

JOB OPENING AT IRB BARCELONA

Postdoctoral Researchers to work on computational genomics of cancer (ref. PD /21/01)

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 is a member of the BIST (Barcelona Institute of Science and Technology).

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

IRB Barcelona is seeking to recruit two Postdoctoral Researchers to join the lab of Dr. Núria López-Bigas at the IRB Barcelona (<http://bbglab.irb.barcelona.org>).

We are searching for two highly motivated Postdoctoral Researchers to work on projects analyzing somatic mutations in whole-genomes with the aim of understanding mutational processes and their implication in clonal expansion and tumorigenesis.

Ideal candidates should have previous experience in bioinformatics analysis of genomics data, including mutations, RNA levels, genomic elements, etc. They will have coding experience with Python and/or R, and knowledge in data analysis. She/he should have strong analytical skills, in addition to creativity, curiosity, enthusiasm, and ability to work in a team. The candidate will participate and perform the activities, tasks, and reports within the framework of the NONCODRIVERS project funded by European Research Council (ERC) under the European Union's H2020 research and innovation programme (GA - 682398).

The BBGLab is a strong interdisciplinary and international research team with unique expertise in the analysis of tumor genomics data. More information in <http://bbglab.irbbarcelona.org>

DUTIES

The successful candidate will

- Participate in cancer genomics research projects in the group
- Co-supervise bioinformatics PhD or Master students together with the PI
- Write manuscripts together with other researchers and the PI

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- PhD in Biomedicine, Biology, Bioinformatics, Mathematics, Physics, Medicine or equivalent.
- Experience in genomics data analysis and databases.



IRB BARCELONA endorses the Requirements and Principles of the HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter>" *European Charter for Researchers*, the HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/codeOfConduct>" *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 HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter>" *European Charter for Researchers* & *Code of Conduct*. The Institute works to ensure fair and transparent recruitment and appraisal

- Fluency in English.
- Knowledge of statistics and data analysis.
- Ability to work independently and within a collaborative research team

Desirable

- Excellent interpersonal and communication skills.
- Experience in international teams.
- Experience in cancer genomics.

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. . Salary commensurate with experience and qualifications.
- **Training and Career:** Postdoctoral researchers joining IRB Barcelona gain access to the Institute's advanced research training and career development opportunities, all within in a competitive international environment. Courses and workshops on themes of particular interest to postdocs are offered regularly by the Institute.
- **International environment:** Nearly 90 Postdoctoral researchers (more than a half non-Spanish nationals) are currently working at IRB Barcelona.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include a CV, referees contact information, and a letter of interest and should apply on <https://recruitment.irbbarcelona.org/> with the Reference: PD/21/01

- **Deadline for applications:** 10/02/2021
When the applicants do not fit the requirements, the deadline will be able to be extended.
- **Number of positions available:** 2
- **Selection process**
 - **Pre-selection:** Will be based on CV, motivation letter and experience.
 - **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.



IRB BARCELONA endorses the Requirements and Principles of the HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter>" *European Charter for Researchers*, the HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/codeOfConduct>" *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 HYPERLINK "<http://ec.europa.eu/euraxess/index.cfm/rights/europeanCharter>" *European Charter for Researchers* & *Code of Conduct*. The Institute works to ensure fair and transparent recruitment and appraisal