

OPEN CALL FOR PhD STUDENT CANDIDATES TO APPLY FOR ISCIII'S *Contratos PFIS: Contratos Predoctorales de Formación en Investigación en Salud* FELLOWSHIP (ref. PREDOC/19/02).

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

A PhD Student candidate to apply for the call of Instituto de Salud Carlos III (ISCIII) *Contratos Predoctorales de Formación en Investigación en Salud (PFIS)*.

The successful candidate will work on the *optimization and validation (in tumor cells and in ex vivo model systems) of a promising therapeutic RNA tool -recently developed in our laboratory- for combined cancer therapy. The optimization process will consist in the functionalization of this RNA tool with fluorophores and with peptide carriers targeting specific tumor receptors, preparation of nanoparticle formulations, as well as cell entry, gene-knockdown and cell viability studies.*

The thesis will be directed by Dr. Montserrat Terrazas, Miguel Servet Senior Researcher at the *Molecular Modelling and Bioinformatics laboratory* (PI Prof. Modesto Orozco).

More information:

Dr. M. Terrazas: https://scholar.google.es/citations?user=Y_d0vEoAAAAJ&hl=es

Prof. M. Orozco:

<https://www.irbbarcelona.org/en/research/molecular-modelling-and-bioinformatics>

<https://scholar.google.com/citations?user=AbEX8KoAAAAJ&hl=es>

CANDIDATE REQUIREMENTS:

- Grade with outstanding qualifications in biochemistry, pharmacology or chemistry or related fields.
- Candidates should have been either enrolled or admitted to a Doctorate Program in a Spanish university by academic course 2019-2020.

More info at: <http://www.isciii.es/ISCIII/es/contenidos/fd-investigacion/fd-financiacion/fd-convocatorias-ayudas-accion-estrategica-salud/acceso-solicitud-ayudas.shtml>

Please confirm your eligibility for this call before applying.

HOW TO APPLY & SELECTION PROCESS



IRB BARCELONA endorses the Requirements and Principles of the *European Charter for Researchers*, the *Code of Conduct for the Recruitment of Researchers* and Open, Transparent, Merit-based recruitment promoted by the European Commission and follows Equal Opportunities policies.

On 9th December, 2014, IRB Barcelona was awarded the "HR Excellence in Research" logo. This recognition reflects the commitment of the Institute to continuously improving its human resources policies in line with the *Charter & Code*. The Institute works to ensure fair and transparent recruitment and appraisal procedures.

- Applicants should send their CV + motivation letter to Dr. M. Terrazas (montserrat.terrazas@irbbarcelona.org)
- Deadline for applications: **17/02/2019**
- Selection process: Candidates will be selected exclusively on merit, on the basis of their curricula.

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



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