

## **Imaging Assistant Scientist – Psychiatric disorders (Fixed-term 12 month contract with possibility for renewal)**

### **GSK Clinical Imaging Centre**

**Imperial College, Hammersmith Hospital, London W12 0NN**

**[www.cic.gsk.com](http://www.cic.gsk.com)**

**£20,130 – 33,550 (depending on qualifications and experience)**

The Imaging Assistant Scientist will support the implementation of imaging studies employing PET, EEG, and fMRI in healthy human volunteers and patients. A particular focus will be on schizophrenia and depression.

The position provides a rare opportunity to gain direct experience in the application of imaging to pharmaceutical development in a unique environment bridging industry and academia. The GSK Clinical Imaging Centre (CIC) is Europe's largest clinical imaging research facility specifically for new therapeutics development. The Centre is forging a unique partnership between academic scientists and the pharmaceutical industry to develop and implement novel strategies to apply advanced imaging for validation of therapeutic targets, defining novel pharmacodynamic measures and introducing new concepts in clinical trial design. Complementing 2 PET/CTs, 2 cyclotrons and substantial radiochemistry and radiobiology groups, the CIC has a Siemens 3T Tim Trio scanner with plans for delivery of a second high-field system in late 2008. There are also active collaborations with leading academic institutions, including Imperial College – London, Oxford, Cambridge, Institute of Psychiatry, Yale and Columbia.

#### **KEY RESPONSIBILITIES:**

- Implementing imaging protocols and managing the day-to-day activities of experiments
- Providing regular updates to internal and external project stakeholders
- Assisting image analysts with image data processing and analysis
- Opportunities may also exist to assist in study design and in the reporting of outcomes

#### **ACCOUNTABILITY:**

Support the execution of imaging studies related to drug development by:

- Implementing new imaging projects
- Ensuring that studies are performed in a timely manner and to the highest standards
- Building and maintaining relationships with key personnel within the CIC and external academic collaborators

#### **SPECIALISED KNOWLEDGE:**

Must have at least a BA/BSc in a relevant subject (e.g., experimental psychology, neuroscience, pharmacology, biology, etc.). Applicants with a relevant post-graduate degree (e.g. MSc) are also encouraged to apply.

Prior research experience with human imaging (e.g., PET, EEG, fMRI) and/or work with human blood samples is preferable, although experience in other types of research with human volunteers (e.g., clinical pharmacology, cognitive testing, etc.) may be acceptable. Excellent communication skills are essential. An interest in cognitive neuroscience or psychiatric disorders is advantageous. Applicants should be highly motivated and capable of working both as members of a team and independently.

**Must have permission to work legally in the UK.**

**Potential candidates should email a cover letter and curriculum vitae to Dr Khanum Ridler**  
**[khanum.x.ridler@gsk.com](mailto:khanum.x.ridler@gsk.com)**