Postdoctoral Position in Radiology at the Johns Hopkins School of Medicine
Location: Baltimore, MD

There is a postdoctoral fellowship position available within the Russell H. Morgan Department of Radiology, Johns Hopkins School of Medicine and the F.M. Kirby Research Center for Functional Brain Imaging at the Kennedy Krieger Institute for candidates interested in Chemical Exchange Saturation Transfer (CEST) MRI or cellular and molecular imaging using MRI contrast agents.

The postdoctoral fellow will carry out research either in the development of new MRI sequences to monitor CEST contrast or in the development of new biomaterials that support cell growth and contain MRI sensors for monitoring cell status. These studies will be performed on both our preclinical and clinical scanners. The candidate is expected to be an independent individual that is able to work well within a team of interdisciplinary researchers.


Requirements:
The successful candidate should have a Ph.D. in Chemistry, Physics, Materials Science, Biology, Biomedical Engineering or closely related fields. Candidates with expertise in conjugation chemistry and/or high resolution NMR or MRI sequence development are preferred. Applicants should submit a brief one-page description of research interest and plans, a CV and contact information for three references to Dr. Michael McMahon (mcmahon@mri.jhu.edu or mtmcmaho@gmail.com).