



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“Specialised Technician at the Genomics Unit”
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 CRG Genomics unit is seeking a Specialised Technician with an advanced knowledge in Biology, Next Generation Sequencing (NGS) and bioinformatics. The primary role of this position will be to design the Flow Cells to be run by the Unit and to support the data quality control workflow including checking quality of the sequencing data produced and to transfer all data generated to the users. Also, the role implies to give support with the Laboratory Management System (LIMS) and the web portal Agendo both used for sample traceability and submission. The position also requires helping Genomics Technicians and users with the troubleshooting of the sequencing runs.

About the team

The scope of the Genomics Unit is to provide excellent, cutting-edge services in the fields of next-generation sequencing (NGS). The team is led by Dr. Berta Fusté and composed of 14 highly experienced NGS technologies technicians. The Unit is also dedicated to testing, implementing, and developing new genomic applications that are of relevance to the CRG and its lines of research.

The Unit is equipped with a wide range of short-read sequencing instruments from Illumina (2 Novaseq6000, 1 Nextseq2000, 1 Nextseq500, 1 MiSeq, and 1 iSeq100), and also it has a long-read sequencing instrument from Oxford Nanopore Technologies (1 MinION and 1 P2solo). The unit is also prepared with all the instrumentation for DNA and RNA quality control and NGS library preparation, including 2 TECAN robots for automation of protocols.

The Genomics Unit is embedded in the CRG Core Technologies Programme that includes the technology units of proteomics, bioinformatics, protein technologies, tissue engineering, flow cytometry and advanced light microscopy. The programme is directed by Mònica Morales and all units collaborate strongly in the setup and implementation of transversal workflows and technologies across units.

Whom would we like to hire?

Professional experience

Must Have

- Knowledge of molecular biology, genomics, sequencing technologies, and bioinformatics

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- NGS data quality control (FastQC) to check the integrity and quality of the data sequenced
- Fluency in using the Linux command line, bash scripts and HPC
- Proven experience in programming, fluency in Python and R

Desirable but not required/ Nice to have / Will have to learn

- Experience with using Linux containers, git/GitHub

Education and training

- PhD in biology, bioinformatics or a related discipline or an equivalent working experience

Languages

- Proficiency in English

Competences

- You are very good at communicating with people of diverse scientific and technical backgrounds
- You are organized, disciplined and meticulous in your work
- You are good at critical thinking and solving analytical problems
- You are able to work in a team and independently
- You have a proactive attitude in providing innovative solutions

The Offer – Working Conditions

- **Contract duration:** Permanent position (full-time)
- **Estimated annual gross salary:** Salary is commensurated with qualifications and consistent with the CRG pay scales.
- **Target start date:** May 2, 2025

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. Berta Fusté, Head of Genomics unit.
2. A complete CV with contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Berta Fusté. To 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 20/04/2025

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

