

Postdoctoral Position

A **postdoctoral position** is available in the new laboratory of Dr. Ghazal Ashrafi (www.ashrafilab.com) located in the **Department of Physiology and Cell Biology** at **Washington University School of Medicine in St. Louis** starting in the **winter of 2020**. The lab aims to investigate molecular mechanisms of metabolic regulation at nerve terminals. The postdoctoral project involves state-of-the-art single cell imaging using optical probes to study metabolic adaptation of synapses to neuronal activity. In addition, biochemical assays will be used to determine how changes in mitochondrial protein modification impact mitochondrial metabolism at the synapse. The position gives the applicant an opportunity to fully participate in setting up a new lab and train lab members. The lab also has access to several on-campus facilities and resources, such as the Center for Cellular Imaging equipped with cutting-edge technology.

Applicant qualifications:

- PhD or MD/PhD in physiology, cell biology, neuroscience or other relevant areas
- Expertise in cell culture, protein biochemistry, imaging, and data analysis is desirable
- Strong communication skills
- Ability to work independently and as part of a growing team

To apply, please send your CV, a brief description of your research interests, as well as contact information for 3 referees to ghazaleh@wustl.edu.