

# Recruitment opportunities from the EURAXESS network and the MSCA Cofund Programme in Spain 2016-2017

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# Pfizer – Universidad de Granada – Junta de Andalucía Centre for Genomics and Oncological Research, GENYO

Granada, Spain

[www.genyo.es](http://www.genyo.es)

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GENYO ([www.genyo.es](http://www.genyo.es)) is a mixed center with stakes held by the Regional Ministry of Economy, Innovation, Science and Employment, the Regional Ministry of Equality, Health and Social Policies, the University of Granada and the pharmaceutical company Pfizer. This centre has been devised as a space for excellence research in genomic medicine, focusing on the comprehensive study and understanding of the genetic basis of human diseases, placing special emphasis on cancer and its genetic disorders related to inheritance.

Located in the **Health Sciences Technology Park** (PTS, [www.ptsgранаda.com](http://www.ptsgранаda.com)) in Granada, which is an area dedicated to the creation, implementation and expansion of institutes and technological companies, which translates knowledge into economic and social development, especially in the Pharmaceutical, Health Sciences, Healthcare and Food industries, making it the first Scientific park specialized in health care in Spain and one of very few throughout the world. PTS Granada covers an area of 625,000 m<sup>2</sup>, housing all the infrastructures and facilities devoted to its four main aims: teaching (University of Granada), Health Care (University Hospital), and research and business development.

Due to the research topics of the groups forming part of the center, the units which will be included in the center would be: Genomics and Genotyping Unit

([www.genyo.es/en/content/genomics-unit](http://www.genyo.es/en/content/genomics-unit)),

Microscopy and Molecular Image Unit

([www.genyo.es/en/content/microscopia](http://www.genyo.es/en/content/microscopia)),

Flow Cytometry Unit

([www.genyo.es/en/content/unidad-citometria](http://www.genyo.es/en/content/unidad-citometria)),

Bioinformatics Unit

([www.genyo.es/en/bioinformatics-unit](http://www.genyo.es/en/bioinformatics-unit)),

and Cell Culture and Biological Resources Unit

([www.genyo.es/en/content/unidad-de-cultivos-celulares](http://www.genyo.es/en/content/unidad-de-cultivos-celulares)).

Nowadays, more than 150 researchers actively work at Genyo:



About 15% of Genyo's researchers come from abroad: Germany, Korea, Sweden, France, Portugal, USA, Mexico, Slovenia, Panama, Poland, Argentina, Cuba, among others.

There are several research projects taking place in Genyo, with funding from a wide range of organisations such as European sources (ERC, ERA-NETS, Marie Skłodowska Curie), and other international sources (IMI, Innovative Medicines Initiative; HHMI, The Howard Hughes Medical Institute; ALR, Alliance for Lupus Research), as well as from Spanish public sources (Ramón y Cajal, Miguel Servet, Sara Borrell, Infraestructuras, ISCIII, MINECO, CEICE, CS...)

The total funding obtained in 2015 from national and international research calls amounts to 4,700,000€ (Consejo Rector 2015), and approximately 35% of that funding proceeds from international institutions.

### The current research areas in GENYO focus on:

#### Genomics Medicine

- Biology of LINE-1 retrotransposons (<http://goo.gl/gzQFxl>)
- Epigenetics in Stem Cells and Cancer (<http://goo.gl/ZqcrGf>)
- Genetics of Complex Diseases (<http://goo.gl/KzfJ9S>)
- Otolaryngology and Neurotology – Genomics of vestibular disorders (<http://goo.gl/Pp99kb>)
- Gene and Cell Therapy (<http://goo.gl/abNoa1>)

#### Genomics Oncology

- Liquid Biopsy and Metastasis (<http://goo.gl/q9EPkT>)
- Genetics of Haematological Malignancies and Associated Complications (<http://goo.gl/Skho7h>)
- Stromal Cell and Immunology Group (<http://goo.gl/eiUMYV>)
- NANOCEMPIO: Development of Therapeutic and Diagnosis Strategies (<http://goo.gl/3fOiXc>)
- Proteases and Extracellular Matrix (<http://goo.gl/OFzJFL>)
- Gene Expression Regulation and Cancer (<http://goo.gl/v8f804>)

- Gene Regulation, Stem Cells and Development (<http://goo.gl/CcAJzl>)

### JOB OPPORTUNITIES

#### Expression of interests for post-doctoral and career development researchers

GENYO is interested in hosting fellows, research associates, and post-doctoral researchers through any of the following public European and Spanish calls:

- Marie Skłodowska Curie IEF: 2-year contract for national and international researchers with relevant experience
- Ramón y Cajal: 5-year contract for national and international researchers with relevant experience
- Miguel Servet: 3 or 5 years contracts for national and international researchers with relevant experience in the National Health System, together with previous research projects
- Juan de la Cierva: contracts for researchers who recently obtained their PhD aiming to complement their skills (2 years) or in an advanced post-doc stage (2 years)
- Sara Borrell: 3-year contracts for researchers of the National Health System
- Torres Quevedo: 3 years contract for young doctors to develop industry research projects

#### Expression of interests for PhD Students / Pre-doctoral researchers

GENYO is interested in hosting pre-doctoral researchers to carry out their PhD funded by any of the following public Spanish calls:

- Training University Personnel, FPU: Research training in doctoral programs to achieve the title of doctor and acquisition of university teaching skills in any area of scientific knowledge, to facilitate the future incorporation of beneficiaries to the Spanish Education System superior, and Scientific Research.
- Predoctoral Training, PFIS: contract for the initial training of researchers in Science and Technology aiming to perform a Doctoral Thesis.

For any information, contact us in [info@genyo.es](mailto:info@genyo.es)



## Instituto de Investigación Biosanitaria de Granada (ibs.GRANADA)

Granada, Spain

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

 **ibs.GRANADA**  
INSTITUTO DE INVESTIGACIÓN BIOSANITARIA DE GRANADA

2016-2017. ARCHIVED.  
You can find an updated version of this document at <http://careerdevSpain.bit.ly/careerdevSpain>

ibs.GRANADA is a health research institute founded on March 14, 2012 following an agreement between the Regional Ministry of Health, the Andalusian Public Health System and the University of Granada.

ibs.GRANADA intends to develop and promote a multidisciplinary scientific space where biomedical research projects develop, integrating basic science groups with others whose goals transcend into a translational research.

The Institute counts with more than 70 research groups which are integrated into five scientific areas, each of them divided into several lines of strategic research areas. These areas encompass Cancer; Systemic, cardiovascular and neurological diseases; Hepatic, digestive and infectious diseases; Endocrine and Metabolic Diseases; and Advanced therapies and new biomedical technologies.

Among its strategic objectives are the development of an excellent research in areas of main interest for human health, the promotion of young researchers training and mobility and the support to national and international collaborations by integration in national and international networks.

### JOB OPPORTUNITIES

Expressions of interest for post-doctoral positions  
ibs.GRANADA is seeking for Postdoctoral positions in the 5 research areas of the Institute to apply for National Training Grants offered by the Ministry of Economy and Competitiveness and the Institute of Health Carlos III, call 2017.

Candidates must have a PhD degree awarded in the last ten years in the field of Health Sciences such as Biology, Pharmacy, Biochemistry, Medicine, or similar and research experience in one of the next fields:

- Cancer;
- Systemic, cardiovascular and neurological diseases;
- Hepatic, digestive and infectious diseases;
- Endocrine and Metabolic Diseases
- Advanced therapies and new biomedical technologies

### Minimum requirements of candidates:

- Good record of publications in high impact journals in the last 5 years
- Mobility: international research stays for a minimum of 6-12 months
- Awards, mentions or distinctions
- Participation in research projects. Especially international research projects or programs (H2020, ERC, MSCA...)
- Candidates must have capacity for team work, demonstrate initiative, independence, motivation, good communication skills (English and Spanish), and experience in paper/grant writing

For further information, please contact:

María Luisa Bernier Villamor ([mbernier@fibao.es](mailto:mbernier@fibao.es)),  
Human Resources Manager

Sarah Biel Glesson ([sbiel@fibao.es](mailto:sbiel@fibao.es)), Project Manager



## IMDEA Materials Institute

Madrid, Spain

<http://www.materials.imdea.org/>



**JOB OPPORTUNITIES**  
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IMDEA Materials Institute (Madrid Institute for Advanced Studies of Materials) is a non-profit, independent research institute, promoted by the Regional Government of Madrid (Spain) to carry out research in Materials Science and Engineering. IMDEA Materials is committed to excellence in research by attracting talent from all over the world and to foster technology transfer to the industrial sector in a truly international environment.

The Institute counts currently with approximately 100 scientists, including 12 Senior Researchers, 3 Researchers, 2 Visiting Scientists, and 19 postdoctoral research associates, 43 doctoral students and 20 master students from 16 different nationalities. It should be noted that 42% of the researchers are foreign nationals while 57% of the PhD were granted by foreign universities. This international team with multidisciplinary expertise is contributing to establish IMDEA Materials Institute as an international reference in Materials Science and Engineering.

As part of its commitment to bring the best researching talent to Madrid, IMDEA Materials Institute endorsed in 2007 the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers that set out the rules and obligations of researchers, their employers and funders, as well as transparent and fair recruitment procedures. The Institute received the 'HR Excellence in research' award on 2015.

### One scientist position (Tenure-Track)

IMDEA Materials is seeking for a tenure-track scientist in the field of Computational design of metallic materials to predict the influence of alloy composition and processing route on the microstructure (phases, precipitation, segregation, grain size and shape, texture, etc.) through advanced numerical modeling (computational thermodynamics, computational kinetics, phase-field modeling, etc.).

Interested candidates should submit their Curriculum Vitae (including complete contact information for two references) and a one-page statement of their research objectives through the institute's website: <http://www.materials.imdea.org/open-positions/applicationform?ref=CDMM-R01>

### One post-doctoral position (Research Associate)

IMDEA Materials is seeking a post-doctoral researcher who will be focused on the synthesis of carbon nanotubes by chemical vapour deposition (CVD) and assembly as a continuous macroscopic fibre, as well as its characterization by advanced electron microscopy, spectroscopy and WAXS-SAXS. The candidate will develop strategies for molecular control of these fibres, building on the group's expertise in CNT type control and chirality studies on kilometer-long CNT fibres. For more information about this position, see:

[http://www.materials.imdea.org/sites/default/files/pdf\\_docs/site/open-positions/postdoctoral-researchers/STEM-CVD.pdf](http://www.materials.imdea.org/sites/default/files/pdf_docs/site/open-positions/postdoctoral-researchers/STEM-CVD.pdf)

Interested candidates should submit their Curriculum Vitae (including complete contact information for two references) and a one-page statement of their research objectives through the institute's website:

<http://www.materials.imdea.org/open-positions/applicationform?ref=STEM01>

Expressions of interest for Marie Skłodowska-Curie Individual Fellowship

IMDEA Materials is interested in hosting fellows in the framework of MSCA IF in the following areas:

- Nanomaterials for Multifunctional Applications
- The Next Generation of Composite Materials
- Alloy Design, Processing and Development
- Integrated Computational Materials Engineering
- Multiscale Characterization of Materials and Processes

Interested researchers should send an expression of interest, consisting of a short CV and a two-page summary presentation of their research proposal to: [jobs.materials@imdea.org](mailto:jobs.materials@imdea.org)

If you require further information, please contact our HR Manager, Rosa Bazán ([jobs.materials@imdea.org](mailto:jobs.materials@imdea.org))

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# Instituto Maimónides de Investigación Biomédica de Córdoba – Maimonides Biomedical Research Institute of Cordoba

Cordoba, Spain

<http://www.imibic.org/>



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You can find an updated version of this document at <http://bit.ly/careerdevSpain>

The Maimonides Biomedical Research Institute of Cordoba, IMIBIC, was established in April 2008 by an agreement between the Andalusian regional ministries of Health, of Innovation Science and Employment, and the University of Cordoba. IMIBIC is created with the objective of bringing together scientific research and medical practice, with the aim of speeding up the translation of research results into clinical practice and the development of new therapies.

IMIBIC is a mixed Institute of the University of Cordoba and the Reina Sofia University Hospital, structured in research groups commissioned by both institutions that cooperate in the implementation of the scientific programmes of the Institute. IMIBIC is accredited within the framework of health research centres of excellence recognised by the National Institute of Health Carlos III. IMIBIC is managed independently by the Foundation for Biomedical Research of Cordoba (FIBICO).

IMIBIC has the support of its sponsoring institutions: the University of Cordoba (UCO), a High Education and Research institution established in 1972 with over 2,300 employees, and ranked among the top research institutions at national level; and the Andalusian Health Service (SAS), to which RSUH is ascribed, which is an autonomous public entity responsible for health care provision in Andalusia, one of the largest regions in Europe, with 8.4 million inhabitants. Healthcare services are provided by SAS through a network of integrated healthcare facilities organized to ensure the accessibility of the population: 1,518 primary care centres, 47 hospitals, 14 Health Management areas and 93,366 employees distributed throughout Andalusia.

## Seeking Post-Doctoral fellows

IMIBIC is actively seeking Post-Doctoral Fellows for applying to the Marie Skłodowska Curie Actions call, which will close in September 2017. Candidates should have post-doctoral experience and a good track record of original research contributions in any area within IMIBIC's Scientific Programmes (<http://www.imibic.org/site/investigacion?lang=en>):

- Active aging and Frailty
- Nutrition and endocrine and metabolic diseases
- Infectious and immunological diseases and organ transplants
- Cancer (Oncology and Onco-hematology)
- Chronic and Inflammatory Diseases

Successful candidates will have access to an employment contract according to MSCA-IF employment conditions:

[http://ec.europa.eu/research/mariecurieactions/about-msca/actions/if/index\\_en.htm](http://ec.europa.eu/research/mariecurieactions/about-msca/actions/if/index_en.htm)

IMIBIC endorses the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, and is in the process of obtaining the "HR Excellence in Research" award: <http://ec.europa.eu/euraxess/index.cfm/rights/charteRAndCode#S>

If you are interested, contact Carmen Gonzalez ([carmen.gonzalez@imibic.org](mailto:carmen.gonzalez@imibic.org)) from our International Projects Office.

For other informal inquiries, contact Marisa Escabias ([marisa.escabias@imibic.org](mailto:marisa.escabias@imibic.org)) from our Human Resources department.




MEDINA  
CENTRO DE INVESTIGACIÓN

## Fundación MEDINA

Granada, Spain

<http://www.medinadiscovery.com/>



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Fundación MEDINA is a Research Organization established in the Health Sciences Technology Park, Granada (Spain) as a private-public partnership between the Government of Andalucía (Spain), the University of Granada and Merck Sharp and Dohme de España S.A.

MEDINA is an independent and non-profit entity with innovative research collaborations and contracts with academic and industrial partners worldwide. We are engaged in the discovery of novel drug candidates and new biomarkers with Pharma and Biotech companies and research groups, as well as of new biotechnological products for use in crop protection for the Agrofood industry, Consumer products (Cosmetic and Nutrition) and new enzymes for industrial processes.

MEDINA owns one of the largest Collections of Microbial Strains (190,000 strains) and the most chemically diverse Natural Products Libraries (116,000 extracts) with a longstanding, successful track record in delivering novel drug candidates for development as pharmaceuticals. Our team has unique expertise in natural products microbiology, chemistry, high throughput screening, as well as a strong analytical chemistry platform for molecular structure elucidation and bioanalysis.

We are currently active in drug and biomarker discovery programs in infectious diseases (including tuberculosis and parasitic diseases), cancer, CNS, and

rare diseases. Leveraging our unique strengths in high precision-high throughput analytics and bioanalytics we are collaborating with clinical investigators in translational research programs for biomarker discovery and metabolomic profiling of patient samples.

MEDINA has 2,300 square meters of laboratories equipped with state-of-the-art technology to carry out the full process leading to the discovery of new bioactive molecules. This includes, among others, safety level 2 microbiology hoods for microbial strain manipulation, climate chambers, cabinets and bioreactors for fermentation, standard PCR thermocyclers and RT qPCR for DNA amplification, automatic liquid handlers for sample management and dispensing, different kinds of plate readers covering absorbance, fluorescence, luminescence and others, one robot for automatic handling of human cell lines cultures, High Content Screening (HCS) equipment, confocal microscopy, medium and high pressure liquid chromatography (MPLC and HPLC) low and high resolution mass spectrometry and a 500 MHz NMR spectrometer equipped with a low volume cryoprobe.

35 scientists are employed by MEDINA covering research areas in microbiology, high throughput screening, natural products chemistry and bioanalytics.



## JOB OPPORTUNITIES

### PhD Student in Improvement of marine natural products production (3 years)

We have the opportunity to hire a PhD student under the recently awarded ETN proposal MarPipe (H2020-MSCA-ITN-2015 call). MarPipe is a network of academic, research centers, and SMEs across Europe, with proven experience in higher education, training and endowed with state-of-the art scientific and technical expertise and infrastructures, aimed at training the next generation of marine biodiscovery scientists from sampling to market, innovation and entrepreneurship.

MarPipe PhDs will be trained in a program on drug discovery in marine microorganisms, including training-by-research, joint courses of technical, scientific and transferrable skills, active participation to public scientific events, and an intense inter-sectoral networking exchange plan.

The PhD candidate at Fundación MEDINA will be involved in the improvement of production of different bioactive hits identified in previous programs developed in the institution.

The PhD student selected will have to demonstrate previous training in disciplines related with applied biotechnology, industrial microbiology and general analytics and purification tools. The student will be contracted for a period of three years under the conditions specified in the call above referenced. Several training courses, annual meetings and exchange of researchers among the different institutions participating in the consortium are scheduled.

Potential candidates interested in joining Fundación MEDINA under this scheme should contact Dr Fernando Reyes (fernando.reyes@medinaandalucia.es).

### Post-Doctoral Position in Natural Products Metabolomics (42 months):

We look forward to hire a Postdoctoral Researcher to be funded by the project TOPCAPI (H2020-NMBP-BIO-2016). TOPCAPI will exploit the

natural fabrication power of actinomycetes as microbial cell factories to produce three high value compounds: GE2270, a starter compound for the semi-synthesis of NAI-Acne, a new topical anti-acne drug in Phase II clinical trials; and two intermediates for semi-synthetic conversion to medically important type II polyketide tetracyclines (TC), to be used against Methicillin resistant *Staphylococcus aureus* infections. The work will focus on two *Streptomyces* host species that will be characterised using systems biology approaches. Integrated data analysis to transcriptomics and metabolomics experiments will be combined with predictive mathematical modelling to drive the rapid improvement of these microbial cell factories for industrial drug production using advanced metabolic and biosynthetic engineering approaches. At the same time, TOPCAPI will establish an expanded toolbox for the engineering of actinomycete bacteria as cell factories for other high added-value compounds.

Fundación MEDINA will be in charge of the metabolomics analysis of the original producers and the engineered strains in the study, as well as in the iterative system analysis of the new strains, including the isolation and identification of their metabolites.

Fundación MEDINA offers a postdoctoral researcher position to be contracted for a period of 42 months under the conditions of the call.

Potential candidates should demonstrate previous experience in metabolomics and isolation of natural products.

Interested candidates in joining Fundación MEDINA under this scheme should contact Dr Olga Genilloud (olga-genilloud@medinaandalucia.es).

For further information about the centre, please contact Dr Olga Genilloud (olga.genilloud@medinaandalucia.es)

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## University of Granada, Vice-Rectorate for Research and Transfer

Granada, Spain

<http://www.ugr.es/> - <http://investigacion.ugr.es/>



Universidad de Granada

socio-economic engagement has enabled us to create over 20 spin-offs and patents over 230 products in recent years

### JOB OPPORTUNITIES

#### UGR-Fellows Programme

The UGR-Fellows programme aims to attract talented young researchers, who have recently completed their postdoc, enabling the establishment of new lines of research by funding innovative and high quality research projects, one for each branch of knowledge (Art and Humanities, Health and Life Sciences, Experimental Sciences, Social and Legal Sciences and Techniques).

Fellows will be granted for a period of three years. During that period, fellows will be incorporated to UGR staff, as full researchers. Additionally, researchers recruited under these research projects may provide teaching collaborations.

- Beneficiaries will receive an additional amount of 10,000€ to develop their research project
- At the time of the relevant deadline for submission of proposals, researchers shall not have resided or carried out their main activity (work, studies, etc) in Spain for more than 12 months in the 3 years immediately prior to the reference date
- Candidate must hold a PhD, with an experience of a maximum of 7 years after doctorate
- Selected candidates will have to publicly present their research project to the Selection Committee (proposed by the Vice-Rector for Research and Transfer), either physically or through videoconference.

More information is available at:

<http://investigacion.ugr.es/pages/planpropio/2016/normas/p21>

The city of Granada, situated between the Mediterranean Sea and the Ski resort of Sierra Nevada is one of the most attractive areas in the South of Spain, not only for its privileged location but also for its University, cradle of transfer knowledge from its foundation in 1531. Granada is a unique student environment, with its University covering all knowledge areas, and having 70,000 Undergraduate and Master students, of whom 10,000 come from abroad.

The University of Granada (UGR) has 3,700 professors and researchers, 6,120 Master and Doctorate students of whom 1,484 are foreign students. It has 123 Departments, 14 Research Institutes and 4 Research Centres.

Currently at the UGR, there are over 3,000 permanent researchers, 580 active research projects and 365 research groups. We are involved in 48 international research projects within the EU framework.

According to ARWU (Academic Ranking of World Universities), the University of Granada (UGR) is among the 300-400 first universities of the world and among the 8 first Spanish Universities. Specialities at UGR that stand out from are Mathematics (among 101-150 position) and Computer Sciences (position 76-100). It also stands out in wider areas like Engineering/TIC (151-200).

The Campus Biotic Granada has been awarded by the Spanish Government as Campus of International Excellence and it is divided into 4 knowledge areas: Bio health, Information and Communication Technologies (TIC), Earth System and Heritage and Culture.

We contribute to regional, national and international socio-economic development by means of world-class education, high quality research, providing top-class services, and by collaborating closely with the local administration and business.

Our institution's commitment to improving training and research techniques, knowledge transfer, and

For further information, please contact Dr María J Martín Bautista ([promofpi@ugr.es](mailto:promofpi@ugr.es))



## Centro Andaluz de Nanomedicina y Biotecnología, BIONAND

Málaga, Spain

[www.bionand.es](http://www.bionand.es)



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The Andalusian Centre for Nanomedicine and Biotechnology (BIONAND) is a joint research centre conceived as a space for research excellence in nanomedicine, being the first specialized center in Spain focused exclusively towards healthcare-applied nanotechnology research. It is located in the Andalusian Technology Park (PTA) in Malaga. Bionand has been designed as a multidisciplinary centre, fostering interactions between professionals from healthcare, university and private sectors. It has been created in order to undertake the process of the physical, chemical and functional characterization of nanostructures with biological applications, and for this purpose is extremely well-equipped with the latest scientific technologies, as consequence of its unique focus on specific scientific areas.

**Research in BIONAND:** There are currently three main areas where research groups perform their scientific activity: Nanodiagnosics, Therapeutics Nanosystems, and Regenerative Nanomedicine. Each of these areas includes different strategic lines, including the centre's different research groups.

BIONAND research groups are dealing with the most important clinical challenges considered for Nanomedicine in Horizon 2020, such as inflammation, neurodegenerative diseases, cardiovascular and cancer. These research groups already collaborate with a large number of world-class research centers and universities, and some of them are active participants within themed national research networks, such as the Network of Biomedical Research Centers in the subject area of

Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN) and the Networks for Cooperative Research in Health of the Carlos III Health Institute in the subject areas of Cellular Therapy (TerCel Network) and Adverse Reactions to Allergens and Drugs (RIRAAF Network); and international networks (such as Cost Actions). Moreover, it is noteworthy that BIONAND research groups have experience receiving international researchers supported by European and national mobility programs, including the Andalusian Nanomedicine Program, Talentia and Talent Hub grants and Marie Skłodowska-Curie actions.

**Facilities:** Research groups and also external companies are supported by various Research Support Units, all of them with specialized technical staff: the Nano-Imaging Unit, Cell Culture Unit, Chemical Unit, Histology Unit, the Animal House (rat, mouse and zebra fish) and other core facilities. The Nano-Imaging Unit is one of the most remarkable ones. It brings together a wide range of cutting-edge technologies, including high-field magnetic resonance imaging and spectroscopy, micro-CT, intra-vital optical imaging, electron microscopy, advanced optical microscopy (multiphoton, superresolution...), cell sorting and high content screening. The unit has been conceived and optimized to provide very diverse and integrated technological support for nanotechnology-based biomedical research, offering advance services to internal and external users.

**Why Nanomedicine?** Nanomedicine is a field expected to produce great advances in scientific knowledge and in the diagnosis and treatment of diseases based on

using nanomaterials that have properties that are fundamentally different from classical materials. This promise has been reflected in the last decade of scientific activity in Nanomedicine, which has seen dramatic growth worldwide both qualitatively and quantitatively, becoming one of the most promising of

new scientific advances, with a clear increase in both public and private investment. Nanomedicine is expected to play a major role in making personalized medicine, one of the most important objectives of 21st century in healthcare.

## JOB OPPORTUNITIES FOR 2017

Doctoral NanoMedPhD-COFUND Programme Call:  
Nanomedicine Doctoral Programme (NanoMedPhD) is a new strategic programme that will launch an open call for a total of 8 incoming fellowships, to provide trans-nationality mobility for early-stage researchers and offer them training activities and specific academic formation that lead to the award of a doctoral degree in the emerging field of Nanomedicine.

The scientific supervision of their research activity will take place in BIONAND through its Principal Investigators, and regarding the academic training, fellows will be enrolled in one of the four Doctoral Programmes related to this discipline and offered by the University of Málaga academic partner of this programme.

Selected fellows will be offered an employment contract for a period of 3 years, including attractive employment conditions (mobility, family and travel allowance).

The call is expected to be launched on 1st October 2016. The expected date of recruitment of fellows will be 15<sup>th</sup> September 2017.

A specific website will be created for NanoMed PhD Programme, which will describe in detail the eligibility criteria, selection and evaluation procedure for applicants. A link for this specific website will be included in BIONAND's website soon ([www.bionand.es](http://www.bionand.es)).

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 713721.



## JOB OPPORTUNITIES FOR 2017

### Fellowship Programme

8 postdoctoral research fellowships (3 year contract, salary offered will be similar to a Marie Curie Fellow salary).

Further information about this action will be published on the Bionand website in the next few months ([www.bionand.es](http://www.bionand.es)).

Consolidated Talent Recruitment Programme Call:  
The Consolidated Talent Recruitment Programme is the second strategic programme in BIONAND that will launch an open call for 2 senior nanomedicine researchers who want to continue their career in our centre as Principal Investigators. Selected researchers will be offered an employment contract for a period of 36 months (expandable by up to another 2 months) with attractive conditions (equivalent to a full professor salary) and substantial funding for research expenses.

The call, currently under preparation, is expected to be launched in 2016, Q4. Researcher recruitment is expected to be completed during 2017.

Further information about this action will be published on the Bionand website in the next few months ([www.bionand.es](http://www.bionand.es)).

This call will be co-funded by ERDF funds and the Andalusian Government. Specific funding information will be offered on launch.

For further information, please contact us: [rhh@bionand.es](mailto:rhh@bionand.es); [agonzalvez@bionand.es](mailto:agonzalvez@bionand.es)



## University of Deusto – Deusto International Research School

Bilbao, Spain  
[www.deusto.es](http://www.deusto.es) - [www.deusto.es/dirs-cofund.es](http://www.deusto.es/dirs-cofund.es)



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Over the last decades, and as a result of the UDEUSTO's international recognition for its robust and innovative educational structure, a dynamic ecosystem has been generated among the University's main stakeholders both locally and internationally.

The ecosystem represents a network connecting outside institutions with internal structures to promote cooperation, co-creation, and interdisciplinarity among different doctoral programmes, research centres, research teams and interdisciplinary research platforms.

The research training programme is structured around a threefold dimension composed of international, inter-sectoral, and interdisciplinary components: the triple "I". Deusto International Research School (DIRS) collaborates with numerous foreign partners since it is part of international reference networks, and leads projects in several research focus areas. Cooperation with these partners, set up through formal agreements, allows early stage researchers to move to other centres and enhance their international experience during the training process. Likewise, the programme has a strong inter-sectoral component. DIRS programmes' orientation and responsiveness to societal needs and challenges have resulted in well-established partnerships with several enterprises and institutions which co-fund research projects in each of the research focus areas. These projects are

carried out by integrating the cultural, productive, and social spectrum, through an interdisciplinary approach from the four research foci.

### **JOB OPPORTUNITIES**

#### **PhD Programme Call UDEUSTO DIRS-COFUND**

Supported and co-funded by the European Commission through the Horizon 2020 Marie Skłodowska-Curie COFUND Programme and other 42 partners, the University of Deusto provides 16 three-years positions offered in two calls: first to be launched in February 2016 and second in February 2017.

The Deusto International Research School (<http://www.deusto.es/cs/Satellite/deusto/en/phd-1>) aims at attracting qualified international Early Stage Researchers for high quality PhD training. The aim of the school is to increase the international, intersectoral and interdisciplinary mobility of researchers, in line with the principles set out in the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers and with the EU Principles for Innovative Doctoral Training.

Selected candidates will enroll in one of the seven existing doctoral programmes around four research foci:

- Education and Lifelong Learning

- Health and Wellbeing
- Human Rights, Peace and Conflict Resolution
- Sustainable Development and Innovation

There is a choice of 30 selected topics for recruitment (<http://www.deusto.es/cs/Satellite/deusto/en/phd-1/dirscofund/about-dirscofund/positions>). From all candidates applying to these topics, 8 will be recruited in the 2016 Call.

Furthermore, the programme will provide transnational and cross-sectoral mobility opportunities. Besides, the wide set of academic and non-academic partners institutions participating in the project will provide hosting and secondment opportunities to be decided with PhD tutor and set in the Personal Career Development Plan and training in research and T-shaped skills.

Following high quality European Commission's requirements, the candidates will be selected via an open, transparent, merit-based, impartial, equitable and internationally advertised procedure, in order to avoid any kind of inequality or discrimination, guarantying a fair selection process.

Regarding terms and conditions, the selected candidates will sign an employment contract and they will benefit from a shared supervision and mentoring process formally inscribed in the Doctoral Agreement and the individualized Personal Career Development Plan.

For further information, check the 2016 Guide for applicants (<http://goo.gl/IGmbgS>). 2017 Call for applications will open in February 2017, with the guide for applicants being published in the following months).

Eligibility criteria can be checked on: <http://goo.gl/V9Foor>

For more information about the DIRS-COFUND, visit: [www.deusto.es/dirs-cofund.es](http://www.deusto.es/dirs-cofund.es) or e-mail us: Osane Uriarte ([ouriarte@deusto.es](mailto:ouriarte@deusto.es)), Iaskun Urien ([iurien@deusto.es](mailto:iurien@deusto.es))



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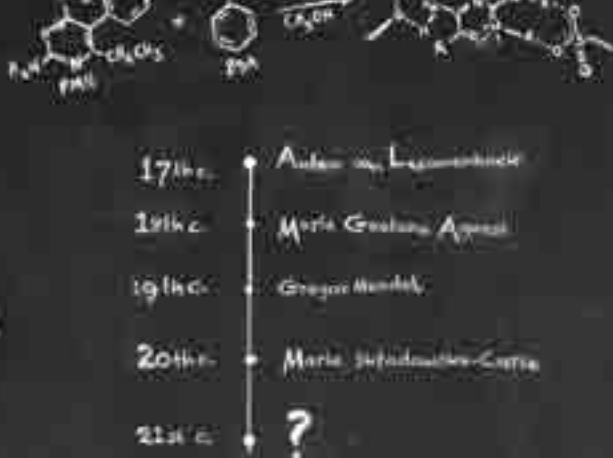
Other job opportunities  
More job opportunities can be found on:  
<http://goo.gl/xAoheT>

**INPhINIT**  
The "la Caixa" Fellowship Programme

Many people form part of history.

Only a few manage to change it.

INPhINIT, the new "la Caixa" Doctoral Fellowship programme  
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## INPhINIT, the new "la Caixa" Doctoral Fellowship programme

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The "la Caixa" Foundation is a Spanish social, non-profit organisation that aims to contribute to the progress of people and society. Its main lines of action are to offer opportunities to the most vulnerable, to support progress through educational, science and cultural activities, to contribute to the greater understanding and improvement of the environment, to support research into life and health sciences, social sciences and humanities and to foster the dissemination of science and technology.

Since 1982, the "la Caixa" Foundation manages **fellowship programmes**, by means of which over 4,000 young talented fellows have been awarded grants to take postgraduate studies both in Spain and abroad. The "la Caixa" fellowship programmes are well known for their prestige, the seriousness and rigour of their selection processes, the excellent academic level of their fellows and the impact that they have on their fellows' career prospects.

### INPhINIT, the new "la Caixa" Doctoral Fellowship programme

INPhINIT is a new doctoral fellowship programme devoted to **attracting international Early-Stage Researchers** to the top Spanish research centres in the areas of Bio and Health Sciences, Technology, Engineering and Mathematics. INPhINIT is promoted by the "la Caixa" Foundation with the aim of **supporting the best scientific talent and fostering**

**innovative and high-quality research in Spain** by recruiting outstanding international students and offering them an attractive and competitive environment for conducting research of excellence.

INPhINIT recruits per call **57 Early-Stage Researchers of any nationality**, who enjoy a **3-year employment contract at the Research Centre of their choice** among those selected and awarded by the Spanish Ministry of Economy and Competitiveness ("Severo Ochoa" centres of excellence and "Maria de Maeztu" units of excellence) and the Spanish Ministry of Health ("Carlos III centres of excellence"). In addition, researchers establish a **personal career development plan** including transnational, intersectoral and interdisciplinary **mobility opportunities**, and attend a full range of **complementary training courses and workshops**.

INPhINIT relies on the **European Commission's support** through the **Horizon 2020 Marie Skłodowska-Curie Actions - COFUND** programme to recruit a larger number of researchers and achieve a broader impact, as well as to further pursue the highest standards for research training.

### What do we offer?

- **3-YEAR EMPLOYMENT CONTRACT** in a stimulating research training environment, with access to appropriate equipment, facilities and opportunities.

- **MONITORING SCHEME**, PhD supervisor appointed by the host organization, responsible for the research project included in a career development plan.

- **COMPLEMENTARY TRAINING PROGRAMME** provided by Oxford University Innovation, the technology transfer company of the University of Oxford and Vitae, the British organization leader in realizing the potential of researchers by transforming their professional and career development.

- **HIGH-QUALITY ACADEMIC AND INDUSTRIAL SECONDMENTS** choosing among national and international partners that range from SMEs, including university spinouts to global large corporates.

- **MENTORING SERVICE**, an assigned mentor from "la Caixa" existing network of alumni, "la Caixa" Fellows' Association.

- **PUBLIC ENGAGEMENT ACTIVITIES**: taking part to some of the several initiatives that "la Caixa" Foundation launches with the aim at the dissemination of science to the whole society.

- **NETWORKING ACTIVITIES**: Scientific conferences and events organized by the host organizations will help researchers to establish contacts, build new ties and initiate collaborations with both industry and academia, and to potentiate their career opportunities as independent researchers, as well as the social activities promoted by "la Caixa" Fellows' Association.

If you are interested, contact  
becas@fundacionlacaixa.org  
For more information and applications, visit  
[www.inphinitlacaixa.org](http://www.inphinitlacaixa.org)



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**"la Caixa" Foundation**





# !nterTalentum



**UNIVERSIDAD AUTÓNOMA DE MADRID**  
European and International Projects Office (OPEI)  
intertalentum@uam.es



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MSCA-COFUND-2015-FP - MARIE SKŁODOWSKA-CURIE  
CO-FUNDING OF REGIONAL, NATIONAL AND  
INTERNATIONAL PROGRAMMES (COFUND-FP)



# PROGRAMME FOR POSTDOCTORAL Talent Attraction TO THE INTERNATIONAL EXCELLENCE CAMPUS (CEI) UAM + CSIC

**InterTalentum**, is a programme developed by the **Universidad Autónoma de Madrid (UAM)** which intends on building particularly favourable environment to attract **the best experienced researchers** in the four Focus Research Areas of CEI UAM+CSIC:

- **Biology and Biomedicine**
- **Nanoscience, Nanotechnology and Advanced Materials**
- **Theoretical Physics, Computer Sciences and Mathematics**
- **Social Sciences, Legal Sciences and Humanities**

## InterTalentum



18 postdoctoral fellowships  
of 2-years duration

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candidates of any nationality,  
with PhD degree and fulfilling  
the Marie Curie mobility rule<sup>1</sup>



**Transparent and International  
evaluation process**

**Next call:**

**1 July 2016 – 30 September 2016**

**1. Mobility Rule:** at the time of recruitment by the host organisation (expected deadline for recruitment 31/05/2017), researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their host organization for more than 12 months in the 3 years immediately prior to the reference date. Compulsory national service and/or short stays such as holidays are not taken into account.

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<http://euraxess.es/eng/jobs/research-career-development-in-spain>