

OPEN CALL AT IRB BARCELONA

Open call for Postdoctoral Candidates to apply for Juan de la Cierva Incorporación 2020

IRB Barcelona is a world-class research centre devoted to understanding fundamental questions about human health and disease. It was founded in October 2005 by the Government of Catalonia (Generalitat de Catalunya) and the University of Barcelona (UB), and is located at the Barcelona Science Park (Parc Científic de Barcelona).

The Institute's missions include conducting multidisciplinary research of excellence at the unique interface between biology, chemistry and medicine, providing high-level training in the biomedical sciences to staff, students and visitors, driving innovation through active technology transfer to the benefit of society, and actively participating in an open dialogue with the public through a series of engagement and education activities.

IRB Barcelona seeks

Postdoctoral Fellows to apply for Juan de la Cierva INCORPORACIÓN, in the referenced labs hereunder:

- Aging and Metabolism:
 - [Gene Translation](#)
PI: Lluís Ribas
Keywords: Translation, Expression regulation, Transfer RNA, inflammation, RNA modifications, epitranscriptomics
- Mechanism of Diseases:
 - [Comparative Genomics](#)
PI: Toni Gabaldón
Keywords: Comparative genomics, host-microbiome interactions
 - [Structural Characterization of Macromolecular Assemblies](#)
PI: Maria Macias
Keywords: TGFb signaling, SMAD mutations and disease, Small molecule binders, Peptidomimetics, Chemical Biology, Xray/NMR structural Biology.
 - [Molecular Modelling and Bioinformatics](#)
PI: Modesto Orozco
Keywords: physicist, computational chemist, chromatin 3D models, functional dynamics, proteins, DNA.
 - [Targeted protein degradation and drug discovery](#)
PI: Cristina Mayor
Keywords: Targeted protein degradation, PROTACs, heterobifunctional molecules, medicinal chemistry, click chemistry, chemogenetics, drug discovery
- Cancer Science:

- [Biomedical Genomics](#)
PI: Núria López-Bigas
Keywords: Cancer genomics, Mutational Processes, Cancer Driver Genes, Computational Biology, Bioinformatics.
- [Signalling and Cell Cycle](#)
PI: Angel Nebreda
Keywords: signaling network, stress response, cancer cell homeostasis, chemotherapy resistance, tumor microenvironment, targeted therapy, mouse models.
- [Research Unit on Asymmetric Synthesis](#)
PI: Antoni Riera
Keywords: Targeted protein degradation, PROTACs, heterobifunctional molecules, medicinal chemistry, click chemistry, chemogenetics, drug discovery, synthesis of heterobifunctional molecules.

- **JdC Incorporación main requirements:**

Please confirm your eligibility for this call before applying.

- PhD qualifications between 2016-2018.
- Applying to the Institution where the PhD training was performed is allowed only after having performed at least 12 months in other institution(s).
- Not have been beneficiary in prior calls of any JdC -Incorporación or RyC.

More info at:

[Juan de la Cierva Incorporación 2020](#)

- **Applicants for the above opening should contact directly to the laboratory PI.**
- **Deadline for applications: 21/12/2020**
- **Selection process**
Candidates will be selected on the basis of their CV and experience.
- **Number of positions available: 1 per laboratory.**

For more information please visit our website at: www.irbbarcelona.org