



ARE YOU INTERESTED IN APPLYING FOR A MARIE CURIE FELLOWSHIP IN SPAIN?

We offer you the possibility of applying for a Marie Curie fellowship in any of the following biomedical research centers and Clinical Bioinformatics Area, located in Andalusia. Please find below more information about them:



www.cabimer.es/web3/en/home/

WHERE?

Andalusian Molecular Biology and Regenerative Medicine Centre (CABIMER) is located in Seville.

WHY?

CABIMER is a groundbreaking multidisciplinary biomedical research centre in Andalusia, drawing together basic and applied research with the aim of transforming the results of the scientific work carried out there into direct improvements to citizens' health and quality of life.

FURTHER INFORMATION about its groups, in *annex 1*.



www.bionand.es

WHERE?

Andalusian Centre for Nanomedicine and Biotechnology (BIONAND) is located in Málaga.

WHY?

BIONAND was created as a multidisciplinary research space, where different professionals from the healthcare, university and business areas interact, making it possible to generate new systems to diagnosis, prevention and treatment of diseases, from the creation and development of devices materials and nano-scale.

FURTHER INFORMATION about its groups, in *annex 1*.



<http://www.genyo.es/en>

WHERE?

Pfizer –Universidad de Granada–Junta de Andalucía Centre for Genomics and Oncological Research (GENYO) is located in Granada.

WHY?

GENYO is a multidisciplinary research space, where different professionals from the healthcare, university and business areas interact, making it possible to generate new systems to diagnose, prevent and treat diseases based on the joint and coordinated application of first-rate knowledge in the different areas of genetics.

FURTHER INFORMATION about its groups, in *annex 1*.



www.clinbioinfospa.es/

WHERE?

CLINICAL BIOINFORMATICS AREA (CBA) is located in Seville.

WHY?

The research of CBA focuses on the development and use of translational and clinical bioinformatics approaches to identify and develop novel diagnostic, prognostic and therapeutic approaches for human disease by integrating molecular and clinical data. The area is also evaluating methods to facilitate the use of genomic sequencing data into clinical practice.

FURTHER INFORMATION about its groups, in *annex 1*.



MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIPS (IF): EUROPEAN FELLOWSHIPS (EFS)

Marie Curie individual Fellows are European fellows. They are a great option if you are an experienced researcher looking to give your career a boost by working abroad. They offer exciting new learning opportunities and a chance to add some sparkle to your CV.

European Fellowships

- are open to researchers moving within Europe, as well as those coming in from other parts of the world.
- can restart a research career after a break, such as parental leave.
- can help researchers coming back to Europe find a new position.

WHO CAN APPLY?

- This action is for experienced researchers from across the world.
- Applicants need a doctoral degree or at least four years' full-time research experience by the time of the call deadline.

WHAT CAN BE FUNDED?

All **research areas** can be funded. MSCA Fellows come from a wide variety of disciplines – from physics to linguistics, and from health-sciences to mathematical modelling.

WHAT THE FUNDING COVERS

The grant provides an **allowance to cover living, travel and family costs**. In addition, the EU contributes to the training, networking and research costs of the fellow, as well as to the management and indirect costs of the project. The grant is awarded to the host organisation, usually a university, research centre or a company in Europe.

HOW DO I APPLY?

You submit a **research proposal**, including your CV. The proposal is **written jointly with a host organisation(s)**.

FUNDACION PROGRESO y SALUD, your best option for as hosting organizations.

Are you a researcher interested in carrying out your research in Europe? **Fundación Progreso y Salud (FPS)** present your its hosting offers (Expressions of Interest) from its **research centers, located in Andalusia**, interested in supporting your application to the MSCA Individual Fellowships Calls. You could find more information regarding FPS institutions and Marie Curie Individual Fellows in the attached document. If you are interested send an email with an expression of interest and your CV attached to the following address: gestionproyectos.fps@juntadeandalucia.es. The subject of the email must be "MSCA-IF-2018-(name of the group or its PI you are interested in)". **Deadline: 15 July 2018.**

ANNEX 1



Pancreatic Islet Development & Regeneration

- P.I: Benoit Gauthier
- Research Lines:
 - Pancreatic islet physiology and pathophysiology
 - Gene regulatory networks implicated in b-cell plasticity
 - Anti-diabetic drug development and testing
- For further information: <http://www.cabimer.es/web3/en/research-groups/pancreatic-islet-development-regeneration/>



Retinal degeneration: from genetics to therapy

- P.I: Shomi Bhattacharya
- Research Lines:
 - Disease gene mapping and gene identification of inherited eye diseases
 - Functional characterization of novel eye related genes and to study the impact of mutations on protein function
 - To understand the molecular basis of the disease process and develop novel approaches for treatment of patients with eye diseases
- For further information: <http://www.cabimer.es/web3/en/research-groups/retinal-degeneration-from-genetics-to-therapy/>



Cellular therapy of the Diabetes Mellitus

- P.I: Bernat Soria Escoms
- Research Lines:
 - Diabetes Mellitus cell therapy
 - Embryonic Stem Cells Biology
 - Differentiation of Stem Cells toward mesoderm "myocardial therapy"
 - Directed differentiation towards ectoderm
- For further information: <http://www.cabimer.es/web3/en/research-groups/cellular-therapy-of-the-diabetes-mellitus/>



Synthetic Biology and Smart Therapeutic Nanosystems Laboratory

- P.I: Guillermo de la Cueva
- Research Lines:
 - Design and development of intelligent therapeutic agents through synthetic biology
 - Design and development of multimodal therapy response diagnostic and monitoring systems
 - Design and development of drug delivery systems to target cells in vivo
- For further information: <http://www.bionand.es/groups/sbstnl>



Biomedical Magnetic Resonance Laboratory

- I.P: María Luisa García Martín
- Research Lines:
 - Breast Cancer Metabolomics by 1H HR-MAS NMR
 - Magnetic Nanomaterials for MRI molecular imaging of prostate tumors
 - Metabolomics of neurodegenerative diseases using high resolution liquid NMR
- For further information: <http://www.bionand.es/groups/mml>



Fundación Progreso y Salud
CONSEJERÍA DE SALUD



Clinical Bioinformatics Area

- I.P: Joaquín Dopazo Blázquez
- Research Lines:
 - Translational Bioinformatics
 - Systems Medicine
 - Computational Biology
- For further information: <http://www.clinbioinfospa.es/>



PFIZER-UNIVERSIDAD DE GRANADA-JUNTA DE ANDALUCÍA
CENTRE FOR GENOMICS AND ONCOLOGICAL RESEARCH



Gene and Cell Therapy

- P.I: Francisco Martín Molina
- Research Lines:
 - Lentiviral vectors
 - Genome edition using specific nucleases (SNs) (zinc finger nucleases (ZFNs) y CRISPR/Cas9)
- For further information: <http://www.genyo.es/en/content/grupo?id=226761361721779024776166101941691472318783>



Genetics of Complex Diseases

- P.I: Marta Alarcón Riquelme
- Research Lines:
 - Study of the genetic basis of systemic lupus erythematosus (SLE)
 - Analysis of genes for autoimmune diseases in Meniere disease or hypoacusia, as well as in the primary antiphospholipid syndrome
- For further information: <http://www.genyo.es/en/content/grupo?id=2018472222313193771422131077916224125107>



Biology of LINE-1 retrotransposons

- P.I: Jose Luis García Pérez
- Research Lines:
 - Impact and genomic mosaicism induced by the human LINE-1 retrotransposon
 - LINE-1 and Fanconi Anemia
 - LINE-1 and cancer
 - L1 activity during human early embryogenesis
 - Epigenetic control of LINE-1 retrotransposons
- For further information: <http://www.genyo.es/en/content/grupo?id=108833125076106897516814624721120872216169>



Stromal Cell and Immunology

- P.I: Per Anderson
- Research Lines:
 - Analysis of the heterogeneity of MSC preparations
 - Understanding how MSCs modulate the immune response
 - The role of Glycoprotein A repetitions predominant (GARP) in MSC biology
 - The role of MSCs and GARP in cancer
- For further information: <http://www.genyo.es/en/content/grupo?id=1158215125238931507314610293325540252109>



Proteases and Extracellular Matrix

- P.I: Juan Carlos Rodríguez Manzanque
- Research Lines:
 - Characterization of the mechanism of action of ADAMTS metalloproteases by the identification and functional study of its biological substrates
 - Determination of tumor and stem cell plasticity by the modification of the extracellular microenvironment
 - Studies of functional genomics for the mechanisms of acquisition of endothelial phenotypes by tumor cells
- For further information: <http://www.genyo.es/en/content/grupo?id=20111013416912119932711446223161161185117145>



Gene Regulation, Stem cells and Development

- P.I: Verónica Ramos
- Research Lines:
 - Human models of hemato-endothelial development based on hPSCs
 - Generation of human megakaryocytes and platelets from hPSCs
 - Generation of human experimental models of Bernard-Soulier Syndrome using cellular reprogramming
 - Development of human models for infant acute myeloid leukemias based on hPSCs
- For further information: <http://www.genyo.es/en/content/grupo?id=53131142220148208125741787619724510107530>