Post-doctoral Position Available

Washington University has an immediate opening for a post-doctoral position in pre-clinical PET/MR imaging. The position will be held within the Radiochemistry and Imaging Laboratory (https://www.mir.wustl.edu/research/research-laboratories/radiological-chemistry-and-imaging-laboratory-rcil), Mallinckrodt Institute of Radiology (MIR) at Washington University School of Medicine.

The successful candidate will be joining a multidisciplinary team of expert in imaging physics, radio-chemistry, biology and clinical radiology and nuclear medicine. The position will be focused on MR imaging. The ideal candidate will have with a Ph.D. degree in Engineering, Physics, or imaging science related field. Candidates with prior experience in advanced small animal MRI imaging, image reconstruction, and image data analysis are preferred. Computer programming skills in C, C++ or proficiency in MATLAB under windows or UNIX environment would be important assets. The project will involve the development, validation and implementation of advanced imaging methodologies in the context of a co-clinical (preclinical and clinical) trial. The candidate will be engaged in multi-modality (PET, MR) quantitative imaging (QI) and phenotyping of multi-parametric preclinical and clinical MR images interfacing with the Biomedical MR Lab, Center for Clinical Imaging Research, and the Radiological Chemistry Imaging Lab at MIR.

MIR is equipped with a recently installed simultaneous pre-clinical PET/MRI system. The laboratory is also equipped with 2 small-animal PET imaging cameras, 3 small animal MRI scanners, numerous ancillary imaging equipments, clinical and research PET/CT and PET/MRI with access to a wide array of radio-tracers from our cyclotron facility.

The appointments will be for an initial 2 years with possibility of extension depending on performance, skills, and interest.

Interested applicants should email their CV to the address below, along with a description of expertise and research interests. Selected candidates will then be requested to provide letters of recommendations.

Richard Laforest, PhD.
Professor of Radiology
Washington University School of Medicine
St.Louis, MO
leforestr@wustl.edu