

JOB OPENING AT IRB BARCELONA

Research Officer-Histopathology Core Facility (ref. CF/24/01)

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 29 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 500 members and 45 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 motivated scientific biomedical professional (veterinarian, biologist, biotechnologist or from a similar area of knowledge) with proven skills in molecular pathology and image analysis to cover a position in the Histopathology Facility.

DUTIES

- Provide expertise and drive ideas in molecular pathology, spatial biology, digital pathology solutions and methods to support Immunohistochemistry (IHC), immunofluorescence (IF), multiplex IF and in-situ hybridization (ISH) pathology studies.
 - o Molecular pathology: lead the development of assays for the investigation of new targets and disease biomarkers of human diseases - antibody based immunofluorescence tissue assays (IHC, IF, mIF) and fluorescent in-situ hybridization (FISH) techniques.
 - o Computerized pathology: Use of the different image analysis tools and interpretation of the tissue data. Able to build new solutions and challenges in biomedical image and spatial biology.
- Integrate the information obtained by molecular, image analysis and spatial assays with other experimental pathology data.

EXPERIENCE, KNOWLEDGE, SKILLS & SELECTION CRITERIA

Must Have - Required

- **Experience:**

PhD, postdoc or Master in Veterinary, Biology, Biotechnology degree or equivalent with proven experience in a laboratory of pathology, biomedicine or similar.

Expertise in developing antibody based pathology assays (IHC, IF) and other molecular assays (FISH).



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.

Digital pathology and Image analysis expertise.

- **Knowledge:** Biology, Anatomy, Histology, General Pathology and Molecular Pathology, Tissue Image Analysis and other related fields.
- **Skills:**
 - Strong interpersonal and teamwork skills
 - Proven collaboration and communication skills
 - Self-motivated, pro-activity and eager to drive innovation in the area of molecular pathology
 - Fluent English (written and oral)
 - Informatics and Statistical skills

Desirable

- **Experience:** Experience in spatial biology Antibody immunofluorescence based assays
- Rodent necropsy and sample collection. FELASA accreditation.
- **Knowledge:** Histopathology of animal models of human diseases.
- **Skills:** Custom orientation

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.
- **Estimated annual gross salary:** Salary commensurate with experience and qualifications.
- **International Environment:** The opportunity to join a prestigious, diverse and inclusive international research institution and to become a member of an established core facility.
- **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 **Full CV and Motivation Letter** and should apply on <https://recruitment.irbbarcelona.org/>, Reference: **CF/24/01**

- **Deadline for applications:** **27/05/2024**
If no suitable candidate is found, the deadline will be extended.
- **Number of positions available:** 1
- **Selection process:**



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- **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
Please check our [Recruitment Policy](#).

Note: The strengths and weaknesses of the applications will be provided upon request.



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