Post-doctoral Position in Optical/Photoacoustic Microscopy and Brain Imaging

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 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 techniques for high-resolution structural, functional, metabolic, and molecular imaging and sensing in vivo and their applications in a broad spectrum of animal and human research.

A position is now open for a postdoctoral research associate to lead and execute projects related to the development of optical and photoacoustic microscopy techniques for functional-metabolic imaging of the awake behaving rodent brain. The postdoctoral fellow 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 light microscopy, 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 of novel techniques for intravital brain imaging, please contact Dr. Hu (songhu@wustl.edu).