



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

**“Scientific Technical Manager IMPACT”
(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

We are looking for a motivated and versatile candidate to manage the scientific and technical components of the biodiversity genomics projects in which our group is involved, specifically the Earth Biogenome Project (<https://www.earthbiogenome.org/>, EBP) and the Catalan Initiative for the EBP (CBP).

Key responsibilities:

- To Collaborate with the EBP/CBP leads to manage the biodiversity genomics data produced by the project and overseeing the entire flow of the data: from sample collection to genome annotation and functional analyses.
- Develop and maintain web-based tools and applications to support data management and analysis.
- Provide technical support and training to CBP members as needed.
- To develop the protocols to interface the CBP data with the main international players in biodiversity genomics, specifically the European Reference Genome Atlas and the EBP.
- To identify the key scientific areas within Biodiversity Genomics to which our group could be involved. To help set up priorities.
- To promote the diversity genomics projects in which the group is involved and to develop actions of societal engagement.
- To explore, together with the Strategy and Funding department at the CRG, to attract funding at the local, national and international level to support Biodiversity Genomics Projects.

About the lab

The overarching theme of the research in our lab is the understanding of the information encoded in genomic sequences, and how this information is processed in the pathway leading from DNA to protein sequences. More specifically, we are interested in the epigenetic regulation of gene expression and RNA processing, the relationship between molecular phenotypes and higher order endophenotypes and organismal phenotypes, and the identification of functional regions on the genome of all living beings. Our group is mostly computational, and we do both large-scale data analysis and development of methods, but it has also an important experimental component. We participate in many large scale international functional genomics projects, such as ENCODE, GTEx, BluePrint and others.





Whom would we like to hire?

Professional experience

Must Have:

- Background in biodiversity genomics
- Interest in web application development
- Interest in data and project management

Education and training

- Bachelor's degree or higher in bioinformatics, computer science, or a related field

Languages:

- Highly proficient in both spoken and written English
- Knowledge of the Catalan language will be a plus

Technical skills:

- Programming skills in one or more of the following web-frameworks (FastAPI, Flask, Django, Vue, Angular, React)
- Familiarity with SQL or noSQL database will be a plus
- Familiarity with version control systems such as Git and containerization tools like Docker
- Understanding of computational pipelines frameworks such as Nextflow or SnakeMake is preferred

Competences

- Project management skills
- Capacity to work independently, but also ability to interact with others, both with colleagues within the group and from the project consortium
- Excellent communication and teamwork skills
- Ability to manage multiple tasks effectively

The Offer – Working Conditions

- **Contract duration:** technical and scientific activities contract linked to the project estimated until 31/12/2024
- **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 Roderic Guigó
2. A complete CV including contact details.^[SEP]
3. Contact details of two referees.





All applications must be addressed to Dr. Roderic Guigó 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 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 July 15, 2024.

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](#).

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"Una manera de hacer Europa"



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