

January 2015

# Postdoctoral Positions Available

At López-Bendito's Laboratory

We are recruiting highly motivated postdoctoral neuroscientists to study the cellular and molecular consequences of input deprivation in the development and function of the cerebral cortex. Our research team at the Instituto de Neurociencias in Alicante focused on understanding the cellular and molecular mechanisms involved in the development and plasticity of the thalamocortical connection (<http://lopezbenditolab.com>). In particular, our aim is to uncover the principles underlying thalamocortical axonal wiring, maintenance and ultimately the rewiring of connections, through an integrated and innovative experimental programme. These include optical imaging, manipulation of gene expression *in vivo*, cell and molecular biology, biochemistry, cell culture and electrophysiology.

Candidates should have a PhD in Neurobiology and experience in molecular neuroscience, systems neurobiology and/or electrophysiology, a strong track record, and be able to work both independently.

The laboratory will provide an excellent multidisciplinary working atmosphere in a dynamic and bilingual environment at the Instituto de Neurociencias in Alicante, located in the south-east of Spain at the University of Miguel Hernández-CSIC. The host institute is composed by several research groups exploring the development, structure and function of the nervous system in normal and pathological conditions (<http://in.umh.es/>).

Candidates should send their CV, a letter of motivation, and two references to Guillermina López-Bendito: [g.lbendito@umh.es](mailto:g.lbendito@umh.es)