

Date: 12/28/2023

TITLE: Senior Staff Associate - Electrophysiologist

A Senior Staff Associate position is available at the Mortimer B. Zuckerman Mind Brain and Behavior Institute, Columbia University, New York. Available projects include (1) in vitro characterization of mouse hippocampal neurons following behavioral learning and (2) in vitro characterization of human hippocampal neurons using electrophysiological (Patch-clamp), molecular (Patch-seq), and imaging approaches.

Applicants should have a PhD in neuroscience or a related field and have at least three years of expertise with in vitro electrophysiological recording techniques (e.g., whole-cell patch-clamp, acute slice preparations, cell culture recordings) and related analysis methods (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).