



PET Modeller/Analyst

This is an exciting opportunity to work in PET modelling and analysis and to be a part of a PET/MRI Analysis Team responsible for the development of analysis methods and their application to clinical imaging studies.

Background

Invicro is the world's leading translational imaging company. Based in London, Boston and New Haven, Invicro specialises in molecular and functional imaging studies to support novel pharmaceutical product development. The London site is the largest purpose-built clinical imaging centre in Europe which is equipped with the latest PET and MRI imaging technologies (one GE PET/MR, two Siemens Biograph PET/CT and two 3T Siemens MRI scanners). This Imaging centre has bespoke imaging IT systems dedicated to imaging data management and analysis, two cyclotrons and 24 hot cells enabling imaging with a wide range of C11 and F18 labelled PET radiotracers. Invicro offers a rich multidisciplinary scientific environment with expertise in areas of imaging science including physics, biology, chemistry, mathematics, computer science and clinical applications.

The Role

The individual will develop and apply modelling and analysis techniques to Invicro imaging studies to provide quantitative decision making data to commercial and academic clients. This will include taking a lead role in the experimental design of imaging studies, the application of established and novel image analysis methods as appropriate, interpretation and reporting of results. The successful candidate will be expected to maintain a profile in the PET imaging field, through scientific publications and attendance of international conferences.

The Candidate

We are seeking a candidate who can demonstrate a strong expertise in quantitative analysis with a deep understanding of bio-mathematics and their application to imaging studies.

The successful candidate must be proficient in scientific programming, using scripting languages and processing environments such as MATLAB and FSL for image data processing and analysis.

We will consider candidates with a range of levels of experience, but candidates are expected to have a PhD in a relevant field and are able to demonstrate that they proactively keep up to date with new developments in PET analysis. The successful candidate must have a 'can do' attitude, excellent verbal and written communication skills, strong analytical skills, a logical approach to problem solving and excellent attention to detail.

Competitive Salary & Benefits

Bonus, Contributory Pension, Private Medical Insurance, Life Assurance & Flexible Benefits options.

To apply for this position please forward your CV and a covering letter detailing your relevant experience to Prof Roger Gunn, Chief Scientific Officer at roger.gunn@imanova.co.uk

Invicro is an equal opportunities employer and positively encourages applications from suitably qualified and eligible candidates regardless of sex, race, disability, age, sexual orientation, gender reassignment, religion or belief, marital status, or pregnancy and maternity

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