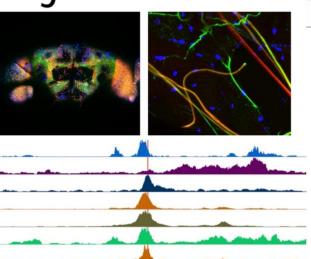
Imperial College





MRC collaborative project investigating the genetics of Parkinson Disease Imperial College - Hammersmith Campus Postdoctoral research position (Computational Genomics)

We have an exciting opportunity to appoint a talented and ambitious post-doctoral research associate to join our multidisciplinary 3-year collaborative project, funded by the Medical Research Council entitled: "An integrative transethnic approach to identify novel functional genes in Parkinson's disease using in silico and in vivo experiments".

This innovative project is a collaboration between centres at Imperial College and University College London. It will apply state-of-the-art analytical methods to integrate multi-ancestry genomic data to understand how genetic loci for Parkinson's disease (PD) confer risk of disease using in silico and in vivo experiments. The in silico work will focus upon how PD loci may confer risk of disease by altering the expression of neighbouring (cis-genes) and distal genes (trans-genes), while PD disease fly work will be used to functionally validate these genes.

The successful candidate will join a dynamic inter-disciplinary team of geneticists and clinicians with a wide range of expertise in genetics, functional genomics, statistics, and epidemiology at the Genetics and Genomics section at Imperial College (Dr Toby Andrew) and in collaboration with teams at UCL. Suitable candidates will have a strong background in genetics, computational biology, bioinformatics or statistics with a PhD in a relevant subject and will have experience in the analysis of genomic data and strong computational skills in a Linux environment. This full-time post is available for one year from the start date (with prospect of renewal for a further two years).

For further details, please see: Imperial Job Advert (MED03753)

Informal enquiries are encouraged before applying. Please contact Toby Andrew for more information: t.andrew@imperial.ac.uk - i am attending the ESHG in Glasgow and would happy to discuss the position over a coffee!

Selected candidates will be interviewed at Hammersmith Campus and a short tour will be provided on the day. We will also consider applications from candidates who do not hold a PhD if they demonstrate a good aptitude and are willing to be trained.

How to apply - As part of your application, please include:

* A brief personal statement (no more than 1,000 words), explaining your interest in the project, your experience and why you are applying for the job

* Your CV

* The names and addresses of at least two academic referees

Closing date for applications: 21 June 2023