



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“Technician for Scientific Software development” *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 technician with a strong interest in scientific software development to join the FoldX (<http://foldxsuite.crg.eu/>) team. The technician will contribute to the development and unit testing of different modules and will be in charge of multiplatform compilation, maintenance, version controlling, updating web documentation and release of the different packages hosted in the lab. He will have to work in a flexible and collaborative project where communication with the members of the team is highly appreciated.

About the lab

The design of biological systems group is aiming at a quantitative understanding of biological systems to an extent that one is able to predict systemic features and with the hope to rational design and modify their behavior. This applies to any system comprising biological components that is more than the mere sum of its components, or, in other words, the addition of the individual components results in systemic properties that could not be predicted by considering the components individually. By achieving this objective, we are aiming at new global understanding and treatment of human diseases in which the target will not be a single molecule but a network.

For this purpose in the group it is developed on one hand new software and theoretical approximations to understand complex systems and on the other they do experiments to validate our predictions.

You can find more information about the group and their research projects on their website.

Whom would we like to hire?

Professional experience

Must Have

- You have experience working in C++/SQL software development projects
- You have experience with unit control testing

Desirable but not required/ Nice to have

- You have experience in web development





Education and training

- You hold a Degree in Computer Science

Languages

- You are fluent in English

Technical skills

- You have knowledge in OOP
- You have experience with version control software
- You have experience with C/Linux/MySQL

Competences

- You are highly motivated and organized
- You are capable both of working in a group and independently
- You have good communication skills

The Offer – Working Conditions

- **Contract duration:** 1 year with possibility of extension up to 4 years.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** October 2021.

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

All applications must be addressed to Dr. Luis Serrano 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 September 30th, 2021.

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

