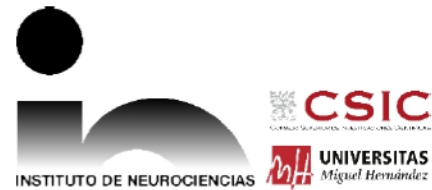


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## Postdoctoral position to study sleep and Alzheimer's disease resilience at the Functional Epi-Genomics group of the Instituto de Neurociencias of Alicante, Spain



### Description

We are looking for a highly motivated and creative postdoctoral researcher to lead a project on Alzheimer's disease (AD) resilience and sleep. The selected candidate will join the [Functional Epi-Genomics group](#) at the [Instituto de Neurociencias \(IN\)](#) of Alicante (Spain) and work in close collaboration with other groups as part of an international action funded by the [Pasqual Maragall Foundation](#).

### Research project

The project aims to characterize and causally determine the molecular underpinnings of sleep-modulation of AD resilience using a combination of mouse models and human samples, with state-of-the-art electrophysiology and behavioral techniques, and single-cell and spatial epigenetic profiling and editing tools.

### Job position

Applicants should have a PhD (awarded or soon to be awarded) in Neuroscience, Molecular Biology or any other related field. A strong background in mouse behavior and/or sleep is totally required. Previous experience in automated behavioral systems (e.g., touchscreen, Intellicage), electrophysiology, microscopy imaging, neuro-epigenetics and/or bioinformatics will be a plus but not essential. The position is intended for a maximum of 4 years starting as early as January 2024.

### Location

The [IN](#) is a joint center between the [Spanish National Research Council \(CSIC\)](#) and the [University Miguel Hernández de Elche \(UMH\)](#) that enrolls over 50 laboratories with more than 350 people from 20 different nationalities with full access to state-of-the-art facilities and extensive training opportunities. It houses an International [Neuroscience Master](#) and [PhD program](#) with their own scholarships, frequently organizes thematic congresses and meetings, and holds regular seminars with national and international speakers, which constitutes a highly stimulating research environment in one of the most attractive places in Spain and Europe to work and live, [Alicante](#).

To apply, please contact us ([email](#)) with your CV, a letter of motivation outlining your research interests and experience, your list of publications and 2-3 references (or letters of support).