The Center for Neuroscience Imaging Research (CNIR) (http://cnir.ibs.re.kr) in Sungkyunkwan University has multiple research faculty positions for animal imaging research, who will work in Seong-Gi Kim's research group. The Center for Neuroscience Imaging Research (CNIR) is one of 28 Institute for Basic Science (IBS) centers, which are equivalent to Max Planck Institutes in Germany, and Sungkyunkwan University affiliated with Samsung Electronics (https://en.wikipedia.org/wiki/Sungkyunkwan_University) is located at Suwon (southern suburb city of Seoul), where can be reached by subway from Seoul.

The CNIR focuses on basic science research of neuroimaging, and has state-of-the-art MR facilities (3T and 7T Siemens human MRI, and 9.4T/30cm and 15.2T/11cm Bruker MRI). The CNIR is an ideal place for performing brain science-oriented MRI research since we have multiple faculty members in human fMRI, neurophysiology and MR physics. Current projects in Seong-Gi Kim's group are animal fMRI in conjunction with calcium recording and electrophysiology, fMRI technical developments including compressed sensing, and CEST MRI. Research areas of interests, not limited, include i) developments and refinements of novel imaging techniques and RF coils, ii) investigations of biophysical sources of MRI such as fMRI and CEST, and iii) applications to brain science.

We are looking for highly motivated postdocs or research professors to have strong knowledge and experience in MR physics or engineering, to have good written and spoken communication skills, and to be an independent thinker and quick learner. Experience in animal MRI and fMRI signal processing is preferable. Initial appointment will be 2 years with internationally competitive salary, and can be extended further as long as the research progress is satisfactory.

Please send CV, application letter with research interest, and names of three referees to Seong-Gi Kim (email: seonggikim@skku.edu).