

Senior Laboratory Technician at the Spatial Biotechnology Research Group

Introduction to the vacant position:

The Spatial Biotechnology Group is looking for a Senior Laboratory Technician to manage the research group laboratory and develop and implement experimental approaches for spatial omics.

This project is financed by the ERC-2023-StG project “Integrative profiling and engineering of clonal cancer cell behaviors: from the tissue level down to the molecular scale” from the EU Horizon Europe program, with grant agreement number 101117905.

Main tasks and responsibilities:

- Laboratory management: maintain and organize laboratory supplies, reagents, and equipment, ensure adherence to safety protocols and regulations, collaborate effectively with other lab members, and assist in training and mentoring junior lab members.
- Independently perform a wide range of molecular biology techniques.
- Execute tissue processing and imaging protocols, including immunohistochemistry, *in situ* hybridization, and multiparameter tissue imaging.
- Conduct cell culture experiments, including primary cell isolation, maintenance of cell lines, and genetic manipulations.
- Assist in the development and optimization of novel experimental protocols for spatial omics.
- Operate and maintain advanced microscopy equipment.
- Maintain organized and well-documented records of experimental data and analysis results.

Requirements for candidates:

Essential:

- BSc and MSc in a relevant field (e.g., biology, biochemistry, biotechnology).
- A minimum of 5 years of experience working in a research laboratory, preferably in cancer biology or a related field.
- Demonstrated expertise in molecular biology techniques, tissue imaging, microscopy, and data analysis.
- Good working knowledge of English.
- Willingness to work in a highly multidisciplinary environment and a fast-paced and dynamic research environment.
- Excellent organizational, time management, and problem-solving skills.
- Good skills in communication, teamwork, proactivity, commitment, integrity, critical and analytical thinking, precision, and focus.

Advantageous:

- Experience with high-throughput assays, automation, and computational tools is a plus.
- Previous experience in image analysis.
- A genuine interest in spatial biology, cancer research, and the development of new technologies.

We Offer:

- Number of available positions: 1
- Starting date: September 2024
- Working conditions:
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 - Full time 3-year employment contract. Open-ended contract due to technical and scientific activities linked to the project and budget duration.
 - Very competitive salary.
 - Measures to reconcile work and family life (parental leave, flexible schedule working hours, 23 working days of paid holidays, 9 leave days for personal matters, among others).
- IBEC ensures equality of access to professional development opportunities irrespective of employment status, length at IBEC or other factors.
- Stimulating, interdisciplinary research and high-quality international scientific environment.
- Induction program to facilitate incorporation at IBEC and additional support is provided for foreigners to obtain Visa-working permit and to install in Barcelona.

How to apply:

Until August 2nd an online application form is available through IBEC dedicated site: <https://careers.ibecbarcelona.eu/>

Only those applications submitted before the deadline will be evaluated.

Reference: SLT-XR.

If you have any further question regarding your application, please contact us at jobs@ibecbarcelona.eu

Principles of the selection process:

IBEC is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission and the Open, Transparent and Merit based Recruitment principles (OTM-R) <https://ibecbarcelona.eu/careers-at-ibec/jobs/>

IBEC's Commitment on equal opportunity:

- Our strength and excellence as an international transdisciplinary Research Institute are based on diversity. Being an equal opportunity employer, we are committed to diversity and inclusion, so that we support employees irrespective of their gender, nationality, religion, disabilities, age, sexual identity, or cultural and socioeconomic background.
- IBEC actively looks for female candidates for Senior positions ensuring that at least 40% of shortlisted applicants invited to interview have to be women with comparable level of CVs as the male candidates. At the end of the evaluation process, in case of equal merit, priority will be given to female candidates.
- For candidates with children that come from outside Barcelona, we offer babysitting services during the interview, so you don't have to worry about anything else than doing a good interview. Contact us if you are interested in this service.
- IBEC, as a signatory of the San Francisco Declaration on Research Assessment (DORA), will consider, especially for early-stage investigators, much more the scientific

content of research outputs, than publication metrics or the identity of the journal in which it were published.

Protection of personal data:

IBEC guarantees that candidates' personal data are processed in accordance with the requirements of the EU General Data Protection Regulation (GDPR) and Law 3/2018 on Data Protection.

Personal data will be processed solely for the purposes of the selection process.

Who we are?

The Institute for Bioengineering of Catalonia, IBEC is an interdisciplinary research center focused on Bioengineering and Nanomedicine based in Barcelona. IBEC is one of the top research institutions named as a Severo Ochoa Research Centre by the Ministry of Science, Universities, and Innovation, which recognizes excellence at the highest international level in terms of research, training, human resources, outreach and technology transfer.

IBEC's mission is to develop international high-quality interdisciplinary research that, while creating knowledge, contributes to making a better quality of life, improving health, and creating wealth. A close link with key universities, reference hospitals and corporations, are assets that facilitate achieving the mission.

IBEC was established in 2005 by the Generalitat de Catalunya (Autonomous Government of Catalonia), the University of Barcelona (UB) and the Technical University of Catalonia (UPC).

IBEC is located within the Barcelona Science Park and is managing 3.800 square meters facilities, with an annual budget of 22 Mio€; 4.150 square meters of facilities; 21 research groups and a team of researchers and support services of 400 people from 35 different countries.
www.ibecbarcelona.eu