Supported by the NIH, NSF, and McKelvey School of Engineering at WashU, our lab focuses on the development of cutting-edge optical and photoacoustic technologies for high-resolution deep-penetration structural, functional, metabolic, and molecular imaging in vivo and their applications in basic and translational biomedicine, including neuroscience, cardiovascular diseases, and cancer.

We are seeking a postdoctoral research associate with strong motivation and solid background in light microscopy and/or intravital brain imaging to join our friendly, vibrant, hard-working, and multidisciplinary research team in 2020. If you are passionate about advancing our understanding of brain functions and disease mechanisms through the development and application of novel techniques for brain imaging and manipulation, please contact Prof. Hu (songhu@wustl.edu).