

POSITIONS AVAILABLE AT THE “NEURAL CIRCUITS OF SOCIAL BEHAVIOR” LABORATORY (Alicante, Spain)

Applications are invited for one postdoctoral position and a PhD position to join the group of “Neural Circuits of Social Behavior” led by Dr. Cristina Marquez, at the Institute of Neuroscience of Alicante (Spain).

The successful applicants will pursue research projects with the goal of understanding how brain-wide neural circuits lead to social behavior in rats, in a collaborative project with the laboratory of “Plasticity of Brain Networks” (Dr. Santiago Canals) at the same institute and the laboratory of “Behavioral Neuroscience” (Dr. Marta Moita) at the Champalimaud Centre for the Unknown (Lisbon, Portugal). The techniques employed will include state-of-the-art fMRI, targeted optogenetic and pharmacogenetics manipulations, viral vector based functional circuit mapping, and quantitative rodent behaviour. The successful applicants will benefit from the collaborative, friendly and interactive culture of the Cellular and Systems Neuroscience department at the Institute of Neuroscience of Alicante, and will have the opportunity to develop collaborations with the strong developmental, molecular and genetic research groups at the Centre.

We are seeking highly enthusiastic and motivated individuals with a strong research track record (according to their training level). Experience with optogenetics, fMRI and rodent behaviour will be highly valued but are not essential. Candidates with advanced programming skills, or with backgrounds in computational neuroscience, physics or engineering are highly encouraged to apply.

For more information see:

<http://in.umh.es/grupos-detalle.aspx?grupo=55>

<http://in.umh.es/grupos-detalle.aspx?grupo=51>

<http://moitalab.org/>

Starting date: early 2018.

Candidates should send a personal statement, CV and contact information for 3 referees, to the following e-mail: cmarquez@umh.es