

JOB OPENING AT IRB BARCELONA

Predocctoral Researcher - (FPI fellowship) (ref. PRE/21/05)

Created in 2005 by the Generalitat de Catalunya (Government of Catalonia) and the University of Barcelona, IRB Barcelona is a Severo Ochoa Centre of Excellence—a seal that was awarded in 2011.

The institute is devoted to conducting research of excellence in biomedicine and to transferring results to clinical practice, thus improving people's quality of life, while simultaneously promoting the training of outstanding researchers, technology transfer, and public communication of science. Its 25 laboratories and seven core facilities address basic questions in biology and are orientated to diseases such as cancer, metastasis, Alzheimer's, diabetes, and rare conditions.

IRB Barcelona is an international centre that hosts 400 members and 30 nationalities. It is located in the Barcelona Science Park. IRB Barcelona forms part of the Barcelona Institute of Science and Technology (BIST) and the "Xarxa de Centres de Recerca de Catalunya" (CERCA).

IRB Barcelona seeks a motivated Predocctoral Researcher (FPI fellowship) for the Targeted protein degradation & Drug Discovery Lab led by Dr. Cristina Mayor-Ruiz. The successful candidate will be granted a FPI fellowship. The candidate should have a chemistry background ideally complemented with biology knowledge. Our lab pursues highly multidisciplinary and collaborative research at the interface of molecular biology, functional genetics, medicinal chemistry and bioinformatics. The successful candidate will develop and apply cutting-edge technology for biomedical research in the growing field of dimerizers (drugs that endow protein neofunctions by inducing proximity between proteins, e.g. degraders).

She/he is expected to have good university grades in chemistry and biomedical related fields. Experience in chemistry is paramount. Experience in cell biology, biochemistry or chemical biology (through master research projects or equivalent) would be greatly valued. Enthusiasm for research, commitment and independence would be an asset.

For more info about the call (please confirm your eligibility for this call before applying):

http://www.aei.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnextoid=490233572bed4710VgnVCM1000001d04140aRCRD&lang_chosen=en

DUTIES

- Lead a project about dimerizer drug discovery in the lab & participate in other projects.
- Participate and present in group meetings and scientific discussions
- Engage in career development activities, outreach and soft-skill training

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- Experience/Knowledge: BSc and MSc in Chemistry, Biochemistry or alike.



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

- **Skills:** *Experience in chemistry (synthesis) is paramount. Experience in cell biology, biochemistry or chemical biology (through master research projects or equivalent) would be greatly valued*

Desirable

- **Experience/Knowledge:** Chemical biology, drug design, structural biology, PROTACs, chemical & phenotypic screening, protein expression & purification.

WORKING CONDITIONS & ENTITLEMENTS

- **Working conditions:** Employed in compliance with Spanish legislation and regulations under a full-time contract. Employees receive the benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work.
- **Training and Career:** Training is a way of life at IRB Barcelona. PhDs have access to a wide variety of scientific activities and services and an extensive network of academic and industrial contacts, which serve to strengthen the perspectives of their research career. Furthermore, they can benefit from our Language Training Programme. PhD students receive close mentoring and work on a research project that is chosen in mutual agreement with their group leader.
- **International environment:** Nearly 100 students (almost half non-Spanish nationals) are currently working toward their PhD theses at IRB Barcelona.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include **Full CV and Motivation Letter** and should be sent by apply on <https://recruitment.irbbarcelona.org/> with the Reference: **PRE/21/05**

- **Deadline for applications:** **7/11/2021**
If no suitable candidate is found, the deadline will be extended.
- **Number of positions available:** **1**
- **Selection process**
 - **Pre-selection:** Will be based on CV, motivation letter, experience, management of research and innovation.
 - **Interviews:** Short-listed candidates will be interviewed.
 - **Job offer:** Will be sent to the successful candidate after the interview.

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

Note: The strengths and weaknesses of the applications will be provided upon request.

If you, as an applicant, have any suggestion or wish to make a complaint regarding the selection process, please contact us at the following email address: irbrecruitment.suggestions@irbbarcelona.org