



“Technician for the Cellular and Systems Neurobiology Lab”

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 at the Cellular and Systems Neurobiology lab to work on the validation of antioxidant compounds as therapeutic tool for various neurodevelopmental disorders, a project led by Dr. Mara Dierssen in collaboration with the company EURONUTRA and founded by Spanish Ministry of Science (RTC2019-007329-1).

The work of the candidate will be devoted to validate the effectiveness of the natural active principles extracted from carob fruit using in vivo studies in animal models of neurodevelopmental diseases without specific treatment associated with cognitive impairment: (i) Down syndrome, (ii) Fragile X syndrome, and (iii) Parkinson's disease.

About the lab

The Dierssen lab is centered on understanding cognition and behavior and their perturbation in intellectual disability. We are an interdisciplinary team of physicists, bioinformatics and experimental biologists, and we focus on data collection (behavior, 3D imaging, genomic data) of many variables of the system (longitudinal behavioral analysis, population based analysis in neuronal networks, gene expression patterns). We take advantage of computer modeling and bioinformatics analysis (gene networks, neuronal network modelling, etc.) to tackling classical unresolved questions in the field.

Whom would we like to hire?

Professional experience

Must Have

- You have proven experience in mouse behavior studies
- You hold an animal experimentation certificate (ECC/566/2015)
- You have previous experience in the area of neuroscience
- You have previous experience in molecular biological methods





Desirable but not required/ Nice to have

- You have experience in stereotaxic injections
- You have experience with R programming

Education and training

- You hold a Master degree in disciplines such as Biology, Medicine, Biochemistry or Pharmacy

Languages

- You are proficient in English

Technical skills

- You have experience in immunostaining techniques and confocal imaging
- You are able to perform PCR genotyping and capable to maintain multiple mouse colonies
- You have experience in working with cell cultures

Competences

- You are precise and well-organized
- You are a team player
- You are able to work with a high degree of autonomy.
- You have good communication skills

The Offer – Working Conditions

- **Contract duration:** 1 year with possibility of extension.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** January, 2022.

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





All applications must be addressed to Dr. Mara Dierssen 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 23rd, 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

