Research Assistant in Statistics

London, United Kingdom

Salary Range: £31,740 – £33,370 per annum

The Department of Infectious Disease Epidemiology (DIDE) in the School of Public Health at Imperial College, London (UK) and the Janssen Prevention Centre (JPC) of Excellence for Immunoprophylaxis of Janssen Pharmaceutical Companies of Johnson & Johnson in Leiden, The Netherlands, are collaborating on the development of phase II and phase III trial simulators in the form of the Immunotherapy trial simulation group (ITS) that will be based in the School of Public Health at Imperial College and funded by JPC. ITS has been established to improve the support from quantitative sciences into the decision-making for product development and implementation for clinical trials in the vaccine and immunotherapy fields. ITS group includes 3 postdoctoral Research Associates, a Project Manager and two Principal Investigators.

Joint research will focus on therapies and immunoprophylaxis against Alzheimer’s disease. This is a complex field and involves the modelling of progression to various stages of Alzheimer’s disease. The trial simulators will be designed to examine new therapeutic approaches. Professor Sir Roy Anderson FRS is the principal investigator (PI) at Imperial.

The post holder will use statistics for parameter estimation for the analysis of outcomes of mathematical models on the behaviour of disease caused by self-antigens (Amyloid-â and tau) and of possible trial outcomes under many different assumptions about disease progression and the impact plus timing of delivery of specific prophylactic interventions.

The post holder will work in close collaboration with two colleagues. One being responsible for the construction of mathematical models for Alzheimer’s Disease, and the other being responsible for the construction of the clinical trial simulator plus associated epidemiological analysis of patient records in international databases.

The role requires that you have a BSc and MSc or equivalent in Statistics. You will have research experience, working with statistical software (SAS, Stata, R) and statistical analysis experience, handling large data sets. You will need to have experience of working with industry and Government Agencies and of fostering international collaborations.

The post is full time for a fixed-term until 18 May 2017, based at the St Mary’s Campus Paddington.

For informal enquiries please contact Mrs Clare Mylchreest (c.mylchreest@imperial.ac.uk).

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Two Ticks Employer and are working in partnership with GIRES to promote respect for trans people.

Closing Date: 16 October 2016 (midnight BST)

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