Job Title: Postdoc and Staff Scientist

To apply: send your CV via email to Bihong Chen, MD., Ph.D., Bechen@coh.org

Position Summary:

Postdoc and staff Scientist positions are available in Department of Diagnostic Radiology, Helford Clinical Hospital, City of Hope National Medical Center. The candidates will work on projects evaluating the effect of systemic therapy on brain structure and function on MR scans. In addition, the candidates may also work on predictive modeling using MR imaging-based radiomics approach to predict mutation status and survival. The positions will involve medical image analysis and processing specifically on functional brain MRI data including both resting-state, task-based fMRI, DTI and gray matter density, tumor segmentation, machine learning algorithms.

Preferred qualifications:

1. Ph.D. in Psychology, Neuroscience, Biomedical Engineering or a related field if possible.
2. Some experience conducting neuroimaging research
3. Training and expertise in fMRI data processing, statistical analysis, and analysis software (e.g., SPM, FSL, and AFNI)
4. Some programming experience in python, C++, Java or similar languages.
5. Some experience in tumor segmentation and predictive modeling.
6. Proficient English language skills

About City of Hope

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