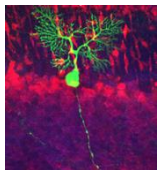


A *PhD student* and a *technician position* are available in the “**Development, wiring and function of cerebellar circuits**” laboratory at the *Institute of Neuroscience of Alicante* (<http://in.umh-csic.es>).

Our group is interested in understanding how early alterations of circuits are related to diverse neurodevelopmental disorders. The questions we pursue are grounded in determine, from a developmental perspective, how cerebellar abnormalities result in an alteration of the global brain function. (<http://in.umh-csic.es/grupos-detalle.aspx?grupo=67>).



The candidates will work on understanding the molecular mechanisms involved in the wiring of local cerebellar circuits. The positions are funded by the *SEJIGENT Grant* from the *Generalitat Valenciana* Ref: SEJIGENT/2021/036. The project will use a multidisciplinary approach that combines mouse genetics, experimental embryology techniques, 3D light-sheet microscopy, viral tracings, and functional analysis.

PhD Position:

We are looking for a highly-motivated candidate who must hold a **master degree** in Neurosciences or related disciplines. Previous experience in neuroscience, mice handling, viral tracings and/or electrophysiology would be positively evaluated.

The candidates should be committed to apply to diverse competitive PhD fellowships. A strong academic record (average academic grade over 8/10 or 2.5/4) would be an advantage.

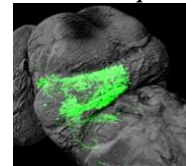
Eligibility criteria:

-Date of degree completion: after 01-01-2016.

-People with foreign degrees and master studies, must provide a proof of having request homologation or equivalency.

Laboratory Technician Position:

We are looking for a highly motivated candidate able to work independently, with flexibility and willingness to participate in the scientific work of the laboratory and the desire to learn new techniques. The applicant should have experience with mice handling, embryonic brain dissections, intracardiac perfusion, histological (immunohistochemistry, in situ hybridization), and molecular biology techniques, and FELASA certification for working with animals. Experience with mice surgery and fluorescence microscopy is a plus.



Eligibility criteria: The candidate must hold a Laboratory technician formative cycle. Candidates with only a degree or master are not eligible for the technician position.

The *PhD position* is funded for **4 years**. The *Technician position* is initially funded **1 year** with the intention to extend. The start date is January 2022.

Interested applicants should submit the following documents in a single PDF file to the email address below:

- Curriculum Vitae
- Two references
- Cover letter, detailing their educational background, lab experience, motivation for this position and their career goal.

All information or questions regarding the position should be submitted electronically to juan.moreno@umh.es.

Potential candidates will be selected for a personal interview.

Deadline: 8th October