



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

**“Bioinformatician at The Epigenetic Face of Cancer Metabolism”**  
*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 of 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

We are seeking a highly motivated bioinformatician. The hired person will work on the development of bioinformatics tools and pipelines to analyze, integrate and visualize multi-omics (transcriptomics, epigenomics, proteomics, functional genomics). The ideal candidate has experience with software development, R/Bioconductor, Python, and Perl and deep knowledge of statistical data analysis. They should have strong analytical skills, in addition to creativity, curiosity, enthusiasm, and the ability to work in a team.

### About the lab

The Sdelci Lab at the CRG is focused on understanding the role of chromatin-bound metabolic enzymes in epigenetic regulation during aggressive cancer development and progression.

This position is sponsored by ERC funding.

### Whom would we like to hire?

#### Professional experience

##### Must Have

- You hold a Ph.D. in Bioinformatics or related
- You have experience analyzing omics data (at least one among RNAseq, proteomics, functional genomics, and epigenomics)
- You have software development capabilities and experience with R/Bioconductor, Python, and/or Perl
- You have strong analytical skills with a robust understanding of statistical concepts
- You have collegiality, ambition, dedication, independence, and rigor in scientific pursuits

#### Desirable but not required/ Nice to have

- You have experience with AI

C/ Dr. Aiguader, 88  
08003 Barcelona  
Tel. +34 93 316 01 00  
Fax +34 93 316 00 99  
[www.crg.es](http://www.crg.es)





- You have experience analyzing High content/High Throughput images (e.g. from array phenotypic cellular screenings)
- You know omics integration and visualization

### Education and training

- You hold a Ph.D. in Bioinformatics or related

### Languages

- You are fluent in English

### Competences

- You have highly developed organizational skills
- You can simultaneously work on different tasks/projects
- You have a multi-tasking, problem-solving and proactive attitude
- You want to expand your knowledge
- You have excellent communication skills

### The Offer

- **Contract duration:** 1 year (extension is possible)
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** December 2022

We provide a highly stimulating environment with state-of-the-art infrastructures and unique professional career development opportunities.

We offer and promote a diverse and inclusive environment and welcome applicants regardless of age, disability, gender, nationality, race, religion, or sexual orientation.

The CRG is committed to reconciling the work and family life of its employees and is offering extended vacation periods and the possibility to benefit from flexible working hours.

### Application Procedure

All applications must include:

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

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

For further information, you can directly email the PI of the group: [sara.sdelci@crg.eu](mailto:sara.sdelci@crg.eu)

### 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 Human Resources department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

**Deadline:** Please submit your application by November 30<sup>th</sup>, 2022

**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](#).



HR EXCELLENCE IN RESEARCH

