

NEW

Date: 12/6/2023

TITLE: Postdoctoral Fellow - In Vitro Electrophysiology

Postdoctoral Fellow position is available in the laboratories of Attila Losonczy and Franck Polleux at Columbia University, New York. The project aims to carry out in vitro physiological and molecular characterization of pyramidal cells and interneurons in the hippocampus following spatial navigation and learning using post hoc acute slice electrophysiological (Patch-clamp) recording, molecular (Patch-seq), and imaging approaches.

Applicants should hold a PhD in neuroscience and have at least three years of expertise with in vitro electrophysiological recording techniques (e.g., whole-cell patch-clamp), and related analysis approaches (e.g., Matlab, Python).

Prior expertise with fluorescence microscopy and molecular approaches (e.g., Patch-Seq, cloning, RNA work, transcriptomics) is desired but not required.

The successful applicant will be embedded in the larger Neuroscience community at Columbia University, the Mortimer B. Zuckerman Mind Brain and Behavior Institute in the new Jerome L. Greene Science Center and benefit from our network of collaborations with research groups in the US and in Europe.

Interested candidates should send their CVs, including publications, as well as the contact information of three references to Attila Losonczy (al2856@columbia.edu) or Franck Polleux (fp2304@cumc.columbia.edu).