

JOB OPENING AT IRB BARCELONA

Postdoctoral Researcher (ref. PD/21/11)

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 motivated **Postdoctoral Researcher for the MMB Group** of the Institute for Research in Biomedicine (IRB Barcelona; <http://mmb.irbbarcelona.org/www/>) in the study of modified nucleic acids with therapeutic properties. The selected candidate will work in an outstanding environment with strong support from modelling teams, close collaboration with international groups and will have access to top facilities, under the framework of the project "Simulación Multiresolución de ácidos nucleicos" (MSCOM), funded by the Spanish Research State Agency (RTI2018-096704-B-I00)".

DUTIES

We are looking for a candidate to work on our experimental lab in the processes of **synthesis, characterization and study** of new compounds, ranging from **small molecules** (especially, modified nucleotides), oligonucleotide derivatives and oligonucleotide-peptide conjugates.

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- PhD in **Chemistry**.
- Experience in **oligonucleotide synthesis**.
- Experience in **chemical biology**.
- Experience in cell culture; Western blot and confocal microscopy will be a plus.
- **Fluent English**
- Good **teamwork skills**.

Desirable

- Experience: In peptide synthesis and protein modification.
- Skills: Good skills on mentoring and training PhD students.



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.

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. Salary commensurate with experience and qualifications.
- **International Environment:** The opportunity to join a prestigious international research institution and become a member of an established research group **Molecular Modeling and Bioinformatic Unit**.
- **Continuous training** in a high-quality environment.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include **Full CV, motivation letter and list of publications** and should apply <https://recruitment.irbbarcelona.org/>, Reference: PD/21/11

- **Deadline for applications:** 20/10/2021
When the applicants do not fit the requirements, the deadline will be able to be extended.
- **Number of positions available:** 1
- **Selection process**
 - **Pre-selection:** Will be based on CV, Publications, motivation letter, experience, management of research and innovation.
 - **Interviews:** Short-listed candidates will be interviewed.
 - **Offered Position:** 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 You will receive a response within a month.