

JOB OPENING AT IRB BARCELONA

RESEARCH ASSISTANT (ref. LAB/18/16)

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 is seeking a highly motivated and interactive Postdoctoral Scientist to join the Signaling and Cell Cycle Laboratory led by Dr. Angel Nebreda within the Oncology Programme.

Our group investigates molecular mechanisms of signal integration during tumorigenesis using a combination of biochemical approaches, studies in cultured cells and mouse models.

See recent scientific publications:

<https://www.irbbarcelona.org/en/research/signalling-and-cell-cycle-laboratory>

We are now looking for a motivated and interactive scientist to participate in a project that investigates the mechanisms of activation and functions of stress kinase pathways.

DUTIES

- Investigate research questions and perform experiments under guidance from Group Leader
- Purify and characterize recombinant proteins, performing kinase assays and protein binding assays
- Perform cell-based assays, including cell proliferation and cell death analysis
- Implement established protocols and develop new protocols
- Produce high quality data to be included in research papers for publication
- Share knowledge and expertise for the benefit of others
- Present findings to group members
- Participate in lab maintenance and organization

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- **Knowledge:**
 - Degree in Biological Sciences or related fields
 - Strong background in Biochemistry, Cell and Molecular Biology techniques
 - Biochemical studies with protein kinases, including in vitro kinase assays and analysis of cell proliferation and survival in cell lines



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:**
 - Highly independent person
 - Proactive and problem solving skills
 - Ability to work in a team including willingness to share knowledge and expertise for the benefit of others
 - Excellent writing and verbal communication skills in English

Desirable

- **Knowledge:**
 - Recombinant proteins purification and characterization
 - Western blotting and Immunoprecipitation
- **Skills:** Excellent organizational and communication skills

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 leave 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.
- **Continuous training** in a high-quality environment.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include a **cover letter summarizing research experience and interest**, full CV and the **names and addresses of two references** and should be sent by e-mail to: irbjobs@irbbarcelona.org with the Reference: **LAB/18/16**

- **Deadline for applications:** 11/11/2018
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, experience and motivation letter.
 - **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.