Postdoctoral Scholar @

New York University (NYU) Grossman School of Medicine

DESCRIPTION: We seek a highly talented and creative postdoctoral scholar to join our diverse multidisciplinary team at the Center for Biomedical Imaging (CBI) of Department of Radiology at NYU Grossman School of Medicine. The research projects aim to develop advanced imaging techniques to examine the neurovascular origin of brain aging and dementia, focusing on neurovascular pathology, MRI-pathology correlations, and development of MRI markers. The projects will involve the use of advanced perfusion and diffusion MRI, quantitative susceptibility mapping (QSM) and functional MRI (fMRI) methods at 3T and 7T clinical and preclinical MRI. Candidates who majored in electrical or biomedical engineering, neuropathology, neuroscience, computer science, or medical physics are encouraged to apply.

CBI & NYU LANGONE HEALTH: Located in the heart of Manhattan in New York City, the Center for Biomedical Imaging (CBI) is equipped with state-of-the-art technology, including multiple whole-body Siemens 3T and 7T MRI scanners, PET/MR systems, and various small-bore systems. Our center boasts a distinguished team of over 30 full-time research faculty members who are leaders in the field of MRI research. We offer candidates the opportunity to pursue their research goals both independently and in collaboration with top-tier clinicians and imaging scientists at NYU Langone Health.

CANDIDATE REQUIRMENTS: Ideal candidates will have prior experience in MRI data acquisition and analysis, including strong expertise in MRI physics and pulse sequence development. You should demonstrate proficiency in scientific writing, with a solid track record of publications or presentations. As part of the team, you'll collaborate with imaging scientists and physicians in a multidisciplinary environment. We are seeking individuals with passion for cutting-edge neuroimaging research and a commitment to pioneering scientific work in a state-of-the-art imaging research setting.

The position is full time and funded by NIH grants with competitive salary and employee benefit package.

To apply, please forward your CV, a statement of your research experience and interests, and contact information of three references to Yulin Ge at Yulin.Ge@NYULangone.org. The position and review process will be open until filled.