

## **POSTDOC OPENING: NEURONAL CELL BIOLOGY OF INJURY**

The Le Pichon laboratory at the National Institutes of Health is recruiting a postdoctoral fellow for fully funded research to study the cell biology of neuronal injury in human iPSC-derived neurons.

Our laboratory combines cell biological and mouse modeling approaches to understand axon injury responses, their role in disease, and to develop therapeutic approaches. We are interested in how neuron types differentially respond to injury- for example, peripheral neurons have an intrinsic ability to regenerate their axons, unlike the axon degeneration commonly observed in many CNS neurons.

We are located within a highly collaborative network of outstanding labs in the Porter Neuroscience Research Center and the NIH Intramural Program, providing a stimulating and collegial interdisciplinary training environment. The candidate will be able to apply cutting edge imaging (e.g. 2-photon, EM, light sheet), next generation sequencing (10X platforms), proteomics (mass spectrometry) and bioinformatics (Biowulf computing cluster) for their studies.

### **REQUIREMENTS:**

Candidates should have a Ph.D. with a strong track-record of peer-reviewed publications, and less than 4 years of postdoctoral experience.

Expertise in molecular and cellular biology is essential, and expertise in iPSC-derived neuron work and microscopy a definite plus. We strongly encourage individuals from diverse backgrounds to apply. The position is fully funded, however, there are ample opportunities for fellowship grant-writing, and other career development support is readily available.

### **TO APPLY:**

Please send a CV, a brief description of research experience and interests, and the contact information of 3 references to [claire.lepichon@nih.gov](mailto:claire.lepichon@nih.gov). Please write “postdoctoral application 2022” in the subject header.

The NICHD is part of the of the National Institutes of Health within the Department of Health and Human Services.