



PET Fellowship in Molecular Imaging
National Institutes of Health
Department of Health and Human Services
Bethesda, MD, USA

The Molecular Imaging Branch at the National Institute of Mental Health, NIH has a postdoctoral fellowship available immediately for the duration of two to three years. This Branch uses state-of-the-art PET (positron emission tomography) techniques and newly developed radioligands to study molecular/protein targets in brain. New radioligands are developed and evaluated with PET imaging of animals (rodents and monkeys), extended to healthy subjects and then to patients with neuropsychiatric disorders. This postdoctoral position will focus primarily on the preclinical evaluation of novel tracers – i.e., imaging studies in animals. Examples of ongoing projects are the development of in vivo probes for amyloid evaluated with a rodent PET camera in transgenic mice over expressing amyloid; evaluation of dopaminergic probes in Parkinsonian rats with stem cell transplants, and many new PET ligands for novel targets. The NIH imaging facilities and our research team provide outstanding opportunities for productivity and learning. The fellow will have ample opportunities to learn from experts in the field and perform skills required to pursue an academic neuroimaging career. Applicants must start within five years of having obtained a doctoral degree (either PhD or MD). Interested applicants should send their CV and the names of three references to: Robert Innis, MD, PhD; Chief, Molecular Imaging Branch, NIMH, Building 31, Room B2B37, 31 Center Drive MSC-2035, Bethesda, MD 20892-2035, Email: robert.innis@nih.gov. DHHS and NIH are equal opportunity employers.