Postdoc Research Associate/ Assistant Research Fellow Positions

Neuroimage Group, Neuroscience Research Center
Taipei Medical University, Taipei, TAIWAN

Multiple funded postdoctoral research associate/assistant research fellow positions are available in Neuroimage Group of Neuroscience Research Center led by Prof. Cheng-Yu Chen at Taipei Medical University. The Neuroimage group carries out translational research using novel animal models to investigate 1) the impact of mild traumatic brain injury and the following neurodegenerative disorders, and 2) tumor-drug interaction using theranostic nanoparticles.

The full-time Postdoc Research Associate/ Assistant Research Fellows will work on our MoST-funded Project related to MRI study in small animals. Neuroimage Group at of Neuroscience Research Center has full access to a Bruker 7T machine along with a mouse cryprobe, as well as close collaboration with micro-CT scanner, micro-PET scanner and IVIS Spectrum optical imaging machine for small animal imaging research at TMU.

Candidates should be highly motivated and focused. Candidates with eagerness to collaborate with other investigators and contribute to scientific knowledge will be first considered. The successful candidates will also be team members of the Translational Imaging Research Center (http://tirc.tmu.edu.tw/) that integrates BOTH clinical and animal MRI/MRS, PET/CT, and provides most importantly translational imaging research support along with developing independent research careers. The position can be potentially upgraded to the Assistant/Associate Research Fellow or Professor based on her/his performance.

Desired qualifications include:
- PhD, or equivalent degree in Biophysics, Biomedical Engineering, Neuroscience, Materials, Chemistry, Pharmacology
- Experience with preclinical MRI, or in vivo neuroscience study in rodents/ Experience with conjugation of superparamagnetic iron oxide with antibody or drug (At least one Experience of two)
- rsfMRI image acquisition and analysis (beneficial, but not necessary)

Applicants should submit:
- CV with publications,
- Statement of research interests, background and experience,
- Letters from two references to

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