Postdoctoral Position in Medical Imaging

A postdoctoral position in medical imaging with a focus on preclinical and translational research employing MRI and PET imaging is available in the Department of Radiology at the University of Pennsylvania.

Candidates should have an advanced degree (Ph.D., or MD/PhD) in engineering (e.g., biomedical or electrical) or physical science plus a strong record in employing PET or MRI to study mouse models of diseases (e.g., cancer, metabolic dysfunction). Specific experience with non-cartesian k-space sampling (e.g., radial) and kinetic modeling of dynamic PET or MRI data using software such as PMOD are highly desirable. Candidates with in-depth knowledge of metabolism, microenvironment of tumor and experience with MR fingerprinting will be favorably considered.

The position is funded by grants from the National Institutes of Health. The Department of Radiology at UPenn has state-of-the-art Small Animal Imaging Facility (https://www.pennmedicine.org/departments-and-centers/department-of-radiology/radiology-research/core-facilities/saif-small-animal-imaging-facility). For human research, the Positron Emission Tomography Center at Penn offers novel PET tracers and whole-body (Explorer) PET scanner, while the Center for Advanced MR Imaging and Spectroscopy (CAMRIS) is equipped with dedicated clinical MRI scanner (1.5Ts, 3Ts and a 7T). These resources will facilitate the clinical translational studies of imaging markers.

The University of Pennsylvania is an equal opportunity employer and women and applicants of underrepresented minorities are particularly encouraged to apply.

Applicants are requested to submit via email: u24mri@pennmedicine.upenn.edu

(1) Curriculum vitae
(2) Cover letter outlining research interests, experience, and qualifications
(3) Contact information for 3 references to:

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