons and contrasts	Osório A., Sampaio, A., Martínez-Regueiro, R., Garayzábal-Heinze; E., Carracedo, A. & Fernández Prieto, M.	International Journal of Developmental Disabilities	2015; 61(1), 49-55	2047-3877	0,548		Q3
Systemic sclerosis: A rare cause of heart failure?	González-Cambeiro MC, Abu-Assi E, Abumuailleq RR, Raposeiras-Roubín S, Rigueiro-Veloso P, Virgós-Lamela A, Díaz-Castro O, González-Juanatey JR.	Rev Port Cardiol.	2015 Oct;34(10):617.e1-5.	0870-2551	0,454		Q4
Mortality and cardiovascular morbidity within 30 days of discharge following acute coronary syndrome in a contemporary European cohort of patients: How can early risk prediction be improved? The six-month GRACE risk score.	Raposeiras-Roubín S, Abu-Assi E, Cambeiro-González C, Álvarez-Álvarez B, Pereira-López E, Gestal-Romaní S, Pedreira-López M, Rigueiro-Veloso P, Virgós-Lamela A, García-Acuña JM, González-Juanatey JR.	Rev Port Cardiol.	2015 Jun;34(6):383-91.	0870-2551	0,454		Q4

b. Books And Book Chapters:

Book Title	Editor	Editorial	City	ISBN	Pages	Chapter title	Authors	Star-End Pages	Chapter number
Polymers in Regenerative Medicine: Biomedical Applications from Nano-to Macro Structures	M. Monleon Pradas and M.J. Vicent	John Wiley & Sons, Inc	Hoboken, New Jersey	ISBN 978-04-705-9638-8	416	How Regenerative Medicine Can Benefit from Nucleic Acids Delivery Nanocarriers?"	E. Borrajo, A. Vidal, M.J. Alonso, M. Garcia-Fuentes	285-336	9
MANUAL DE ENDOCRINOLOGIA Y NUTRICION DE LA SEEN (2ª Edición 2015) (LIBRO INTERACTIVO WEBAPP)	Isidoro Cano, JA	SEEN	España		Interactivo (117 capítulos, 400 tablas 250 imágenes)	Aplicaciones clínicas de la biología molecular en endocrinología	Clara Alvarez	1--29	1
Cardio-Oncology	Juan Carlos Plana, Teresa López Fernández, José Juan Gómez de Diego, y Miguel Ángel García	C.T.O. Editorial, S L.	ESPAÑA	978-84-16403-59-2	436	Treatment of Cardiovascular Risk Factors in Cancer Patients	José Ramón González Juanatey	233-240	20

Fernández									
Cardiogenética	Antonio José López Farré	C.T.O. Editorial, S L.	ESPAÑA	978-84- 16153-91-6	360	Genética de la miocardiopatía restrictiva cardíaca	José Ramón González Juanatey	57-66	6

c. Patents

NEW Patent applications (OEPM)						
Application number	Application Date	Title	GI	Status	Under exploitation	
P201531297	10/09/2015	MÉTODO PARA LA SEPARACIÓN DE LA FRACCIÓN UNIDA A GLUCOSAMINOGLICANOS Y SUS APLICACIONES	1736	En trámite OEPM	Non	
EP15382229	05/05/2015	Riboflavin for the treatment of ischemic stroke and/or other glutamate excitotoxicity-associated diseases	1685	En trámite OEPM	Non	
EP15382519	22/10/2015	Methods of using up-regulators of the expression of p53 and/or down-regulators or inhibitors of the expression of p63 for the treatment of NAFLD (Non-alcoholic fatty liver disease) and/or NASH (non-alcoholic steatohepatitis)	1685 1233	En trámite OEPM	Non	

International extension of previous applications (previous priority)						
Application number	Application date	Title	GI	Status	Under exploitation	Priority application no.
EP13864214.5	16/04/2015	Nanocapsulas de protamina	1643	En trámite EPO	NO	P201231956

US14/653027	17/06/2015	Nanocapsulas de protamina	1643	En trámite USA	NO	P201231956
JP2015/548680	17/08/2015	Nanocapsulas de protamina	1643	En trámite JAPON	NO	P201231956
	17/08/2015	Nanocapsulas de protamina	1643	En trámite CHINA	NO	P201231956
BR 11 2015 014228-1	16/06/2015	Nanocapsulas de protamina	1643	En trámite BRASIL	NO	P201231956
PCT/EP2015/063164	12/06/2015	Nanocapsular formulation of active pharmaceutical ingredients	1643	En trámite PCT	Non	EP14305899.8
PCT7ES2015/000029	03/03/2015	Derivados de piridazin-3(2H)-ona inhibidores selectivos de la isoforma B de la monoaminoxidasa	1683	En trámite OEPM	NON	P201400162

Registration of previous applications						
Office	Registration no.	Registration Date	Title	GI	Under exploitation	Priority application no.
OEPM	ES2481940 B1	28/04/2015	Nanocapsulas de protamina	Gi-1643	NO	P201231956
OEPM	ES2522823 B2	24/11/2015	USO DE PARTÍCULAS PROTEICAS POLIMERIZADAS DE ORIGEN RECOMBINANTE PARA EL TRATAMIENTO DE PRIONOPATÍAS	1698	NO	P201330557
US	US9,023,370	05/05/2015	Conjugates comprising nanoparticles coated with platinum containing compounds		Si	EP08171870.2

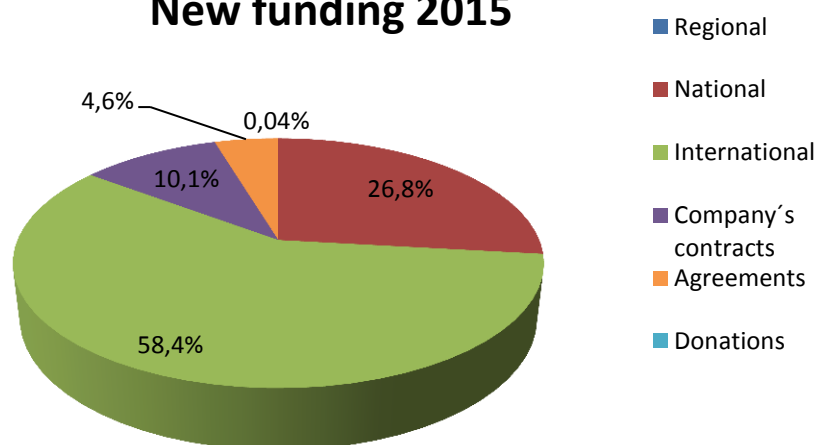
Previous patents under exploitation						
Title	PI	Company	Approval date	Start date	End date	
Quinazolinas S- sustituidas y sus aplicaciones terapéuticas para el tratamiento de enfermedades mediadas por PDE7	Loza García, María Isabel	BRAINCO BIOPHARMA, S.L.	11/09/2012	11/09/2012	10/09/2022	
Conjugates comprising nanoparticles coated with platinum containing compounds	Domínguez Puente, Fernando	NANOTARGETING, S.L.	01/08/2011	01/08/2011	31/07/2031	

3. FINANCIAL RESOURCES

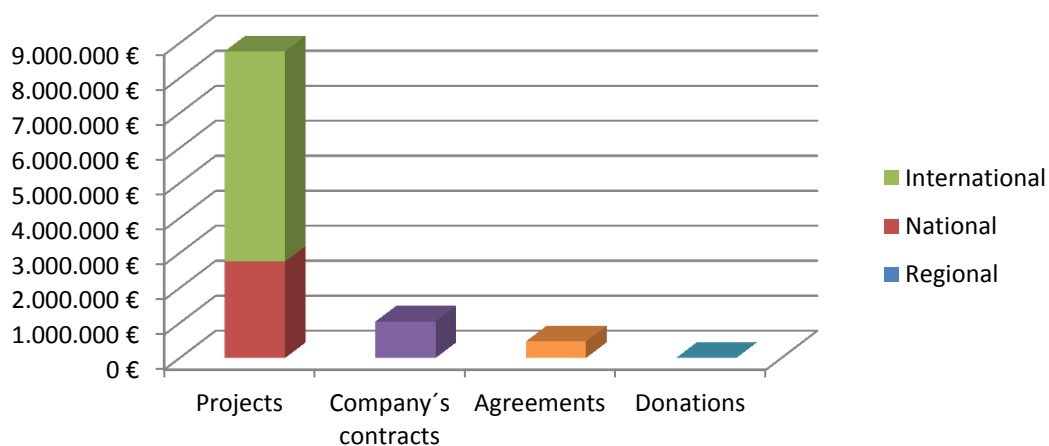
a. 2015 New Funding

Scope		Amount	Percentage	Nº
Projects	Regional	0,00 €	0,0%	0
	National	2.756.892,67 €	26,8%	17
	International	6.011.896,43 €	58,4%	10
Company's contracts		1.042.013,61 €	10,1%	22
Agreements		474.332,09 €	4,6%	5
Donation		4.000,00 €	0,04%	1
TOTAL		10.289.134,80 €	100,0%	55

New funding 2015



New funding 2015



Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Int	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	15/05/15	15/05/15	15/05/18	59950
Int	PanCanRisk: Personalised bioinformatics for global cancer susceptibility identification and clinical management	Carracedo Álvarez, Ángel María	COMISION EUROPEA		01/07/15	30/06/18	2.948.185,00
Int	Covariations between population neuronal activity and choice: a sensory or cognitive origin?	Pardo Vázquez, José Luis	HUMAN FRONTIER SCIENCE PROGRAM ORGANIZATION (HFSP)	17/09/15	01/10/15	06/10/16	5.939,92
Int	NanoFar: European Doctorate in nanomedicine and pharmaceutical innovation	Alonso Fernández, María José	COMISION EUROPEA	01/10/15	01/10/15	30/09/18	245.600,00
Int	Design and development of advanced NANomedicines to overcome Biological BARRiers and to treat severe diseases (NABBA)	Alonso Fernández, María José	COMISION EUROPEA	01/01/15	01/01/15	31/12/18	495.745,91
Int	Breast CANcer STRatification: understanding the determinants of risk and prognosis of molecular subtypes (B-CAST)	Carracedo Álvarez, Ángel María	COMISION EUROPEA	27/03/15	01/09/15	31/08/20	399.000,00
Int	The Effect of AIP mutations on the apoptotic RET pathway in pituitary	Álvarez Villamarín, M. Clara	MRC-QUEEN MARY UNIVERSITY OF LONDON	29/07/15	01/05/15	30/04/18	173.038,60

	adenomas MRC / MR/M018539/1 /010550 QM						
Int	Proyecto INNO-PHARMA: Plataforma de farmacogenómica aplicada a la validación de dianas y descubrimiento de fármacos candidatos a fases preclínicas	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	26/04/12	26/04/12	31/12/15	1.634.555,00
Int	Colaboración no desenvolvimento do proxecto 'Discovery of rare and ultra-rare frequency private population variation in cancer genes'	Carracedo Álvarez, Ángel María	KING ABDULAZIZ UNIVERSITY (KAU)	31/07/15	01/01/15	31/12/16	19.882,00
Int	Role of p53 on hepatic steatosis and insulin sensitivity	Nogueiras Pozo, Rubén	European Foundation for the Study of Diabetes (EFSD)	20/05/15	01/07/15	30/06/18	30.000,00
Nat	Red española de descubrimiento de fármacos. - REDES DE EXCELENCIA 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/11/15	01/12/15	30/11/17	35.000,00
Nat	BIOSTATNET: Afrontando retos de investigación bioestadística con proyección internacional. - REDES DE EXCELENCIA 2015	Cadarso Suárez, Carmen María	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/11/15	01/12/15	30/11/17	40.000,00
Nat	Plataforma de recursos biomoleculares e bioinformáticos, PRB2.	Carracedo Álvarez, Ángel María	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	01/01/15	01/01/15	31/12/17	669.551,80
Nat	Aplicación de la nanotecnología al desarrollo de vacunas para autoinmunidad. - RETOS 2014	Alonso Fernández, María José	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	229.900,00

Nat	Inferencia en los Modelos de Regresión Aditivos Estructurados (STAR) con Extensiones a Respuestas Multivariantes. Aplicaciones en Biomedicina. - RETOS 2014	Cadarso Suárez, Carmen María	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	58.080,00
Nat	Efectos biológicos de Ghrelin a nivel central sobre homeostasis energética y metabólica. - PROYECTOS I+D 2014	Diéguez González, Carlos	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	30/07/15	01/01/15	31/12/17	375.100,00
Nat	Nanomedicamentos altamente funcionales para la supresión de    células iniciadores de glioblastoma. - RETOS 2014	García Fuentes, Marcos	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	108.900,00
Nat	Aplicación de nuevos paradigmas en la farmacología molecular de los GPCRs a descubrimiento temprano de fármacos. - RETOS 2014 (Subproyecto coordinador).	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	121.000,00
Nat	Papel de SUMO en la interacción virus-PI3K/AKT. PROYECTOS I+D 2014	Rivas Vázquez, María Carmen	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	30/07/15	01/01/15	31/12/17	157.300,00
Nat	Papel en diabetes y cavernomas cerebrales de las quinasas GCKIII y proteínas asociadas. - RETOS 2014	Zalvide Torrente, Juan Bautista	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	121.000,00
Nat	Aplicación de la ultrasecuenciación de nueva generación para la caracterización taxonómica y análisis	Maside Rodríguez, Julio Manuel	INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGI	17/09/15	17/09/15	16/09/18	93.000,00

	poblacional de un tripanosomátido emergente que infecta abejas y otros himenópteros en la Península Ibérica. - INIA 2014		A AGRARIA Y ALIMENTARIA (INIA)				
Nat	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	16/12/15	01/01/16	31/12/18	110.715,00
Nat	Desarrollo de modelos fenotípicos in vitro de dolor y su aplicación al cribado de compuestos de alto rendimiento (High-Throughput Screening). - RETOS COLABORACIÓN 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	02/12/15	01/03/15	31/12/18	312.688,00
Nat	Descubrimiento y combinación de nuevos tratamientos para el tratamiento del cáncer basados en la modulación de dianas epigenéticas y los receptores de adenosina. - RETOS COLABORACIÓN 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	02/12/15	01/03/15	31/12/18	139.300,00
Nat	Regulación Central en la Homeostasis Energética	Tovar Carro, Sulay A.	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	06/10/15	03/11/15	02/11/19	40.000,00
Nat	Estudo da xenómica da leucemia linfocítica crónica (proyecto LLC)	Carracedo Álvarez, Ángel María	FUNDACION CLINIC PER A LA RECERCA BIOMEDICA	01/09/15	01/01/15	31/12/15	46.357,87

Nat	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	07/04/15	07/04/15	06/04/18	99.000,00
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TOTAL 8.768.789,10

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Cont	Estudio preliminar con gallo de determinar o tipo de asesoramiento estadístico baseado no desenvolvemento e aplicación de metodoloxías e análise de datos	Cadarso Suárez, Carmen María	VIVIA BIOTECH, S.L.	09/03/15	29/01/15	26/02/15	1.028,50
Cont	Asesoramento estadístico baseado na aplicación de metodoloxías estadísticas e análise de datos para unha publicación científica	Cadarso Suárez, Carmen María	HEALTH IN CODE, S.L.	12/03/15	06/04/15	30/04/15	713,9
Cont	Asesoramento científico e técnico naqueles proxectos relacionados con aplicacións biomédicas das nanopartículas, nanofibras e AQC nos que Nanogap estea involucrado	Domínguez Puente, Fernando	NANOGAP SUB-NM-POWDER, S.A.	28/02/15	28/02/15	27/02/16	12.000,00
Cont	Advisory services in the field of Hepatocellular Carcinoma through the appointment of Dr Jose Antonio Costoya-Puente as a member of Midatech Oncology Advisory Board (OAB)	Costoya Puente, José Antonio	MIDATECH PHARMA PLC	19/05/15	19/05/15	18/05/16	2.500,00
Cont	Puesta a punto y desarrollo de ensayos	Loza García, María Isabel	ONCOSTELL AE, S.L.	23/11/15	23/11/15	30/06/16	13.700,00

	farmacológicos y cribado de moléculas en dichos ensayos						
Cont	Estudio a nivel nacional del fármaco liraglutide	Cadarso Suárez, Carmen María	NOVO NORDISK PHARMA, S.A.	07/07/15	07/07/15	07/07/16	10.285,00
Cont	Puesta a punto y desarrollo de ensayos farmacológicos y cribado de moléculas en dichos ensayos	Loza García, María Isabel	PALOBIOFAR MA, S.L.	18/11/15	18/11/15	31/12/16	50.000,00
Cont	Puesta a punto y desarrollo de un ensayo radiactivo para la cuantificación de la actividad de las dianas epigenéticas de interés y cribado de moléculas en dichas dianas.	Loza García, María Isabel	ORYZON GENOMICS, S.A.	23/01/15	23/01/15	22/01/17	8.000,00
Cont	Services for the Study "international multi-centre clinical trials under Sponsor's Protocol 1373.3 to clinically evaluate Study Drug"	Costoya Puente, José Antonio	ABF PHARMACEUTICAL SERVICES GMBH	27/08/15	29/10/15	31/12/17	0
Cont	Investigación, desarrollo e innovación en nuevos alimentos multifuncionales para síndrome metabólico (METASIN) - Programa CIEN 2015	Costoya Puente, José Antonio	FEIRACO LACTEOS, S.L.U.	05/05/15	05/05/15	31/12/18	18.858,00
Cont	Research lines in Thyroid diseases	Álvarez Villamarín, M. Clara	ENDOSCIENCE SERVICE GMBH	23/11/15	23/11/15	22/11/2020	37.500,00
Cont	Contrato de servicio para "Genotipado masivo en plataforma de Alto Rendimiento para el Análisis Genómico en muestras para Estudio de Enfermedades Respiratorias" (exp. 01/2015)	Carracedo Álvarez, Ángel María	FUNDACION CANARIA DE INVESTIGACION SANITARIA (FUNCANIS)	10/07/15	10/07/15	09/07/17	77.317,34

Cont	Contrato de fornecimento de servicos de genotipagem de 82 mostras	Carracedo Álvarez, Ángel María	INSTITUTO DE PATOLOGIA E INMUNOLOGIA MOLECULAR DA UNIVERSIDADE DO PORTO	03/08/15	03/08/15	15/09/15	25.320,20
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	PALO BIOFARMA, S.L.	01/01/15	01/01/15	31/12/15	10.000,00
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	LANDSTEINER GENMED, S.L.	01/01/15	01/01/15	31/12/15	29.197,50
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	PLASMIA BIOTECH, S.L.	01/01/15	01/01/15	31/12/15	16.912,00
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	ELI LILLY AND COMPANY	01/01/15	01/01/15	31/12/15	159.058,80
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	UNILEVER CENTRE FOR MOLECULAR SCIENCES INFORMATICS	01/01/15	01/01/15	31/12/15	3.276,00
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	LILLY, S.A.	01/01/15	01/01/15	31/12/15	35.000,00
Cont	Servizo de Xenotipado	Carracedo Álvarez, Ángel María	LABORATORIO DE ANALISIS CLINICAS DR. JOAQUIM CHAVES	01/01/15	01/01/15	31/12/15	22.521,02
Cont	Servizo de Xenotipado	Carracedo Álvarez, Ángel María	Entidades públicas y fundaciones 1	01/01/15	01/01/15	31/12/15	496.411,70
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	Entidades públicas y fundaciones 2	01/01/15	01/01/15	31/12/15	12.413,65

TOTAL 1.042.013,61 €

Entidades públicas y fundaciones¹: Universidad Complutense de Madrid, Universidad de Oviedo, Universidad de Granada, Instituto de Salud Carlos III, Institut D'investigacions Biomediques Agusti Pi I Sunyer (Idibaps), Fundacio Imim- Fundacio Institut Municipal D' Investigacio Medica, Fundacion General de la Universidad de Valladolid, Universitat Jaume I, Universidad Del Pais Vasco, Universidad de Cordoba, Fundacion Publica Galega de Medicina

Xenómica, Universidad Autónoma de Barcelona, Fundació Institut D'Investigació Biomèdica de Bellvitge, Fundació Hospital Universitari Vall Hebron-Institut de Recerca (VHIR), Fundesalud-Fundación Para la Formación y la Investigación de los Profesionales de la Salud de Extremadura, Ciber de Salud Mental (Cibersam), Fundación Hospital Clínico Universitario de Valencia, Fundación Para la Investigación Hospital Gregorio Marañón, Fundación Privada Institut de Recerca Hospital de la Santa Creu I Sant Pau, Fundación Pública Andaluza Para la Gestión de la Investigación En Salud de Sevilla, Fundación Ramon Dominguez, Fundación Imabis, Fundación Docencia I Recerca Mutua de Terrassa, Instituto de Investigación Biomédica de Bellvitge, Instituto Aragonés de Ciencias de la Salud, Instituto Cajal – Csic, Centro de Investigación Biomédica En Red – Ciber, Hospital General de Valencia, Instituto de Investigación Marqués de Valdecilla – Idival, Instituto de Neurociencias – Csic, Universitat Pompeu Fabra, Fundación de Hospital General de Valencia, Fundación Para la Investigación Biomédica Del Hospital Clínico de San Carlos (Fibhsc), Fundación Para la Investigación Biomédica Del Hospital Universitario Puerta de Hierro Majadahonda, Fundación Para el Fomento de la Investigación Sanitaria y Biomédica de la Comunitat Valenciana, Clínica Universidad de Navarra, Universidade Estadual Paulista – Unesp, Ifapa Alameda Del Obispo, Fundación Canaria de Investigación Sanitaria (Funcanis), Consorcio Del Hospital General Universitario de Valencia, Instituto Nacional de Neurología y Neurocirugía, Fundación General de la Universidad Autónoma de Madrid – Fuam, Fundación Instituto de Estudios de Ciencias de la Salud de Castilla y León, Inst Andaluz de Inv y Form Agraria, Pesquera, Alimentaria y de la Producción Ecológica, Institut Pasteur Montevideo, Universidad Autónoma de Chile

Entidades públicas y fundaciones²: Instituto de Síntesis Química y Catálisis Homogénea (Csic), Universidad Autónoma de Madrid, Universidad de Burgos, Universidad de Vigo

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Agrem	Colaboración entre a Consellería de Cultura, Educación e Ordenación Universitaria e as universidades do SUG para o financiamento de centros de investigación (CIMUS)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	04/12/15	01/01/16	30/06/16	175.000,00
Agrem	Convenio de Colaboración para complementar as axudas ao personal investigador principal dos Programas Starting Grants, Consolidator Grants e Advanced Grants do Consello Europeo de Investigación	López Pérez, Miguel Antonio	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	10/07/15	01/01/15	15/12/16	99.619,49

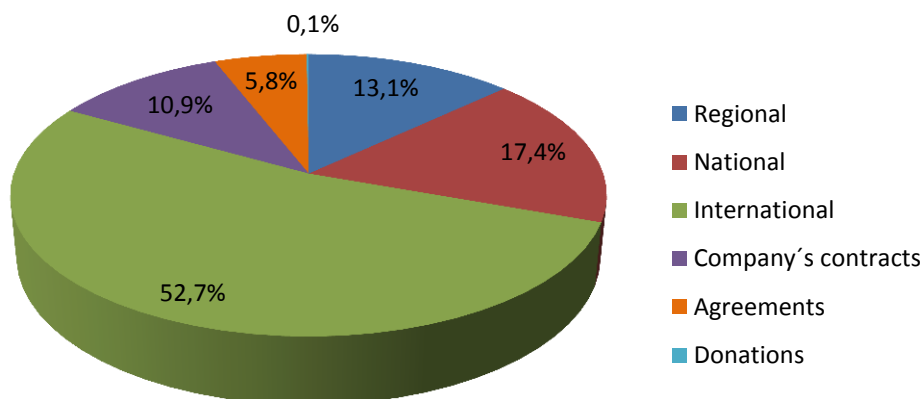
Agrem	Convenio de Colaboración para complementar as axudas ao personal investigador principal dos Programas Starting Grants, Consolidator Grants e Advanced Grants do Consello Europeo de Investigación	Nogueiras Pozo, Rubén	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	10/07/15	01/01/15	15/12/16	99.712,60
Agrem	Convenio para fomentar a actividade investigadora do persoal investigador finalista nas convocatorias de axudas do ERC no marco da H2020	Csaba, Noemí Stefanía	AXENCIA GALEGA DE INNOVACION	16/10/15	01/01/15	30/04/16	50.000,00
Agrem	Convenio para fomentar a actividade investigadora do persoal investigador finalista nas convocatorias de axudas do ERC no marco de H2020	García Fuentes, Marcos	AXENCIA GALEGA DE INNOVACION	16/10/15	01/01/15	30/04/16	50.000,00
TOTAL							474.332,09 €

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Don	Premio Nacional de Genética 2015	Carracedo Álvarez, Ángel María	SOCIEDAD ESPAÑOLA DE GENETICA	01/09/15	18/09/15	31/12/15	4.000,00
TOTAL							4.000,00

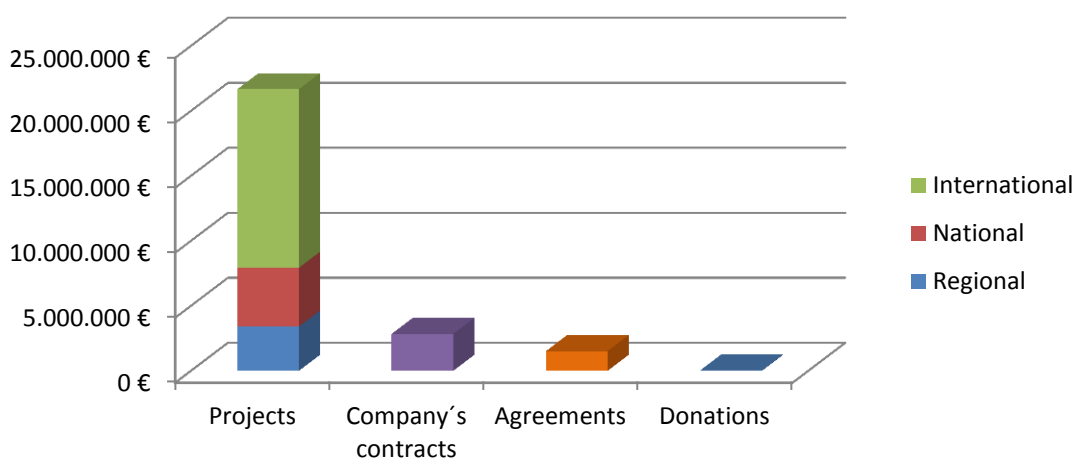
b. 2015 Active

Scope		Amount	Percentage	Nº
Projects	Regional	3.410.175,31 €	13,1%	17
	Nacional	4.521.263,67 €	17,4%	30
	International	13.730.965,68 €	52,7%	25
Company's contracts		2.839.322,20 €	10,9%	33
Agreements		1.512.787,59 €	5,8%	16
Donations		35.200,00	0,1%	2
TOTAL		26.049.714,45 €	100,0%	123

Active 2015



Active 2015



Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Int	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	Alonso Fernández, María José	MRC-UNIVERSITY OF MANITOBA	18/10/14	13/06/14	31/05/17	184.727,52
Int	A pilot plant for the production of Polymer based nanopharmaceuticals in compliance with GMP (NANO PILOT)	Alonso Fernández, María José	COMISION EUROPEA	15/12/14	01/01/15	31/12/18	273.499,99
Int	An open, integrated and sustainable chemistry, biology and pharmacology knowledge resource for drug discovery (OPENPHACTS)	Loza García, María Isabel	COMISION EUROPEA	02/03/11	01/03/11	29/02/16	331.760,00
Int	Breast CAncer STRatification: understanding the determinants of risk and prognosis of molecular subtypes (B-CAST)	Carracedo Álvarez, Ángel María	COMISION EUROPEA	27/03/15	01/09/15	31/08/20 20	399.000,00
Int	Colaboración no desenvolvemento do proxecto 'Discovery of rare and ultra-rare frequency private population variation in cancer genes'	Carracedo Álvarez, Ángel María	KING ABDULAZIZ UNIVERSITY (KAU)	31/07/15	01/01/15	31/12/16	19.882,00
Int	Covariations between population neuronal activity and choice: a sensory or cognitive origin?	Pardo Vázquez, José Luis	HUMAN FRONTIER SCIENCE PROGRAM ORGANIZATION (HFSP)	17/09/15	01/10/15	06/10/16	5.939,92
Int	Deciphering inter- and intracellular signalling in schizophrenia (IN-SENS)	Rodríguez Requena, Jesús	COMISION EUROPEA	19/09/13	01/10/13	30/09/17	226.681,62
Int	Design and development of advanced NANomedicines to overcome Biological BARRiers and to treat severe diseases (NABBA)	Alonso Fernández, María José	COMISION EUROPEA	01/01/15	01/01/15	31/12/18	495.745,91
Int	Design and development of advanced NANomedicines to overcome Biological BARRiers and to treat severe diseases (NABBA)	Alonso Fernández, María José	COMISION EUROPEA	01/01/15	01/01/15	31/12/18	495.745,91
Int	European Forensic Genetics Network of Excellence (EUROFORGEN-NoE)	Carracedo Álvarez, Ángel María	COMISION EUROPEA	01/01/12	01/01/12	31/12/16	546.831,00
Int	Fabrication and Functionalization of Biomedical Microdevices (FaBiMed)	González Juanatey, José Ramón (líder de nodo)	Unión Europea (FP7)	2013	2013	2016	79.520,00

Int	Hypothalamic Lipotoxicity and Endoplasmic Reticulum Stress: a New Pathophysiological Mechanism of Obesity (ObERStress)	López Pérez, Miguel Antonio	COMISION EUROPEA	10/10/11	01/12/11	30/11/16	1.484.000,00
Int	NanoFar: European Doctorate in nanomedicine and pharmaceutical innovation	Alonso Fernández, María José	COMISION EUROPEA	01/10/12	01/10/12	30/09/15	503.136,00
Int	NanoFar: European Doctorate in nanomedicine and pharmaceutical innovation	Alonso Fernández, María José	COMISION EUROPEA	01/10/13	01/10/13	30/09/16	172.144,00
Int	NanoFar: European Doctorate in nanomedicine and pharmaceutical innovation	Alonso Fernández, María José	COMISION EUROPEA	01/10/15	01/10/15	30/09/18	245.600,00
Int	New Oral Nanomedicines: Transporting Therapeutic Macromolecules across the Intestinal Barrier (TRANS-INT)	Alonso Fernández, María José	COMISION EUROPEA	17/04/12	01/05/12	30/04/17	1.133.124,00
Int	New Oral Nanomedicines: Transporting Therapeutic Macromolecules across the Intestinal Barrier (TRANS-INT)	Diéguez González, Carlos	COMISION EUROPEA	17/04/12	01/05/12	30/04/17	276.102,00
Int	p53 as a New Mediator of Energy Balance in the Brain (OBESITY53)	Nogueiras Pozo, Rubén	COMISION EUROPEA	10/10/11	01/12/11	30/11/16	1.477.680,01
Int	PanCanRisk: Personalised bioinformatics for global cancer susceptibility identification and clinical management	Carracedo Álvarez, Ángel María	COMISION EUROPEA	01/07/15	01/07/15	30/06/18	2.948.185,00
Int	Proyecto INNO-PHARMA: Plataforma de farmacogenómica aplicada a la validación de dianas y descubrimiento de fármacos candidatos a fases preclínicas	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	26/04/12	26/04/12	31/12/15	1.634.555,00
Int	Role of p53 on hepatic steatosis and insulin sensitivity	Nogueiras Pozo, Rubén	European Foundation for the Study of Diabetes (EFSU)	20/05/15	01/07/15	30/06/18	30.000,00
Int	The Effect of AIP mutations on the apoptotic RET pathway in pituitary adenomas MRC / MR/M018539/1 /010550 QM	Álvarez Villamarín, M. Clara	MRC-QUEEN MARY UNIVERSITY OF LONDON	29/07/15	01/05/15	30/04/18	173.038,60
Int	The Human Early-Life exposome novel tools for integrating early-life environmental exposures and child health across Europe (HELIX)	Carracedo Álvarez, Ángel María	COMISION EUROPEA		01/01/13	30/06/17	326.337,20

Int	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	15/05/15	15/05/15	15/05/18	59.950
Int	The Integrated Neurobiology of Food Intake, Addiction and Stress (NEUROFAST)	Diéguez González, Carlos	COMISION EUROPEA	26/03/10	01/04/10	31/03/15	207.780,00
Nat	Aplicación de la nanotecnología al desarrollo de vacunas para autoinmunidad. - RETOS 2014	Alonso Fernández, María José	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	229.900,00
Nat	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 2014	Maside Rodríguez, Julio Manuel	INSTITUTO NACIONAL DE INVESTIGACION Y TECNOLOGIA AGRARIA Y ALIMENTARIA (INIA)	17/09/15	17/09/15	16/09/18	93.000,00
Nat	Aplicación de nuevos paradigmas en la farmacología molecular de los GPCRs a descubrimiento temprano de fármacos. - RETOS 2014 (Subproyecto coordinador).	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/07/15	01/01/15	31/12/17	121.000,00
Nat	Bioestadística para vivir y cómo vivir de la estadística.	Cadarso Suárez, Carmen María	FUNDACION ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGIA (FECYT)	19/12/14	01/10/14	31/03/16	18.000,00
Nat	BIOSTATNET: Afrontando retos de investigación bioestadística con proyección internacional. - REDES DE EXCELENCIA 2015	Cadarso Suárez, Carmen María	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/11/15	01/12/15	30/11/17	40.000,00
Nat	Cancer de mama: papel de Pit-1 y CXCR4 en el proceso de metástasis. Evaluación de análogos de vitamina D como adyuvantes en su tratamiento.	Pérez Fernández, Román	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	28/12/12	01/01/13	31/12/15	117.000,00
Nat	Decodificando los priones: elucidación de la base estructural de la infectividad de proteínas.	Rodríguez Requena, Jesús	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	17/11/14	01/01/14	31/12/16	133.100,00

Nat	Desarrollo de modelos fenotípicos in vitro de dolor y su aplicación al cribado de compuestos de alto rendimiento (High-Throughput Screening). - RETOS COLABORACIÓN 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	02/12/15	01/03/15	31/12/18	312.688,00
Nat	Descubrimiento y combinación de nuevos tratamientos para el tratamiento del cáncer basados en la modulación de dianas epigenéticas y los receptores de adenosina. - RETOS COLABORACIÓN 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	02/12/15	01/03/15	31/12/18	139.300,00
Nat	Efecto de las células madre mesenquimales sobre la supervivencia y funcionalidad de implantes de células dopaminérgicas como terapia para la enfermedad de Parkinson	Rodríguez Pallares, Jannette	INSTITUTO DE SALUD CARLOS III	20/12/12	01/01/13	31/12/16	74.415,00
Nat	Efectos biológicos de Ghrelin a nivel central sobre homeostasis energética y metabólica. - PROYECTOS I+D 2014	Diéguez González, Carlos	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	30/07/15	01/01/15	31/12/17	375.100,00
Nat	El receptor de colágeno GPVI como nueva diana farmacológica anti-plaquetaria en infarto agudo de miocardio.	García Alonso, Ángel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	01/08/14	01/01/14	31/12/16	114.950,00
Nat	ER Stress hipotalámico: un nuevo mecanismo neuroendocrino de regulación del balance energético. Papel de BiP	López Pérez, Miguel Antonio	INSTITUTO DE SALUD CARLOS III	20/12/12	01/01/13	30/04/16	295.240,00
Nat	Estudio do control dos mecanismos de reparación do ADN	González Blanco, Miguel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	31/10/13	01/09/14	31/08/18	40.000,00
Nat	Estudio funcional de CCM3 y kinasas GCKIII	Zalvide Torrente, Juan Bautista	MINISTERIO DE CIENCIA E INNOVACION	20/12/11	01/01/12	30/06/15	108.900,00
Nat	Estudo da xenómica da leucemia linfocítica crónica (proxecto LLC)	Carracedo Álvarez, Ángel María	FUNDACIO CLINIC PER A LA RECERCA BIOMEDICA	01/09/15	01/01/15	31/12/15	46.357,87

Nat	Inferencia en los Modelos de Regresión Aditivos Estructurados (STAR) con Extensiones a Respuestas Multivariantes. Aplicaciones en Biomedicina. - RETOS 2014	Cadarso Suárez, Carmen María	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	27/07/15	01/01/15	31/12/17	58.080,00
Nat	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	07/04/15	07/04/15	06/04/18	99.000,00
Nat	Mecanismos fisiológicos de recambio y proliferación, benigna y maligna, de las células foliculares tiroideas humanas.	Álvarez Villamarín, M. Clara	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	01/08/14	01/01/14	31/12/16	242.000,00
Nat	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	16/12/15	01/01/16	31/12/18	110.715,00
Nat	Nanomedicamentos altamente funcionales para la supresión de células iniciadores de glioblastoma. - RETOS 2014	García Fuentes, Marcos	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	27/07/15	01/01/15	31/12/17	108.900,00
Nat	Nuevos abordajes para el diagnóstico, tratamiento y regeneración de la patología de la superficie ocular-SURFeye.	Alonso Fernández, María José	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	09/12/14	28/01/14	31/12/16	123.801,00
Nat	Papel de los canales de frío TRPM8 en la patogenia y fisiopatología de la obesidad. Búsqueda de nuevas dianas terapéuticas.	Señarís Rodríguez, Rosa María	INSTITUTO DE SALUD CARLOS III	20/12/12	01/01/13	30/06/16	110.715,00
Nat	Papel de los receptores opioides como mediadores de las acciones neuroendocrinas de la hormona concentradora de melanina (MCH).	Nogueiras Pozo, Rubén	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	28/12/12	01/01/13	31/12/15	204.750,00
Nat	Papel de SUMO en la interacción virus-PI3K/AKT. PROYECTOS I+D 2014	Rivas Vázquez, María Carmen	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	30/07/15	01/01/15	31/12/17	157.300,00
Nat	Papel en diabetes y cavernomas cerebrales de las quinasas GCKIII y proteínas asociadas. - RETOS 2014	Zalvide Torrente, Juan Bautista	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD AD	27/07/15	01/01/15	31/12/17	121.000,00
Nat	Plataforma de recursos biomoleculares e	Carracedo Álvarez,	MINISTERIO DE ECONOMIA	19/12/13	01/01/14	31/12/17	669.551,80

	bioinformáticos, PRB2.	Ángel María	Y COMPETITIVIDAD				
Nat	Red española de descubrimiento de fármacos. - REDES DE EXCELENCIA 2015	Loza García, María Isabel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	27/11/15	01/12/15	30/11/17	35.000,00
Nat	Regulación Central en la Homeostasis Energética	Tovar Carro, Sulay A.	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	06/10/15	03/11/15	02/11/19	40.000,00
Nat	Regulación de la producción de entrecruzamientos durante la recombinación mitótica.	González Blanco, Miguel	MINISTERIO DE ECONOMIA Y COMPETITIVIDAD	17/11/14	01/01/14	31/12/16	181.500,00
Reg	Consolidación e estruturación. (GPC) GI-1847 Unidade de Investigación en Cardiología Celular e Molecular.	González Juanatey, José Ramón	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	01/01/13	30/11/15	70.000,00
Reg	Consolidación e estruturación. (GPC) GI-2119 Mecanismos moleculares da enfermidade MeMoEn.	Zalvide Torrente, Juan Bautista	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	01/01/13	30/11/15	69.830,15
Reg	Consolidación e estruturación. (GPC) GI-2127 Grupo Interdisciplinar de bioestatística GRID ECMB.	Cadarso Suárez, Carmen María	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	01/01/13	30/11/15	70.000,00
Reg	Consolidación e estruturación. (GRC) GI-1233 Grupo de investigacións biomédicas GIB.	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	01/01/13	30/11/16	370.000,00
Reg	Consolidación e estruturación. (GRC) GI-1736 Medicina Xenómica GMX.	Carracedo Álvarez, Ángel María	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	01/01/13	31/12/16	370.000

Reg	Consolidación e estruturación. GPC GI-1698 Patoloxía Molecular	Araújo Vilar, David	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/16	70.000,00
Reg	Consolidación e estruturación. GRC GI-1337 Grupo de Neurobioloxía Molecular e Celular da Enfermidade de Parkinson	Labandeira García, José Luis	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/17	320.000,00
Reg	Consolidación e estruturación. GRC GI-1685 Bioloxía de membranas e mecanismos de transducción de sinais en farmacoloxía aplicada.	Loza García, María Isabel	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/17	400.000,00
Reg	Consolidación e estruturación. REDES GI-1233 REDICENT: Red de investigación en células madre y terapia celular.	Álvarez Villamarín, M. Clara	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/15	120.000,00
Reg	Consolidación e estruturación. REDES GI-1685 REGID: Rede Galega de Investigación e Desenvolvemento de Medicamentos.	Loza García, María Isabel	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/15	120.000,00
Reg	Consolidación e estruturación. REDES GI-1862 RATGA: Rede de Animais Transxénicos de Galicia	Costoya Puente, José Antonio	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/15	120.000,00

Reg			RIA				
Reg	Consolidación e estruturación. REDES GI-2127 INBIOEST: Novas ferramentas estatísticas e computacionais aplicadas á investigación en Saúde, Deporte e Medio Ambiente.	Cadarso Suárez, Carmen María	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	08/10/14	01/01/14	30/11/15	120.000,00
Reg	Desarrollo inicial de nuevos derivados de curcumina con potencial aplicación en el tratamento de enfermidades neurodegenerativas. EMERXENTES	Viña Castela, María Dolores	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	14/08/14	14/05/14	30/11/16	91.966,31
Reg	Matrices bioactivas para la supresión de células iniciadoras de glioma. (EMERXENTES)	García Fuentes, Marcos	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	16/10/13	08/08/13	07/08/16	97.000,00
Reg	Papel de los inhibidores del ciclo celular en la biología de las células madre normales y tumorales - Proxectos de Grupos Emerxentes	Vidal Figueroa, Anxo	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/10/12	26/06/12	25/06/15	99.380,00
Reg	SIRT1 y regulación hedónica de la ingesta (Proxectos de Grupos Emerxentes).	Nogueiras Pozo, Rubén	CONSELLERÍA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	01/10/12	26/06/12	25/06/15	98.400,00
Reg	UNIDAD MIXTA USC-ESTEVE PARA DESCUBRIMIENTO TEMPRANO DE FÁRMACOS CON ESTÁNDARES DE INNOVACIÓN ABIERTA.	Loza García, María Isabel	AXENCIA GALEGA DE INNOVACION	06/10/14	18/07/14	31/10/17	803.598,85

TOTAL 21.662.404,66

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Cont	HCC Project: Biodistribution studies	Costoya Puente, José Antonio	MIDATECH BIOGUNE, S.L.	20/10/14	20/10/14	19/02/15	20.624,54
Cont	Estudio preliminar co gallo de determinar o tipo de asesoramento estatístico baseado no desenvolvemento e aplicación de metodoloxías e análise de datos	Cadarso Suárez, Carmen María	VIVIA BIOTECH, S.L.	09/03/15	29/01/15	26/02/15	1.028,50
Cont	Asesoramento científico e técnico naqueles proxectos relacionados con aplicacións biomédicas das nanopartículas, nanofibras e AQC's nos que Nanogap estea involucrado	Domínguez Puente, Fernando	NANOGAP SUB-NM- POWDER, S.A.	28/02/14	28/02/14	27/02/15	12.000,00
Cont	COLIVAC: novas tecnoloxías para vacinas de E. coli (Feder-Innterconecta)	Domínguez Puente, Fernando	NANOGAP SUB-NM- POWDER, S.A.	20/03/13	02/11/12	28/02/15	67.500,00
Cont	Fenotipado metalico de diferentes grupos de ratones y estudios in vitro con clulas 3T3	Diéguez González, Carlos	NEOPHARM OBESITY, S.L.	15/09/14	15/09/14	14/03/15	14.376,00
Cont	Fenotipado metalico de diferentes grupos de ratones y estudios in vitro con clulas 3T3	Diéguez González, Carlos	LANDSTEINER GENMED, S.L.	15/09/14	15/09/14	14/03/15	16.987,14
Cont	Asesoramento estatístico baseado na aplicación de metodoloxías estatísticas e análise de datos para unha publicación científica	Cadarso Suárez, Carmen María	HEALTH IN CODE, S.L.	12/03/15	06/04/15	30/04/15	713,9
Cont	Desarrollo de nuevas terapias complementarias para el tratamiento de enfermedades oncológicas (ONCOGALFARMA) - Conecta peme 2014	Loza García, María Isabel	ONCOSTELLAE , S.L.	28/01/14	14/02/14	30/06/15	23.000,00
Cont	Light emitting nanomolecules for biomedical diagnostics applications (Lenbda) - Conecta peme 2014	Loza García, María Isabel	GALCHIMIA, S.A.	13/02/14	14/02/14	30/06/15	28.333,34
Cont	Asistencia técnica e formación de persoal de Galchimia en bioconjugación de anticorpos, dentro do marco do proxecto LENBDA	Domínguez Puente, Fernando	GALCHIMIA, S.A.	13/02/14	13/02/14	30/06/15	2.000,00
Cont	Light emitting nanomolecules for biomedical diagnostics applications (Lenbda) - Conecta peme 2014	Domínguez Puente, Fernando	NANOGAP SUB-NM- POWDER, S.A.	12/02/14	14/02/14	30/06/15	48.520,57
Cont	Asesoramento científico e técnico naqueles proxectos relacionados con aplicacións biomédicas das nanopartículas,	Domínguez Puente, Fernando	NANOGAP SUB-NM- POWDER, S.A.	28/02/15	28/02/15	27/02/16	12.000,00

	nanofibras e AQC nos que Nanogap estea involucrado						
Cont	Advisory services in the field of Hepatocellular Carcinoma through the appointment of Dr Jose Antonio Costoya-Puente as a member of Midatech Oncology Advisory Board (OAB)	Costoya Puente, José Antonio	MIDATECH PHARMA PLC	19/05/15	19/05/15	18/05/16	2.500,00
Cont	Puesta a punto y desarrollo de ensayos farmacológicos y cribado de moléculas en dichos ensayos	Loza García, María Isabel	ONCOSTELLAE, S.L.	23/11/15	23/11/15	30/06/16	13.700,00
Cont	Estudio a nivel nacional del fármaco liraglutide	Cadarso Suárez, Carmen María	NOVO NORDISK PHARMA, S.A.	07/07/15	07/07/15	07/07/16	10.285,00
Cont	Puesta a punto y desarrollo de ensayos farmacológicos y cribado de moléculas en dichos ensayos	Loza García, María Isabel	PALOBIOFARMA, S.L.	18/11/15	18/11/15	31/12/16	50.000,00
Cont	Puesta a punto y desarrollo de un ensayo radiactivo para la cuantificación de la actividad de las dianas epigenéticas de interés y cribado de moléculas en dichas dianas.	Loza García, María Isabel	ORYZON GENOMICS, S.A.	23/01/15	23/01/15	22/01/17	8.000,00
Cont	Unidad mixta USC-ESTEVE para descubrimiento temprano de fármacos con estándares de innovación abierta	Loza García, María Isabel	LABORATORIO S DEL DR. ESTEVE, S.A.	06/10/14	18/07/14	31/10/17	1.560.467,00
Cont	Services for the Study "international multi-centre clinical trials under Sponsor's Protocol 1373.3 to clinically evaluate Study Drug"	Costoya Puente, José Antonio	ABF PHARMACEUTICAL SERVICES GMBH	27/08/15	29/10/15	31/12/17	0
Cont	Investigación, desarrollo e innovación en nuevos alimentos multifuncionales para síndrome metabólico (METASIN) - Programa CIEN 2015	Costoya Puente, José Antonio	FEIRACO LACTEOS, S.L.U.	05/05/15	05/05/15	31/12/18	18.858,00
Cont	Síntesis de una librería de compuestos por métodos enzimáticos.	Loza García, María Isabel	PLASMIA BIOTECH, S.L.	15/04/14	15/04/14	14/04/19	3.500,00
Cont	Research lines in Thyroid diseases	Álvarez Villamarín, M. Clara	ENDOSCIENCE SERVICE GMBH	23/11/15	23/11/15	22/11/2020	37.500,00
Cont	Servizo de Xenotipado	Carracedo Álvarez, Ángel María	LABORATORIO DE ANALISIS CLINICAS DR. JOAQUIM CHAVES	01/01/15	01/01/15	31/12/15	22.521,02

Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	PALO BIOFARMA, S.L.	01/01/15	01/01/15	31/12/15	10.000,00
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	LANDSTEINER GENMED, S.L.	01/01/15	01/01/15	31/12/15	29.197,50
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	PLASMIA BIOTECH, S.L.	01/01/15	01/01/15	31/12/15	16.912,00
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	ELI LILLY AND COMPANY	01/01/15	01/01/15	31/12/15	159.058,80
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	UNILEVER CENTRE FOR MOLECULAR SCIENCES INFORMATICS	01/01/15	01/01/15	31/12/15	3.276,00
Cont	Contrato de servicio para "Genotipado masivo en plataforma de Alto Rendimiento para el Análisis Genómico en muestras para Estudio de Enfermedades Respiratorias" (exp. 01/2015)	Carracedo Álvarez, Ángel María	FUNDACION CANARIA DE INVESTIGACION SANITARIA (FUNCANIS)	10/07/15	10/07/15	09/07/17	77.317,34
Cont	Contrato de fornecimento de servicos de genotipagem de 82 mostrás	Carracedo Álvarez, Ángel María	INSTITUTO DE PATOLOGIA E INMUNOLOGIA MOLECULAR DA UNIVERSIDADE DO PORTO	03/08/15	03/08/15	15/09/15	25.320,20
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	LILLY, S.A.	01/01/15	01/01/15	31/12/15	35.000,00
Cont	Servizo de Xenotipado	Carracedo Álvarez, Ángel María	Entidades públicas y fundaciones1	01/01/15	01/01/15	31/12/15	496.411,70
Cont	Plataforma: Unidade de Screening	Loza García, María Isabel	Entidades públicas y fundaciones2	01/01/15	01/01/15	31/12/15	12.413,65

TOTAL: 2.839.322,20 €

Entidades públicas y fundaciones¹: Universidad Complutense de Madrid, Universidad de Oviedo, Universidad de Granada, Instituto de Salud Carlos III, Institut D'investigacions Biomediques Agusti Pi I Sunyer (Idibaps), Fundacio Imim- Fundacio Institut Municipal D' Investigacio Medica, Fundacion General de la Universidad de Valladolid, Universitat Jaume I, Universidad Del Pais Vasco, Universidad de Cordoba, Fundacion Publica Galega de Medicina Xenomica, Universidad Autonoma de Barcelona, Fundacio Institut D'Investigacio Biomedica de Bellvitge, Fundacio Hospital Universitari Vall Hebron-Institut de Recerca (Vhir), Fundesalud-Fundacion Para la Formacion y la Investigacion de los Profesionales de la Salud de Extremadura, Ciber de Salud Mental (Cibersam), Fundacion Hospital Clinico Universitario de Valencia, Fundacion Para la Investigacion Hospital Gregorio Marañon, Fundacio Privada Institut de Recerca Hospital de la Santa Creu I Sant Pau, Fundacion Publica Andaluza Para la Gestion de la Investigacion En Salud de Sevilla, Fundacion Ramon Dominguez, Fundacion Imabis, Fundacio

Docencia I Recerca Mutua de Terrassa, Instituto de Investigación Biomedica de Bellvitge, Instituto Aragonés de Ciencias de la Salud, Instituto Cajal – Csic, Centro de Investigación Biomedica En Red – Ciber, Hospital General de Valencia, Instituto de Investigación Marques de Valdecilla – Idival, Instituto de Neurociencias – Csic, Universitat Pompeu Fabra, Fundación de Hospital General de Valencia, Fundación Para la Investigación Biomedica Del Hospital Clínico de San Carlos (Fibhcsc), Fundación Para la Investigación Biomedica Del Hospital Universitario Puerta de Hierro Majadahonda, Fundación Para el Fomento de la Investigación Sanitaria y Biomedica de la Comunitat Valenciana, Clínica Universidad de Navarra, Universidade Estadual Paulista – Unesp, Ifapa Alameda Del Obispo, Fundación Canaria de Investigación Sanitaria (Funcanis), Consorcio Del Hospital General Universitario de Valencia, Instituto Nacional de Neurología y Neurocirugía, Fundación General de la Universidad Autónoma de Madrid – Fuam, Fundación Instituto de Estudios de Ciencias de la Salud de Castilla y León, Inst Andaluz de Inv y Form Agraria, Pesquera, Alimentaria y de la Producción Ecológica, Institut Pasteur Montevideo, Universidad Autónoma de Chile

Entidades públicas y fundaciones²: Instituto de Síntesis Química y Catálisis Homogénea (Csic), Universidad Autónoma de Madrid, Universidad de Burgos, Universidade de Vigo

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Agrem	Medicinas celulares reprogramadas nanotecnológicamente	García Fuentes, Marcos	FUNDACION RAMON ARECES	27/06/12	27/06/12	31/12/15	85.345,00
Agrem	Proyecto de investigación: Interacción de ADN con complejos organometálicos de Ru(II) y clústeres cuánticos atómicos (AQC's)	Domínguez Puente, Fernando	OBRA SOCIAL FUNDACION LA CAIXA	21/11/12	01/01/13	31/12/16	131.445,00
Agrem	Proyecto de investigación: Interacción de ADN con complejos organometálicos de Ru(II) y clústeres cuánticos atómicos (AQC's)	Domínguez Puente, Fernando	FUNDACION BANCARIA LA CAIXA	21/11/12	01/01/13	31/12/16	131.445,00
Agrem	Programa Highly Cited Researches da King Abdulaziz University (KSA) de Jeddah (Reino de Arabia Saudi)	Carracedo Álvarez, Ángel María	KING ABDULAZIZ UNIVERSITY (KAU)	05/03/13	26/02/13	31/12/16	158.995,70
Agrem	O receptor de colágeno GPVI como nova diana farmacológica antiplaquetaria en infarto agudo de miocardio	García Alonso, Ángel	SOCIEDAD ESPAÑOLA DE TROMBOSIS Y HEMOSTASIA (SETH)	19/10/13	01/01/14	31/12/15	25.000,00
Agrem	Obesidad	Diéguez González, Carlos	NOVO NORDISK PHARMA, S.A.	11/04/14	11/04/14	31/12/16	9.000,00

Agrem	Identificación de biomarcadores para detección temprana de riesgo de muerte súbita en familias con cardiomiopatía dilatada y una nueva mutación en el gen LMNA	García Alonso, Ángel	SOCIEDAD ESPAÑOLA DE CARDIOLOGIA	16/06/14	16/06/14	27/10/15	11.000,00
Agrem	Acuerdo de donación para la realización de actividades de investigación en los mecanismos de generación y respuesta al tratamiento de tumores hipofisarios	Bernabeu Moron, Ignacio Juan	FUNDACION SOCIEDAD ESPAÑOLA DE ENDOCRINOLOGIA Y NUTRICION (SEEN)	28/10/14	28/10/14	06/10/19	6.000,00
Agrem	Acuerdo de donación para a realización de actividades de investigación en los mecanismos de proliferación de tumores hipofisarios	Álvarez Villamarín, M. Clara	FUNDACION SOCIEDAD ESPAÑOLA DE ENDOCRINOLOGIA Y NUTRICION (SEEN)	28/10/14	28/10/14	06/10/19	12.000,00
Agrem	Controlled release implants that dislodge the glioblastoma initiating cell niche.	García Fuentes, Marcos	FUNDACION BBVA	18/12/14	18/12/14	18/12/17	118.224,80
Agrem	Colaboración entre a Consellería de Cultura, Educación e Ordenación Universitaria e as universidades do SUG para o financiamento de centros de investigación (CIMUS)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	24/10/14	01/01/15	31/12/15	350.000,00
Agrem	Convenio para fomentar a actividade investigadora do persoal investigador finalista nas convocatorias de axudas do ERC no marco da H2020	Csaba, Noemí Stefanía	AXENCIA GALEGA DE INNOVACION	16/10/15	01/01/15	30/04/16	50.000,00
Agrem	Convenio para fomentar a actividade investigadora do persoal investigador finalista nas convocatorias de axudas do ERC no marco de H2020	García Fuentes, Marcos	AXENCIA GALEGA DE INNOVACION	16/10/15	01/01/15	30/04/16	50.000,00
Agrem	Convenio de Colaboración para complementar as axudas ao personal investigador principal dos Programas Starting Grants, Consolidator Grants e Advanced Grants do Consello Europeo de Investigación	López Pérez, Miguel Antonio	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	10/07/15	01/01/15	15/12/16	99.619,49
Agrem	Convenio de Colaboración para complementar as axudas ao personal investigador principal dos Programas Starting Grants,	Nogueiras Pozo, Rubén	CONSELLERIA DE CULTURA, EDUCACION E	10/07/15	01/01/15	15/12/16	99.712,60

Agrem	Consolidator Grants e Advanced Grants do Consello Europeo de Investigación		ORDENACION UNIVERSITARIA				
	Colaboración entre a Consellería de Cultura, Educación e Ordenación Universitaria e as universidades do SUG para o financiamento de centros de investigación (CIMUS)	Diéguez González, Carlos	CONSELLERIA DE CULTURA, EDUCACION E ORDENACION UNIVERSITARIA	04/12/15	01/01/16	30/06/16	175.000,00
TOTAL							1.512.787,59

Scope	Title	IP	Call/Entity	Approval date	Start date	End date	Total Amount €
Don	Financiación de las líneas de investigación en Enfermedades Neuromusculares - CIMUS	Labandeira García, José Luis	LUZ Y PAZ, S.L.	23/12/2014	01/01/2015	31/12/2015	31.200,00
Don	Premio Nacional de Genética 2015	Carracedo Álvarez, Ángel María	SOCIEDAD ESPAÑOLA DE GENETICA	01/09/2015	18/09/2015	31/12/2015	4.000,00
TOTAL							35.200,00

4. HUMAN RESOURCES

a. New

Name	Surname	Group	Start date	Finish date	Kind	Vinculation
M ^a del Carmen	Dosil Santiago	Genomic Medicine	30/01/15	31/12/17	Administrative	Contract
Sabela	Sanromán Hermida	Biofarma group	02/02/15	31/07/15	Fellow	TFG
Luis Filipe	Costa Machado	Biofarma group	21/04/15	31/07/15	Fellow	TFM
Laura	Gómez García	Biofarma group	19/10/15	31/07/16	Fellow	TFM
Francisco Javier	Moreno Acea	Virus and Cancer group	15/09/15	15/07/16	Fellow	TFG
Antonia Patricia	Azevedo Sousa	Virus and Cancer group	05/10/15	31/07/16	Fellow	Erasmus
Miguel Ángel	Chenlo Miranda	Neoplasia and Endocrine Differentiation group	25/03/15	30/06/15	Fellow	TFG
Raquel	Carreira Rodríguez	DNA Repair and Genome Integrity	09/07/15	31/07/16	Fellow	TFG
Paula	Alonso Batán	DNA Repair and Genome Integrity	10/07/15	31/07/16	Fellow	TFG
Samuel	Míguez Amil	DNA Repair and Genome Integrity	07/09/15	31/07/16	Fellow	TFG
Fernando	Bustelo Paz	Cardiovascular Pharmacology group	30/09/15	30/07/16	Fellow	TFG
Iria	Torres Terán	Cardiovascular Pharmacology group	30/09/15	30/07/16	Fellow	TFG
Sabela	Casado Masa	Functional Obesomics	15/09/15	31/07/16	Fellow	TFG
Javier	Lugilde Valín	Functional Obesomics	28/09/15	28/09/16	Fellow	TFG
Miriam	Castro Visos	Functional Obesomics	28/09/15	28/09/16	Fellow	TFG
Raquel	Honrubia Pérez	Genomic Medicine	27/01/15	30/09/15	Fellow	TFM
Ana	Bugallo Casal	Cardiovascular Pharmacology group	24/09/15	31/07/16	Fellow	TFM
Beatriz	Esteban Cartelle	Molecular Pharmacology of G protein-coupled receptors group	21/09/15	30/06/16	Fellow	TFG
Juan Ignacio	Carlino Montpellier	Molecular Pharmacology of G protein-coupled receptors group	29/09/15	31/07/16	Fellow	TFM
Laura	Barros Vázquez	Molecular Pharmacology of G protein-coupled receptors group	30/09/15	31/05/16	Fellow	TFG
Belén	Álvarez Alijas	Nanobiopharmaceutica I Reserach	22/09/15	30/07/16	Fellow	TFM

Blanca	Lorenzo Veiga	Nanobiopharmaceutica I Reserach	22/09/15	31/07/16	Fellow	TFM
Daniel	Alvarez Martínez De La Riva	Nanobiopharmaceutica I Reserach	28/09/15	01/06/16	Fellow	TFG
Diego	Pan Delgado	Nanobiopharmaceutica I Reserach	16/10/15	30/06/16	Fellow	TFM
Brais	Sánchez Piñero	Neoplasia and Endocrine Differentiation group	14/09/15	10/10/16	Fellow	TFM
Chiara	Trevisan	Parkinson Disease group	04/03/15	30/09/15	Fellow	TFM
Alexandre	Lampón Hermo	Neuroendocrinology group	30/06/15	27/02/16	Fellow	TFG
Vanessa	Castro López	Nanobiopharmaceutica I Reserach	17/06/15	16/06/16	Technician	Contract
Inés	Ardao Palacios	Biofarma group	12/01/15	30/06/15	Postdoc	Contract
Gloria	Martínez Río	CiCLOn group	04/03/15	25/06/15	Postdoc	Contract
Olalla	Maroñas Amigo	Genomic Medicine	26/01/15	31/01/19	Postdoc	Contract
Ana	Latorre Pellicer	Genomic Medicine	30/01/15	30/01/18	Postdoc	Contract
Marta	Tojo Castro	Molecular Metabolism	06/04/15	06/04/16	Postdoc	Contract
Matilde	Durán Lobato	Nanobiopharmaceutica I Reserach	07/01/15	07/01/16	Postdoc	Contract
José Luis	Pardo Vázquez	Neuroendocrinology group	16/10/15	01/10/16	Postdoc	Contract
Eva	Sardiña Rivera	Biofarma group	19/05/15	19/05/17	Predoc	Contract FPI
Jenifer	Espasandín Domínguez	Biostatistics group	29/04/15	29/04/17	Predoc	Contract FPI
Patricia	González Sáenz	CiCLOn group	05/10/15	05/10/18	Predoc	Practices
Fernanda	Rodríguez Enríquez	Cardiovascular Pharmacology group	24/09/15	30/11/17	Predoc	Contract FPI
Laura	Liñares Pose	NeurObesity group	18/09/15	18/09/18	Predoc	Practices
Eva	Rial Pensado	NeurObesity group	03/11/15	31/07/19	Predoc	Practices
Lungile	Thwala	Nanobiopharmaceutica I Reserach	17/03/15	17/05/15	Predoc	Grant
Tania	Hidalgo Crespo	Nanobiopharmaceutica I Reserach	27/04/15	15/07/15	Predoc	Grant
Carla María	García Mazás	Nanobiopharmaceutica I Reserach	01/09/15	01/09/18	Predoc	Contract FPI
Andrea	Gonella	Nanobiopharmaceutica I Reserach	01/09/15	01/09/18	Predoc	Contract FPI
Sofía	Mendes Saraiva	Nanobiopharmaceutica I Reserach	01/09/15	01/09/18	Predoc	Contract FPI
Maruthi	Prasanna	Nanobiopharmaceutica I Reserach	05/10/15	05/10/18	Predoc	Grant
Fernando José	Oroz Gonjar	Neoplasia and Endocrine Differentiation group	28/01/15	28/01/19	Predoc	Contract FPI
Iria Adriana	Rodríguez Gómez	Neoplasia and Endocrine	02/07/15	02/07/18	Predoc	Practices

Differentiation group						
Keshav	Shinde	Molecular Neuropathology group	07/10/15	07/10/18	Predoc	Grant
Silvia	Rodríguez García	UETEM	03/03/15	03/03/17	Predoc	Practices
Laura	Paniagua Fernández	Visual Sciences	23/02/15	23/02/16	Predoc	Practices
Yaiza	Bugallo Codeseira	BioFarma group	14/09/15	31/05/16	Stay	Practices
María Del Pilar	Pérez Villamor	Biofarma group	11/02/15	16/02/15	Stay	Practices
Paula	Otero Sánchez	CiCLOn group	22/06/15	31/07/15	Stay	Practices
Laia	Gómez Muñoz	CiCLOn group	01/07/15	31/07/15	Stay	Practices
Elba	Marín Pérez	CiCLOn group	01/07/15	31/07/15	Stay	Practices
Patricia	Crespo López	MOL group	07/01/15	16/01/15	Stay	Colaboration
Eva María	Villar Álvarez	MOL group	17/04/15	19/04/15	Stay	Colaboration
Marc	Meliá Sorolla	MOL group	29/06/15	18/07/15	Stay	PRÁCTICAS
Mónica	Bouzo Lorenzo	Molecular Metabolism	04/06/15	01/09/15	Stay	Practices
M ^a Ángeles	Muñoz Martínez	Biofarma group	12/01/15	30/06/15	Technician	Contract
Mónica	Cadena Villanueva	CiCLOn group	22/07/15	31/12/15	Technician	Contract
María	Luaces Regueira	Cardiovascular Pharmacology group	24/09/15	24/09/20	Technician	Contract
Raquel	Rey Rodríguez	MOL group	01/06/15	30/10/15	Technician	Contract

b. Stays

➤ At CiMUS

Name	Institution	Country	Start date	Finish date	Group
Valentina Colistro	UDELAR Montevideo	Uruguay			Genomic Medicine (Facultad de Medicina)
Clynton Lourezo Correa	Instituto de Biofísica Carlos Chagas Filho	Brasil	01/09/14	01/09/15	Parkinson Disease
Catarina Leitão	Universidade de Aveiro	Portugal	01/01/15	31/05/15	Molecular neuropathology
Patricia Crespo	MIDATECH, LTD		07/01/15	16/01/15	MOL
Chiara Trevisan	Universita degli Studi di Trieste	Italia	02/03/15	30/09/15	Parkinson Disease
Rania Abdelhedi	CBSCentre Biotechnologique de	Tunez	05/03/15	05/04/15	Genomic Medicine

Sfax					
Soumaya Triki Fendri	CBSCentre Biotechnologique de Sfax	Tunez	05/03/15	05/04/15	Genomic Medicine
Pura Ballester Navarro	UNIVERSIDAD MIGUEL HERNÁNDEZ DE ELCHE	España	16/03/15	13/04/15	Genomic Medicine
Cristian Fabian Layton Tovar	Universidad Autónoma del Estado de México	Mexico	01/05/15	01/06/15	CiCLON
Paula Otero Sánchez	Universidad de Lleida	España	01/07/15	30/07/15	CiCLON
Laia Gómez Muñoz	Universitat de Barcelona	España	01/07/15	30/07/15	CiCLON
Elba Martín Pérez	Universitat de Barcelona	España	01/07/15	30/07/15	CiCLON
Marc Melià Sorolla	Universitat de Barcelona	España	01/07/15	17/07/15	MOL
Rene Hernández Bautista	CONACYT	España	01/07/15	30/06/16	Molecular metabolism
Katerina Zvolankova		Czech Republic	03/07/15	29/07/15	Biofarma
Catia Filipa Sousa Marques		Portugal	03/07/15	31/07/15	Biofarma
Joaquín Gonzalez Fuentes	Universidad de Albacete	España	12/07/15	14/07/15	Funtional Obesomics
M^a del Mar Arroyo Jimenez	Universidad de Albacete	España	12/07/15	14/07/15	Funtional Obesomics
M^a Victoria Lozano López	Universidad de Albacete	España	12/07/15	14/07/15	Funtional Obesomics
Ney Santos	Universidade Federal do Pará	Brasil	01/09/15	31/08/16	Genomic Medicine
Mariannes Rodrigues Fernandes	Universidade Federal do Pará	Brasil	01/09/15	31/08/16	Genomic Medicine
Diana Alexandra Ramirez Montaño	Universidad Nacional de Colombia	Colombia	01/09/15	31/08/16	Genomic Medicine
Ángela Johanna Muñoz Bolaño	Universidad Nacional de Colombia	Colombia	01/09/15	31/08/16	Genomic Medicine
Vanesa Martínez	Universidad de Santiago de Compostela	España	01/09/15	30/09/15	Genomic Medicine
Olga Estévez	USC	España	01/09/15	30/09/15	Genomic

Vázquez					Medicine
Alex Tuñas Corzón	USC		01/09/15	30/09/15	Genomic Medicine
Lara García Ozores	USC	España	01/09/15	30/09/15	Genomic Medicine
Dr. Amr ElShaer	Kinston University	United Kingdom	15/09/15	20/09/15	CiCLON
Andreia Sousa	Universidade de Aveiro	Portugal	01/10/15		Virus & Cancer
Tânia Patricia Dias Fernandes	Universidade de Aveiro	Portugal	01/10/15	01/06/15	CiCLON
Fernando Calvo Boyero	Universidad de Salamanca	España	02/10/15	20/12/15	Genomic Medicine
Diana Santos	Universidade de Aveiro	Portugal	05/10/15	31/05/16	Vascular Biology
Thaís Bravo Picão	Universidade Estadual Paulista	Brasil	02/11/15	29/01/16	MOL

➤ From CiMUS

Name	Institution	City, Country	Start date	Finish date	CiMUS group
Nataliya Storozhylova		Berlin, Germany	01/11/15	31/01/16	Nanobiofar
Ana Cadete Pires	Universidad de Angers	Angers, Francia	01/02/15	30/09/15	Nanobiofar
Lungile Thwala	Universidad Católica de Lovaina	Lovaina, Bélgica	01/07/15	30/09/15	Nanobiofar
Maite Baz Martínez	Reinrich Pette Institut de Hamburgo	Hamburgo, Germany	06/10/15	01/11/15	Virus & Cancer
Lorena Salgueiro Ferreño	European Molecular Biology Laboratory	Heidelberg, Germany	01/11/14	30/04/15	CiCLON
Alfonso Reimúndez	Instituto de Neurociencias de Alicante (CSIC/UMH)	Alicante, España	01/02/15	31/07/15	Neuroendocrinology
Ánxela María Estevez Salguero	INL	Portugal	14/07/15	14/09/15	MOL
Ismael González	CNIO	Madrid, España	26/02/15	27/02/15	Neurobesity
Cristina Contreras	Universidad de París Diderot	Francia	16/02/15	18/02/15	Neurobesity
Begoña Porteiro	BIOGUNE	Derio, España	01/07/15	31/07/15	Molecular metabolism

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Danel Rey	Wellcome Trust Centre for Human Genetics, University of Oxford	Reino Unido	01/03/15	31/05/15	Genomic Medicine

5. EDUCATION

a. Thesis

Name	Title	Date	Directors
Carmen Rodríguez Seoane	Regulation of the neuropeptide VGF and role in neurodevelopment and synapses	20/07/2015	Jesús Rodríguez Requena
Alejandro Iván Riquelme	Bases moleculares de la encefalopatía de celia, un síndrome neurodegenerativo asociado a la nueva mutación en el gen-SEIPIN/BSCL2	03/07/2015	Jesús Rodríguez Requena, David Araújo-Vilar
Shamim Akhter	Isolation of VGF derived neuropeptide receptor	29/06/2015	Jesús Rodríguez Requena
Carlos Felipe de la Cruz Herrera	Papel de SUMO en la regulación de PKR y la vía molecular PI3K/AKT	17/07/2015	María del Carmen Rivas Martínez
Javier Conde Aranda	ESE-1: Un nuevo circuito en la señalización de la respuesta pro-inflamatoria	23/03/2015	Oreste Gualillo, Carlos Diéguez, Juan Jesús Gómez-Reino Carnota
Luis Ricardo Jesús Martíns	BMP8B y balance energético: regulación y mecanismos de acción	16/06/2015	Carlos Diéguez, Francisco González, Miguel A López
Daniel Beiroa Tarrío	Papel de la Endoglina y del sistema central GLP-1 en la homeostasis energética	03/02/2015	Rubén Nogueira, Carlos Diéguez, Sulay Tovar
Jorge Filipe Correia Pinto	Nanovacunas: Diseño de nanoestructuras para inmunización	26/06/2015	María José Alonso, Noemi Csaba
Raquel Abellán Pose	Nanocápsulas dirigidas ó sistema linfático: Unha aproximación ó tratamento do cancro metatástico.	30/11/2015	María José Alonso, Rafael López López, Noemi Csaba
Carlos Fernández-Peña Acuña	Los canales iónicos termosensibles TRPM8 y TRPA1: papel en la termosensación y la termorregulación en condiciones fisiológicas y en un modelo experimental de neuropatía inducida por el oxaliplatino	01/11/2015	Félix Viana y Rosa Señarís
Antonio Domínguez Meijide	Interacción entre el sistema dopaminérgico nigroestriatal y el sistema renina-angiotensina local: Implicaciones en la enfermedad de Parkinson	18/12/2015	Jose Luis Labandeira García, Ana Isabel Rodríguez Pérez
Ana Blanco Perez	Cáncer de mama y ovario hereditario: Análisis genético-molecular de genes de susceptibilidad en familias españolas	27/03/2015	Ángel Carracedo Alvarez, Ana Paula Vega Gliemmo
Lorena Salazar	Análisis del exoma de las células		Ángel Carracedo

García	madre cancerosas ALDH+ de carcinoma oral de células escamosas	03/07/2015	Alvarez
Tamara Gómez Moracho	Estudo de patróns de diversidade xenética en <i>Nosema ceranae</i> , un patóxeno emerxente do século XXI	20/11/2015	Carolina Bartolomé Husson, Julio Mnauel Maside Rodríguez, Mariano Higes Pascual
Jens Söchtig	Design of analytic systems of SNPs for the identification of physical traits for forensic purposes	24/04/2015	Ángel Carracedo Álvarez y María Victoria Lareu Huidobro
Lisbeth Elena Sousa Silva	Desenvolvemento dunha estratexia para diagnosticar e prognosticar todas as enfermidades renais hereditarias	21/12/2015	Ángel María Carracedo Alvarez, Miguel Ángel García González
Pablo Iglesias Vázquez	PARP-1 como regulador do ciclo celular	19/06/2015	José Antonio Costoya Puente
Vanessa García Rúa	Papel da nova familia de receptores endolisosomales de NAADP (TPCS) na función cardiocascular e a fisopatoloxía da síndrome metabólica	15/12/2015	Francisca Lago Paz, José Ramón González Juanatey

b. Conferences

Frontiers in Science

Title	Speaker	Speaker information	Date
Understanding muscle stem cell regenerative decline in aging	Prof. Dr. Pura Muñoz-Cánoves	ICREA, Universitat Pompeu Fabra; CIBERNED Barcelona, Spain	03/12/2015

CiMUS Update

Title	Speaker	Speaker information	Date
Metal Toxicity: Biological effects of quantum atomic clusters	Fernando Domínguez	Oncology Research group (CiMUS)	15/01/2015
Searching for platelet biomarkers and drug targets in acute myocardial infarction by clinical proteomics	Ángel García	Platelet Proteomics Lab (CiMUS)	05/03/2015
Cell cycle and oncology: of mice and men	Anxo Vidal	CiCOn group (CiMUS)	09/04/2015
Regulación hipotalámica del balance energético	Miguel López	Neurobesity group (CiMUS)	16/07/2015
Exploring the pharmacology of G protein-coupled receptors: beyond molecular aspects towards therapy	Marian Castro	Molecular Pharmacology of G Protein-coupled receptors Group (CiMUS)	22/10/2015
Learning about cancer from viruses	Carmen Rivas	Virus and Cancer (CiMUS)	12/11/2015
Regulation of metabolism and beyond	Rosa Señarís	Neuroendocrinology group (CiMUS)	17/12/2015

Happy Fridays

Title	Speaker	Speaker information	Date
New hypothalamic molecular pathway of glucagon controlling food intake	Mar Quiñones PhD	Molecular Metabolism Group (CiMUS)	30/01/2015
Subnanometric clusters: New properties of the matter	David Buceta, PhD	NANOMAG (nanotechnology and magnetism) (USC)	06/02/2015
Hypothalamic AMPK mediates central BMP8B induced thermogenesis	Luis Martins	NeuroObesity group (CiMUS)	27/02/2015

KLF4 in Hypothalamus Regulates Leptin Homeostatic Effects Through AGRP	Estrella Sánchez Rebordelo	Molecular Metabolism group (CiMUS)	08/05/2015
Sirt1/Foxo1 pathway in the ARC as a mediator of the metabolic actions of MCH	Omar Al-Massadi PhD	Molecular metabolism group (CiMUS)	29/05/2015
Caloric restriction and caloric restriction mimetics; the fountain of youth	Marta Garrido, PhD	Funtional Obesomic group (CiMUS)	12/06/2015
Central Melanin-concentrating Hormone Effects on Peripheral Metabolism	Mónica Imbernón	Molecular Metabolism group (CiMUS)	19/06/2015
Isolation of VGF derived neuropeptide receptor	Md. Shamim Akhter	Brain Protein Malfunction Lab (CiMUS)	26/06/2015
Causing "Mad2-ness" upon pocket protein inactivation	Lorena Salgueiro	CiClOn Group (CiMUS)	11/09/2015
Ag3 clusters and DNA: story of an interaction	Vanessa Porto	Galician Oncological Research Group (CiMUS)	25/09/2015
Alterations in glucose and insulin homeostasis on MSG-obese mice throughout life	René Hernández	Molecular Metabolism group (CiMUS)	30/10/2015
GCK-III, stress and metabolism	Cristina Iglesias	Cell Signalling and Stress & Vascular Biology groups (CiMUS)	11/12/2015

Seminars

Title	Speaker	Speaker information	Date
Ferrer Advanced Biotherapeutics	Andrés G. Fernández	Director Ferrer Advanced Biotherapeutics	27/01/2015
Role of sphingolipids in the stimulation of Autophagy-mediated cancer cell death by cannabinoids	Guillermo Velasco PhD	Profesor Titular del Departamento de Bioquímica y Biología Molecular I, Grupo de Señalización por Cannabinoides, Universidad Complutense de Madrid	02/02/2015
Mass spectrometry-based approaches for the determination of the cellular fate of lipid-based nanoparticles	Anas El-Aneed, MBA, Ph.D.	Associate Professor College of Pharmacy and Nutrition University of Saskatchewan	16/03/2015
Extracellular vesicles as potential biomarkers and tools to treat cardiovascular consequences of metabolic diseases	Ramaroson Andriantsitohaina, PharmD, PhD	Director of Research INSERM and he is the Head of the laboratory "Oxidative Stress and Metabolic Diseases (SOPAM)" INSERM Angers, France	26/03/2015
Long term live imaging of adult neural stem cells. Mechanisms controlling neurogenic and oligodendroglial lineages	Felipe Ortega	Department of Biochemistry and Molecular biology IV, Faculty of Veterinary Medicine, Universidad Complutense de Madrid	10/04/2015

Unmasking molecular targets for treatment of metabolic and cancer diseases	Roberto Coppari	Department of Cell Physiology and Metabolism, Faculty of Medicine, University of Geneva Geneva, Switzerland	24/04/2015
The Role of Tcf3 in skin wound healing and Cancer	Hoang Nguyen, PhD	Assistant Professor en Baylor College of Medicine, Houston, USA	15/05/2015
From the baker to the bedside: unraveling the molecular basis of Parkinson's disease	Dr. Tiago Outeiro	Dept. of NeuroDegeneration and Restaurative Research, University Medical Center Göttingen (Alemania)	25/05/2015
"Three-in-one" antimelanoma agents validated in vivo: differential targeting of tumor cells, the surrounding vasculature and the immune system	Dra. Marisol Soengas	Lider del Grupo de Melanoma y Decana de Asuntos Académicos en el CNIO (Madrid)	12/06/2015
Ghrelin peptides and growth hormone-releasing hormone (GHRH): novel non-endocrine activities	Riccarda Granata	Lab of Molecular and Cellular Endocrinology, Department of Medical Sciences, University of Torino (Italy)	19/06/2015
Developmental influences on circuits regulating body weight	Lori Zeltser, Ph.D.	Columbia University, USA	26/06/2015
The Quest for New Targets. A Novel Early Discovery Model at Merck	D. Iván Cornella Taracido, Ph. D. Sr.	Principal Scientist Chemistry Capabilities Enhancement-Chemical Biology Lead. Merck Research Laboratories Boston, USA	03/07/2015
Modelos Experimentales de Enfermedades Complejas	Elisardo Corral Vasquez PHD	Laboratorio de Fisiología Translacional, Universidade Vila Velha y Emescam, Facultad de Medicina, Vitória, ES, Brasil	06/07/2015
Exposure to endocrine disruptors and diabetes susceptibility	Prof Angel Nadal	Instituto de Bioingeniería, Universidad de Alicante	15/09/2015
CONNEXINS ON THE MOVE: GAP JUNCTIONS AND GLIOMA INVASION	Christian Naus	Professor at the Department of Cellular and Physiological Sciences, University of British Columbia, Vancouver (Canada)	23/09/2015
Classification of Primary Immunodeficiency Diseases or Approach to Patients with Phagocyte	Prof. Nima Rezaei	Vice Dean of International Affairs, School of Medicine, Tehran University of Medical Sciences (Iran)	25/11/2015
Strontium-substituted bioactive glass coatings for bone tissue engineering	Prof. Nasrin Lotfi Bakhshayesh	Vice Dean of International Affairs, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences (Iran)	25/11/2015
Neurocognition in Musculoskeletal Disorders	Prof. Azadeh Shadmehr	Vice Dean of International Affairs, School of Rehabilitation, Tehran University of Medical Sciences (Iran)	25/11/2015
Health Transformation Plan in Iran: The Pathway towards Universal Health Coverage	Prof. Amir Hosein Takian	Vice Dean of International Affairs, School of Public Health, Tehran University of Medical Sciences (Iran)	25/11/2015

**Biophotonics at the Membrane:
Unravelling 3-Phosphoinositide
Dependent Kinase 1 (PDK1)
Regulation by Advanced Light
Microscopy**

Dr. José
Requejo-Isidro

NanoBiophotonics Lab
Unidad de Biofísica
CSIC-UPV/EHU
Leioa

22/12/2015

c. Congress

- ✓ **"II CIMUS-CIQUS meeting. Drug discovery and development research".** 11th of June 2015. At this event, diferent groups of both centers presented their work. The aim of this workshop is to increase the collaboration among both centers.
- ✓ **CiMUS Innopharma Open Innovation Day: "Public Private Partnership (PPP) in early drug discovery"** 18th of Febraury 2015
- ✓ **ICSA (International Cell Senescence Association) Conference "Cell Senescence: From Physiology to Pathology"** Santiago de Compostela, July 19-22 2015. Anxo Vidal was in the organitation committee.

ICSA Conference
July 19-22, 2015
"Cell Senescence: From Physiology to Pathology"
Santiago de Compostela, Spain

ICSA 2015
Santiago de Compostela

SPEAKERS

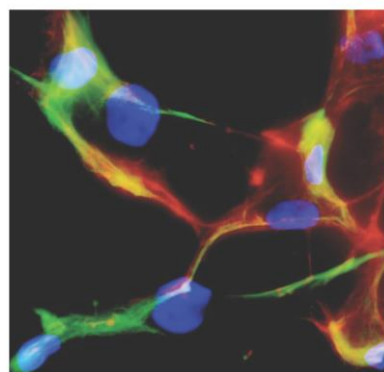
Andrea Alimonti, CH	Lester Lau, USA
Juan-Carlos Acosta, UK	Xin Lu, UK
Jiri Bartek, DK	Annette Melk, DE
Judith Campisi, USA	Tohru Minamino, JP
Ana-Maria Cuervo, USA	Masashi Narita, UK
Jorge Erusalimsky, UK	Ignacio Palmero, SP
Eiji Hara, JP	Daniel Peepker, NL
Jacqueline Jacobs, NL	Clemens Schmitt, DE
William Keyes, SP	Manuel Serrano, SP
James Kirkland, USA	Ned Sharpless, USA
Valery Krizhanovsky, IL	Lars Zender, DE

REGISTRATION NOW OPEN !
<http://cellsenescence.wik.com/icsa2015>
@ICSA2015

Organizing:
Manuel Collado
Manuel Serrano
Daniel Peepker
Anxo Vidal

Logos: Aging Cell, ACTIVE MOTIF, worldwide center for cellular senescence research, Society of Biologists, idiS, USC, XUNTA DE GALICIA CONSELLERÍA DE EDUCACIÓN E ORDENACIÓN UNIVERSITARIA, SENETHERAPY Network of Excellence

- ✓ **International Young Investigator Meeting: A Coruña (Spain) 29th of December 2015,** the PI Miguel González Blanco and Anxo Vidal were in the organitation committee.



INTERNATIONAL YOUNG INVESTIGATOR MEETING

December 29, 2015. A Coruña (Spain)

9.00 - 19.00
Fundación Barriá
Cenise Grande, 9
15003, A Coruña
www.fundacionbarria.org

The Young Investigator Meeting brings together the best Galician young researchers that are carried out their work in international centers

The program features talks and panel discussions. Senior researchers provide inspirational experiences of starting their scientific careers allowing young

scientists to meet, share ideas and start collaborations.

For information:
www.yimmeeting.com

@yimeeting15

ORGANIZERS

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Susana Santiago
Anxo Vidal
Miguel González Blanco

Email: ana.Dorcas.Mayan.Susana@barria.es

- ✓ **III Reunión Científica da Rede de Animais Transxénicos de Galicia:** 21st of October 2015, Santiago de Compostela. José Antonio Costoya was the chair of the organization committee.
- ✓ **Congreso de las enfermedades cardiovasculares, SEC:** 22nd-24th of October 2015. Bilbao(Spain). José Ramón González Juanatey was in the organization committee.
- ✓ **III BioSpeedDating Day:** Organized by Bioga at CiMUS on 22th of July 2015



- ✓ **PINT OF SCIENCE:** International event which was organized for first time in Santiago de Compostela IN 2015 18th-20th May. Sulay Tovar was the chair of the organization committee, and Miguel González Blanco and Anxo Vidal were in this committee, also.



Pint of Science

18 al 20 de mayo de 2015
Lugar: **A Nave de Vidán**
Hora: 20:30 h

SANTIAGO DE COMPOSTELA

@PintofScienceES
<http://pintofscience.es/>

<p>18 Mayo</p>  <p>Nuestro cuerpo</p> <p>Gonzalo Álvarez Ángel Carracedo Manuel Collado</p> <p>Finalista Famelab: Fernando Vaquero</p>	<p>19 Mayo</p>  <p>De los átomos a las Galaxias</p> <p>José Edelstein Jorge Mira Enrique Zas</p>	<p>20 Mayo</p>  <p>Mente Maravillosa</p> <p>Julio González Xurxo Mariño Casto Rivadulla</p> <p><i>Magia:</i> Magos Óscar y Miguel</p>
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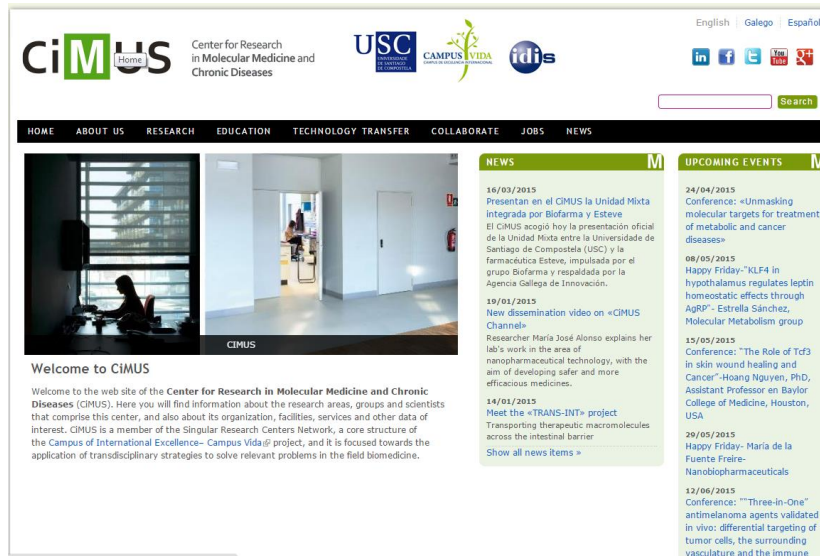




6. ACTIVITY

1. Web page and Social Media:

- a. **Web page:** We are increasing the contents of CiMUS web page to mantein updated it with the activities of the center (<http://www.usc.es/cimus/>). 2015 was a year with a high increase in the visits, a 340%, an important milestone to this tool.



- b. **Facebook profile,** (<https://www.facebook.com/CIMUS.USC>) is the most visited profile of the center with 348 likes at the end of the year, almost the double than the previous year.

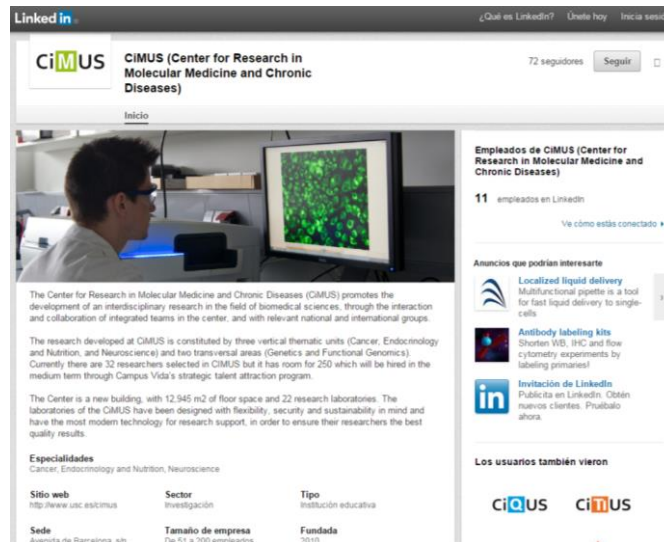


- c. **Researchgate:** The CiMUS profile continues to increase the number of

CiMUS researchers who join the active platform-profile. At the end of the year we have 85 active profiles.

d. **Twitter:** Active since middle 2014, At the end of the 2015 had 122 followers. <https://twitter.com/cimususc>

- e. **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 2015 we reach 137 followers. <https://es.linkedin.com/company/cimus>



- f. **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». With those videos the chanel got 1086 views, and 29 followers. <https://www.youtube.com/user/cimususc>



2. **CiMUS presentation to educative comunity:** Students from high school, IES Marco do Camballón (Vila de Cruces) as well as an institute with a more oriented technology profile, FESAN, visited the center to know the CiMUS labs and platforms.



UniStem Day: international event focused in the stem cells and directed to the high school students of all Europe.

3. **CiMUS Presentation to the international community:** An Iran delegation from the Tehran University of Medical Sciences visits the center and made diferent presentaions and networking meetings with some CiMUS researchers.
4. **CiMUS as a hub in wich different companies presented their new products**
 - ✓ Fisher Scientific-ACTIVATE SCIENCE (1ST Time in Spain)-20th May
 - ✓ Sigma- Cellular Culture Seminars-8th July
 - ✓ Sarstedt workshop-30th June
 - ✓ GE Healthcare Protein Purification Seminar -16th April
 - ✓ GE Healthcare- Amersham™ WB system- 11th June



M

CiMUS

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

