



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

The candidate will further develop a bioinformatic project initiated in our lab focused on investigating the function of epigenetic factors in mouse embryonic stem cells and in human iPS, as well as in several human disease models.

### About the team/ lab/ department

Understanding the genetic basis of cancers has been a topic of intense research, and hundreds of gene mutations have been identified that can cause carcinogenesis. However, in the past few years, increasing evidence has suggested that mutations are not the only genetic changes that lead to cancer. Indeed, perturbations of chromatin structure and of other epigenetic mechanisms can cause inappropriate gene expression and genomic instability, resulting in cellular transformation and malignant outgrowth.

Our research investigation is focused on understanding the role of several protein complexes that are involved in chromatin dynamics and metabolism, which when altered could participate in the establishment and maintenance of the aberrant silencing of tumor suppressor genes.

### Whom would we like to hire?

#### Professional experience

##### Must Have

- Previous experience in the field of bioinformatics and general cell biology is strongly required
- A highly motivated and organized candidate
- Capable of working in a group, and with a high degree of work autonomy

#### Education and training

- You hold a PhD in Biology or Bioinformatics (or a similar topics)

#### Languages

- You are proficient in English





### Technical skills

- Bioinformatic techniques, including analysis of ChIPseq, RNAseq and ATACseq, single Cell Analysis
- Computer skill such as knowledge of C, C++, Java, Perl, and R

### Competences

- Highly developed organizational skills

### The Offer – Working Conditions

- **Contract duration:** 3 years
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales
- **Target start date:** September 1, 2023

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 Luciano Di Croce.
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Luciano Di Croce 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 August 25, 2023.





**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](#).

