



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“Bioinformatician in microtubule function and cell division”
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 September 2026, the Centre for Genomic Regulation (CRG) has 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 recruiting a bioinformatician to turn experimental biological data into reliable analyses that guide research decisions. The selected candidate will work with researchers to organize and quality check datasets, develop reproducible scripts and workflows, analyse results, and communicate findings clearly to experimental colleagues. Initial work is expected to involve analysis of variation in gene expression and genetic variants in the TTLL and CCP tubulin modifying enzymes and their partners and regulators. The successful candidate will document code and methods so that analyses can be reviewed, reused and extended within the group.

Key responsibilities:

- Build and maintain documented analysis workflows for the group's biological datasets, including data cleaning, quality control, visualization and reporting
- Work with experimental researchers to define analysis plans, interpret results and identify follow-up experiments
- Contribute to statistical analyses and, where appropriate, predictive models, with suitable validation and clear reporting of limitations
- Maintain organized code, data and metadata, and help colleagues use shared analyses reproducibly

About the team

The candidate will work in the group of Dr. Vernos (CRG) in a collaboration with the group of Dr. Dopazo (BBRC institute). The group of Dr. Vernos works on the role of microtubule posttranslational modifications by TTLL and CCP enzymes in human diseases and cancer. The group of Dr. Dopazo works on the analysis of genetic variants in humans and their role in disease.

Whom would we like to hire?

Professional experience

Must Have

- Personal and technical management experience, including supervision and training with experience in start-up and industrial settings





- Experience in wet lab work with knowhow on bacteria and eukaryotic cell culture, molecular biology, virus and bacteriophages
- At least two years of hands-on experience in producing and analysing biological or biomedical research data, gained in a research, clinical or industry setting. Equivalent substantial project experience will be considered
- Demonstrated use of Python or R to clean, analyse and visualize data, and the ability to explain analytical choices to experimental scientists
- Experience documenting scripts, organizing data and checking the quality and reproducibility of analyses

Desirable but not required

- Experience with omics datasets, especially proteomic, metabolomic or sequencing data, and integration of measurements from several assays
- Experience developing or evaluating predictive models, including an understanding of validation and potential sources of bias

Education and training

- A PhD in molecular biology is required. A degree in bioinformatics, computational biology, biotechnology or a related field, together with evidence of relevant quantitative or programming training

Languages

- Excellent working English, spoken and written, for scientific collaboration and documentation

Technical skills

- Proficiency in Python or R and practical experience with data handling, visualization and versioned or otherwise traceable analysis. Experience in laboratory methods, experimental design, or RNA and synthetic biology research is an advantage

Competences

- Careful data handling and attention to quality; collaborative communication with experimental colleagues; independent problem solving; clear documentation; ability to prioritize and deliver agreed analyses
- Highly developed organizational skills

The Offer – Working Conditions

- **Contract duration:** Technical and scientific activities contract linked to the project with an estimated duration of 2 years.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** November 2, 2026

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 Isabelle Vernos.

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08003 Barcelona
Tel. +34 93 316 01 00
Fax +34 93 316 00 99
www.crg.es





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

All applications must be addressed to Dr. Isabelle Vernos 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 manager.
- **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 October 19, 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](#).

