The laboratory of Dr. Song Hu in the Department of Biomedical Engineering at Washington University in St. Louis (https://hulab.wustl.edu/) is looking for a postdoctoral research associate to join our vibrant, productive, and collegial multi-disciplinary research team.

Supported by federal agencies and private foundations (including the NIH, NSF, and CZI), our laboratory focuses on the development of cutting-edge optical and photoacoustic technologies for high-resolution structural, functional, metabolic, and molecular imaging in vivo and their applications in basic and translational brain, cardiovascular, and cancer research.

A position is now open for a postdoctoral research associate to lead and execute major funded projects related to the development of multi-modal optical and photoacoustic microscopy for neurovascular imaging and functional-metabolic imaging in the awake behaving rodent brain under physiological and pathological conditions. The postdoctoral research associate will have the opportunity to interact and collaborate with researchers across the engineering and medical schools at Washington University and beyond. Besides performing independent and collaborative research, the postdoctoral fellow will also have the opportunity to supervise trainees and write research proposals.

The ideal candidate will have a solid background in optics/photoacoustics/ultrasound-based imaging, excellent communication skills, and the ability to work both independently and with collaborators across disciplines.

If you are passionate about advancing our understanding of brain functions and disease mechanisms through the development and application of novel techniques for intravitral brain imaging and modulation, please contact Dr. Hu (songhu@wustl.edu) with a cover letter, a curriculum vitae, and a list of three references.