

Postdoc position in the KEBSCHULL LAB at JOHNS HOPKINS UNIVERSITY

Are you interested in Barcoded Connectomics, Tool Development, & Viral Engineering?

A position for a postdoctoral fellow is available in the Kebschull Lab at the Department of Biomedical Engineering at the Johns Hopkins School of Medicine in Baltimore, MD, USA. In the lab, we develop and apply cutting-edge molecular and neuroanatomical tools to study how brain circuits change over the course of an animal's lifetime in disease and over the course of evolution. **We have a special focus on barcode sequencing-based high-throughput connectomics (BRICseq, MAPseq) and *in situ* sequencing.** Recent relevant papers include Kebschull *et al.* 2020 Science, Huang *et al.* 2020 Cell, Han *et al.* 2018 Nature, and Kebschull *et al.* 2016 Neuron. **This funded position is for a postdoc to drive forward our barcoding technologies to enable single-cell comparative connectomics across disease models and different vertebrate species.**

Candidates must hold a PhD degree (or equivalent) in neuroscience, molecular biology, biomedical engineering or a related field. The ideal candidate should have molecular biology and some bioinformatics skills, and be passionate about tool development and brain mapping. We particularly encourage applications from any underrepresented or minority group.

Our lab is located on the School of Medicine Campus of Johns Hopkins University, surrounded by world-class neuroscience and biomedical engineering labs. We are committed to establishing a first-class, stimulating, diverse, and equitable environment in our new lab to allow you to flourish, achieve your goals, and further your career.

Qualified applicants should send a letter describing their current and future research interests, their CV, and names and contact details for three references to kebschull@jhu.edu. More information is available on <https://www.kebschull-lab.org/>.

