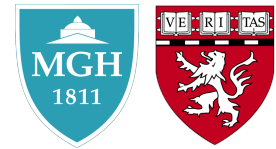


Center for Precision Imaging and Molecular Theranostics Lab
Division of Nuclear Medicine and Molecular Imaging,
Department of Radiology
Massachusetts General Hospital, Harvard Medical School
149 Thirteenth St, Charlestown MA 02129



Post-Doctoral Position in Pre-clinical Cancer Theranostics

Shadi Esfahani and Umar Mahmood at the Massachusetts General Hospital and Harvard Medical School are inviting applicants for a postdoctoral research fellow to join our team to pursue research in molecular imaging and therapy of pre-clinical cancer models. We have developed a suite of novel molecularly targeted PET and therapeutic probes to interrogate tumors in pre-clinical settings and have translated some of the PET imaging probes to the clinic. We are seeking a research fellow to develop and assess strategies to deploy these probes in the diagnosis and treatment of cancer models with the goal to improve cancer care. These positions provide unique opportunities to explore creative ideas in a supportive and collaborative environment as well as translation of our approaches to clinical practice. The appointment at the Massachusetts General Hospital and Harvard Medical School research fellow will be for 1-2 years with the possibility of extension based on performance and the availability of funding.

Qualifications:

The successful candidate will be a highly motivated and enthusiastic researcher with a desire to begin an independent career related to pre-clinical or translational quantitative molecular imaging and treatment of cancer. Qualified candidates will have a PhD in biology, biomedical engineering, molecular imaging, chemistry, or a related field. Prior experience in some of: 1) basic science of cancer development, characteristics, and tumor biomarkers; 2) Nanobody development; 3) Phage display; 4) MR and/or PET image acquisition and analysis; 5) working with small animals and creation of animal models; 6) wet lab skills including cell culture, cell and tissue immunohistochemistry and immunofluorescence staining, western blot, and flow cytometry; and/or 7) synthetic chemistry / radiochemistry is required. A track record of publication and excellent written and oral English communication skills are required. The candidate should have a strong interest and commitment to research.

Application:

Interested applicants should send a cover letter describing their research interest and experience, an updated CV, and names and contact information of three references to Shadi Esfahani, MD, MPH (Email: esfahani.shadi@mgh.harvard.edu). Please include "Research Fellow Application: Your Name" in the e-mail subject line.

The Massachusetts General Hospital and Harvard Medical School are equal opportunity and affirmative action employers.