

POSTDOCTORAL POSITION AVAILABLE

Description

A postdoctoral position is available in the lab of Albert Quintana at the Institut de Neurociències – Universitat Autònoma de Barcelona.

The position will focus on the *in vivo* electrophysiological characterization of genetically-defined neuronal populations in mouse models of mitochondrial disease. Research involves combining *in vivo* electrophysiological recordings with optogenetic stimulation and behavioral testing in mice.

We offer work in a highly stimulating environment in a up and growing lab and state-of-the-art facilities, providing an outstanding professional career opportunity.

More information can be found at: www.quintanalab.org

Requirements

Studies

- PhD in Biological sciences or related fields

Experience

- Candidates must have ample experience in *in vivo* extracellular electrophysiological recordings (i.e. tetrode recording) as well as analysis and processing of data (i.e. unit sorting)
- Accredited experience working with mice (accreditation from the Generalitat de Catalunya will be positively valued)

Technical Skills

- Tetrode and optetrode building and stereotaxic implantation
- Good programming skills (MATLAB, R)

Terms of employment

- Duration up to 4 years, salary supported by an ERC Starting Grant
- A competitive salary, adjusted according to experience
- Starting date (estimated): September-October 2016

Application process

All applications must include:

- A motivation letter addressed to Dr. Albert Quintana
- A full CV including contact details.
- Three contacts for further references.



Please submit your application to Dr. Albert Quintana (albert.quintana@uab.cat) by **August 15th**.