Translational Statistician/Data Analyst
The Institute of Cancer Research - Sutton, UK

Closing Date: 03/03/2019, 23:55
Location: Sutton
Division: Clinical Studies
Team: Genomic Analysis - Clinical Trials
Vacancy Type: Full time
Type of Contract: Fixed Term
Length of Contract: 3 years
Hours per Week: 35
Salary Range: £35,461 - £43,061

The Institute of Cancer Research, London, is one of the world’s most influential cancer research institutes, with an outstanding record of achievement dating back more than 100 years. We provided the first convincing evidence that DNA damage is the basic cause of cancer, laying the foundation for the now universally accepted idea that cancer is a genetic disease. Today, The Institute of Cancer Research (ICR) leads the world at isolating cancer-related genes and discovering new targeted drugs for personalised cancer treatment.

Under the leadership of our Chief Executive, Professor Paul Workman FRS, the ICR is ranked as the UK’s leading academic research centre. Together with our partner The Royal Marsden, we are rated in the top four cancer centres globally.

The ICR is committed to attracting, developing and retaining the best minds in the world to join us in our mission – to make the discoveries that defeat cancer.

Vacancy Description

• Are you motivated by the scientific and biological rationale behind clinical trials in cancer?
• Are you looking to develop your statistical career within an academic research environment?

ICR-CTSU is looking for an experienced biostatistician with expertise in correlative science and biomarker research to join the newly-formed Genomic Analysis – Clinical Trial group headed by Dr Cheang, co-inventor of PAM50 classifier for breast cancer intrinsic subtypes, based at the ICR-CTSU in Sutton, Surrey. The post holder will be in a key interface position, supporting initiatives to integrate data analyses of data from next generation sequence (NGS), microarray, digital gene expression profiles, proteomics and immunohistochemical platforms to test important clinical trial correlative biology and preclinical trial development hypotheses.

Our portfolio of national and international trials prioritises activity in three clinical and therapeutic domains:
These priority areas are supported by a cross-cutting biomarker and genomic analysis theme. This theme facilitates interrogation of the wealth of emerging trial data and focuses on the integration and translation of novel diagnostic, prognostic and therapeutic strategies into clinically relevant biomarker driven trial designs. The post holder will focus on the design and analysis of biomarker directed randomised clinical trials and translational research studies associated with the ICR-CTSU’s trials portfolio. The post holder will also have opportunity working as part of a multidisciplinary team on the statistical development, oversight and analysis of a number of multi-centre phase II/III and biomarker-directed cancer clinical trials within ICR-CTSU’s portfolio, and associated issues of design (e.g. multi-stage, adaptive designs; use of Bayesian methodology) and analysis of translational research projects.

The importance of translational research in clinical trials is now widely recognised and many of the ICR-CTSU trials have linked sample collections on which associated biomarker translational research is based. Increasingly, as we pursue a personalised medicine approach to cancer treatment, biomarkers are being used to select potential trial participants and monitor their progress. Applying and developing appropriate statistical methodologies to facilitate novel trial designs and robust analysis of data arising from tissue sample collections associated with large scale clinical trials is a key challenge.

The successful applicant will join a team of statisticians and will work with ICR-CTSU staff and expert colleagues to develop a research program in the statistical aspects of translational/biomarker oncology. Candidates for this post should have be an applied translational statistician with experience in the analysis of biomarker or genetic/genomic data and associated clinical data and excellent communication and organisational skills. You should hold a post-graduate degree.

The position will be offered initially on a fixed-term contract of three years, with the potential for renewal thereafter.

Further information may be obtained by emailing ICR-CTSU at the following address:  ctsu@icr.ac.uk. This email address is for information only.

Applications should be made via the e-recruitment system on the ICR website. When applying please upload your CV and a supporting statement outlining why you would be suitable for this position including how you meet the person specification and give the names and contact details of two referees.

We consider all applications on merit and have a strong commitment to enhancing the diversity of our staff.

Apply