



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“Bioinformatician”

Centre for Genomic Regulation (CRG)

The Institute

The Centre for Genomic Regulation (CRG) is an international biomedical research institute of excellence, based in Barcelona, Spain, with more than 400 scientists from 44 countries. The CRG is composed by an interdisciplinary, motivated and creative scientific team which is supported both by a flexible and efficient administration and by high-end and innovative technologies.

In April 2021, the Centre for Genomic Regulation (CRG) received the renewal of the '[HR Excellence in Research](#)' Award from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the [European Charter for Researchers](#) and the [Code of Conduct for the Recruitment of Researchers](#) (Charter and Code).

[Please, check out our Recruitment Policy](#)

The role

This position has been created to provide specialized bioinformatics expertise in image analysis for a project focused on breast cancer and histone post-translational modifications (PTMs). The role aims to support the quantitative analysis of imaging data derived from immunohistochemistry (IHC) and immunofluorescence (IF) experiments. The successful candidate will work in close collaboration with a technician specialized in IHC/IF and a postdoctoral fellow with expertise in bioinformatics and computational biology. This integrated effort will ensure rigorous, high-resolution spatial analysis of histone PTM patterns in tumor samples.

About the lab

Our laboratory investigates how metabolism and chromatin regulation intersect to shape cellular identity and disease, with a particular focus on cancer biology. We combine molecular biology, imaging, genomics, and computational approaches to address fundamental questions in genome regulation. The lab fosters a collaborative and interdisciplinary environment where trainees and researchers work closely across expertise areas. We are strongly committed to equity, diversity, and inclusion, and actively cultivate a respectful and supportive workplace for individuals from all backgrounds. We believe that inclusive teams drive better science and more innovative discoveries.

We are seeking a motivated junior-level bioinformatician with a strong interest in image-based data analysis and cancer research.

Whom would we like to hire?

Professional experience

Must Have

- Master's degree in bioinformatics, Computational Biology, Data Science, Biomedical Engineering, or a closely related field
- 0–3 years of research experience, preferably involving tissue/cellular image analysis
- Experience working with R and Python for data analysis and image processing

Education and training

- Master's degree in bioinformatics, Computational Biology, Data Science, Biomedical Engineering, or a closely related field





Languages

- Proficiency in English (written and spoken)

Technical skills

- Experience working with R and Python for data analysis and image processing
- Familiarity with image analysis tools (e.g., ImageJ/Fiji, CellProfiler, or similar platforms) is desirable

Competences

- Highly developed organizational skills
- Strong collaborative skills, proactive attitude, and eagerness to learn and develop new technical expertise

The Offer – Working Conditions

- **Contract duration:** Technical and scientific activities contract linked to the project duration
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales
- **Target start date:** As soon as possible.

We provide a highly stimulating environment with state-of-the-art infrastructures, and unique professional career development opportunities. To check out our training and development portfolio, please visit our website in the [training section](#).

We offer and **promote a diverse and inclusive environment** and welcomes applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.

The **CRG is committed to reconcile a work and family life** of its employees and are offering extended vacation period and the possibility to benefit from flexible working hours.

Application Procedure

All applications must include:

1. A motivation letter addressed to Dr Sara Sdelci.
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Sara Sdelci and be submitted online on the CRG Career site - <http://www.crg.eu/en/content/careers/job-opportunities>

Selection Process

- **Pre-selection:** The pre-selection process will be based on qualifications and expertise reflected on the candidates CVS. It will be merit-based.
- **Interview:** Preselected candidates will be interviewed by the Hiring Manager of the position and a selection panel if required.
- **Offer Letter:** Once the successful candidate is identified the People department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

Deadline: Please submit your application by March 18, 2026.





Suggestions: The CRG believes in **ongoing improvement** and promotes a **culture of feedback**. This is one of the reasons we have in place, at your disposal as a candidate, a mechanism to gather your suggestions/complaints concerning your candidate experience in our recruitment processes. Your feedback really matters to us in our aim at creating a **positive candidate journey**. You can make a difference and help us improve by letting us know your suggestions through the [following form](#).

