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 to investigate 1) the impact of mild traumatic brain injury and the following neurodegenerative disorders, and 2) novel neuroimage-based biomarkers for neurological disorders with the aid of artificial intelligence.

The full-time Postdoc Research Associate/ Assistant Research Fellows will work on our MoST-funded Project related to MRI study. Neuroimage Group at of Neuroscience Research Center has full access to a Bruker 7T machine along with a mouse cryoprobe, 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. 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.

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 be supported by translational imaging research resources along with the encouragement of developing his/her own 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
- Experience with preclinical MRI, or in vivo neuroscience study in rodents/ Experience with medical imaging analysis in neuroscience including human MRI, fMRI, better with connectome analysis. (At least one Experience of two)
- Machine learning and deep learning, better with applied Radiomics.
- rsfMRI image acquisition and analysis

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

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