

JOB OPENING AT IRB BARCELONA

Postdoctoral Researcher in Innate Immune Biology (ref. PD/23/14)

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 seeks to recruit two highly motivated Postdoctoral Researchers from the national and international community to join the Innate Immune Biology group of Dr. Stefanie Wculek (<https://www.irbbarcelona.org/es/research/innate-immune-biology>).

We aim to recruit experienced wet-lab biologists who are curiosity-driven and responsible team players that are leading their research together with the PI. S/he will work on projects to understand the role of the innate immune system and their immunometabolism in homeostasis and during aging, which will be defined together with the successful candidates, based on his/her interests.

We provide a stimulating, interactive, challenging and equal opportunity team-working environment in a modern research institute, with innovative research infrastructures and core facilities. Moreover, we offer training in hard and soft skills with world-class support at the group- and institute-level to maximize professional career development.

The positions are financed by the ERC Starting Grant project "Studying the metabolism and function of myeloid dendritic cells and neutrophils in distinct tissues in health and aging (MyTissue)".

DUTIES:

- Lead and organize projects within the group's scientific scope with the PI.
- Conduct high quality research in collaboration with other team members.
- Participate and report results in group meetings and scientific discussions.
- Engage in training of junior scientist of the research group.
- Write manuscripts together with the PI.

ELIGIBILITY

Must Have - Required:

- Experience: PhD in biomedicine or biosciences (ideally completed within no more than 2 years). Performing and disseminating of scientific studies.

- Knowledge: highly motivated and collaborative, with enthusiasm to lead conceptually and technically challenging research projects. Fluency in written and spoken English.
- Skills: organized, responsible and creative.

Desirable:

- Experience: Research on innate immune cells, aging and/or immunometabolism. Supervision of students or technicians. Coordination of collaborative research efforts.
- Knowledge: Mass and Flow Cytometry and sorting, Mouse models, Primary human tissue and cell culture, Bioinformatics tools for analysis of gene expression, Multiplex immunohistochemistry, Molecular biology techniques including cloning and CRISPR.

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.
- **Estimated annual gross salary:** 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. Opportunity to join a prestigious, diverse and inclusive international research institution.

HOW TO APPLY & SELECTION PROCESS

Applications for the above opening should include a full CV and Motivation letter and contact information for former supervisors.

Please apply on <https://recruitment.irbbarcelona.org/> Reference: PD/23/14

- **Deadline for applications:** 26/04/2024 (If no suitable candidate is found, the deadline will be extended) early application is highly encouraged.
- **Number of positions available:** 1
- **Selection process:**
 - **Pre-selection:** Will be based on CV, motivation letter, experience.
 - **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: irbreruitment.suggestions@irbbarcelona.org