

JOB OPENING AT IRB BARCELONA

Technical Officer for the Drug Screening Platform (ref. CF/24/04)

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 28 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 450 members and 35 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 is seeking a Technical Officer to join the Drug Screening Platform.

At the Drug Screening Platform (DSP), we support Chemical Biology and Drug Discovery projects. Our expert team provides tailored experimental support for a wide range of targets and technologies during the Candidate Discovery phase, from High-Throughput Screening (HTS) to Lead Optimisation.

At IRB Barcelona, we have set up a screening platform with state-of-the-art technology, which allows HTS and provides support for Hit to Lead and Lead Optimisation projects in an efficient and automated way.

Currently, we are expanding our facility in order to support the scientific community and move the science a step forward to the discovery of new medicines.

This position is under the framework of the INVESTIGO Programme for recruitment of young job seekers to carry out research and innovation - Funded by the European Union - NextGenerationEU.

DUTIES

- Assay development (Cellular and biochemical assays)
- High Throughput Screening (Cellular and biochemical assays) execution in 384 format and support to H2I and LO activities.
- Use of automated screening platforms at user level.
- Support compound management activities.
- Perform cell culture activities.

SELECTION CRITERIA INVESTIGO PROGRAMME

Required conditions for candidates to meet, as this position belongs to the INVESTIGO Programme:



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.

- Before the starting of the labour relationship with the institute, the candidate must be registered as a job seeker in the “Servei Públic d'Ocupació de Catalunya” and has to have been unemployed.
- Not having previous labour relations with the IRB Barcelona within a period of 6 months, before the beginning of the contract.
- Only applicable for candidates under 30 years old (before the start of the employment contract).
- To hold at least a bachelor degree related to the field, which give the candidate the competencies and skills required for the position. Candidates holding a Msc. or a PhD. are also eligible and welcome to apply

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- **Experience:**
 - Degree on biomedical field
 - Experience working in Tissue Culture
 - Experience in biochemical and cell biology techniques ideally in 96/384 well formats
- **Skills:**
 - Good Planning skills
 - Detail-oriented
 - Well organized
 - Clear sense of accountability
 - Teamwork skills
 - Customer orientation
 - Strong initiative and innovation abilities
 - Ability to learn tasks quickly
 - Enthusiasm and self-motivated individual with the ability to work independently or with minimal supervision.

Desirable

- **Experience:**
 - More than 3 years in drug discovery in pharma/biotech/academic research.
 - Experience with assay development, High Throughput Screening (HTS) and compound profiling for both, biochemical and cellular assays.
 - Familiar with a wide range of targets (enzymes, PPis, GPCRs etc) and technologies (Alpha, HTRF, FP, luminescence, etc).
 - Familiar with HTS sample processing, data generation, data interpretation and data reporting.
 - Familiar with HTS equipment (Echo650, multidrop, pipettors, readers, workstations such as CellExplorer etc)
- **Knowledge:** on drug discovery processes, screening equipment and technologies and a wide range of protein targets, and on how to address the assay development for each one.

WORKING CONDITIONS & ENTITLEMENTS

Working conditions: Contract linked to the INVESTIGO Programme, to allocate young people in search of a job in the research field, under the framework project: “Pla de Recuperació, Transformació i Resiliència”. 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 leave and injuries at work.

Estimated annual gross salary: 24.875€. Salary might be negotiable based on experience and qualifications.

International Environment: The opportunity to join a prestigious, diverse and inclusive international research institution.

Benefits: Continuous training in a high-quality environment with unique professional career opportunities.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include a **Full CV and Motivation Letter** and should apply on <https://recruitment.irbbarcelona.org/>, Reference: **CF/24/04**

- **Deadline for applications: 09/05/2024**
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. You will receive a response within a month.