



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“TECHNICIANS AT THE CRG/UPF PROTEOMICS 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

A new position is open for 2 technicians at the CRG/UPF Proteomics Unit. The laboratory focuses on the identification, quantification and characterization of proteins by liquid chromatography and mass spectrometry. The duties associated with the position will mainly focus on sample handling, maintenance of liquid chromatographers and mass spectrometers, assessment of instrument performance, inventory check, laboratory purchases, and support to researchers.

The Lab

Proteomics technologies connect the biological complexity with the molecular pathological mechanisms, and they are used in many translational research projects for both the diagnosis, and the understanding of disease mechanisms. The CRG/UPF Proteomics Unit focuses its technological research activities on the development of mass spectrometric methods for targeted protein quantitation, the characterization of protein interactions, and the identification of protein post-translational modifications with high sensitivity, reproducibility, accuracy and precision. The Unit tackles several aspects to overcome the current analytical limitations to enable rapid, high-quality proteome quantification in patient biopsies, tissues, and cell cultures. The main research goals of the Unit are to define what peptides are the best protein surrogates for protein quantification in whole-proteome analyses, to extend the precision and accuracy of single-biomarker methods to whole-proteome quantification analyses, and to develop highly sensitive acquisition methods compatible with fast proteome analyses for high sample throughput. The CRG/UPF Proteomics Unit is part of the Spanish National Infrastructure of Omics Technologies (ICTS OmicsTech) and the European consortium EPIC-XS (2019-2022).

Professional experience

Must Have

- Previous experience in mass spectrometry, proteomics or similar analytical techniques

Education and training:

- Bachelor's in science on Chemistry, Biology, Pharmacy, Biochemistry or related disciplines
- “Cicle Formatiu de Grau Superior” in disciplines related to “Chemistry”





Technical skills required

- Previous experience in liquid chromatography and/or mass spectrometry
- Previous experience in sample handling
- Previous experience in biomedical/chemical research
- Good skills with office automation and data analysis software

Competencies

- Candidates must have good communication skills, capable of working in a group and with a high degree of work autonomy
- Analytical skills and critical thinking

Languages

- Good communication skills and fluency in English

The Offer – Working Conditions

- **Contract duration:** 1 year
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** Sept/Oct 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 Eduard Sabidó.
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Eduard Sabidó 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 10th September 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](#).

Required by MCINN in Plan Estatal

