

A postdoctoral position is 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 the mechanisms driving the development of the cerebellar circuits. The questions we pursue are grounded in determine, from a developmental perspective, how cerebellar abnormalities result in an alteration of the brain functions and their relationship with neurodevelopmental disorders:

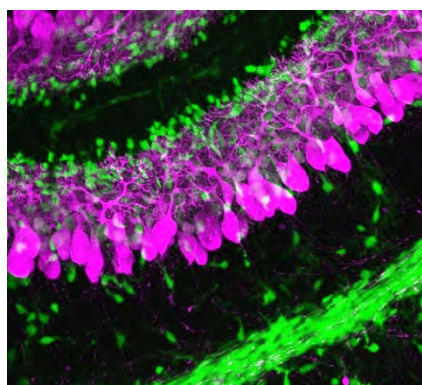
<https://in.umh-csic.es/en/grupos/development-wiring-and-function-of-cerebellar-circuits/#info-general>

<https://morenobravoja.wixsite.com/website/>



The position is funded by the *ERC Starting Grant 2020 “Cerebellar Control of Cortical Development (CERCODE)”* Ref: 950013. The candidate will investigate how early cerebellar alterations impact the development of cortical networks. The project will use a multidisciplinary approach that combines mouse genetics, functional and transcriptomic analysis.

We are looking for a highly motivated candidate with extensive experience in sample preparation and sequencing data analysis (RNA Seq, Single cell RNA-seq). The applicant is expected to be highly autonomous and pro-active, have a good organization, be eager of learning, be able to address the scientific questions of the project and design experiments in collaboration with the supervisor.



Applicants are expected to have a PhD in Bioinformatics, Computational biology, Data Science, Neuroscience, or related field.

Strong interest in investigating neuronal circuits in rodents is necessary, and experience in developmental neurobiology is a plus.

The position is initially funded for **two years** (*with possibility of one year extension*).

The candidates should be committed to apply to diverse competitive Postdoctoral fellowships (MSCA-IF, EMBO, HFSP). A strong publication record would be an advantage.

The starting date for the positions is flexible.

**Contact:** Dr. Juan Antonio Moreno Bravo ([juan.moreno@umh.es](mailto:juan.moreno@umh.es))

Interested applicants should send in a single PDF:

- Letter of interest (max 2 pages) addressing the essential criteria listed above.
- Detailed Curriculum Vitae (no space restriction).
- Two references.

**Deadline : 5 May 2023**