Postdoctoral Scientist in Statistical Genomics

Oxford, United Kingdom

Postdoctoral Scientist in Statistical Genomics (Reference 122909)

We seek a Postdoctoral Scientist in Statistical Genomics to join an established multi-disciplinary team as part of Modernising Medical Microbiology (MMM) consortium.

The aim of the role is to develop and apply statistical methods, including genome-wide association studies, for discovering rare and common genetic variants underlying antimicrobial resistance in *Mycobacterium tuberculosis*. You will be given an exciting and rare opportunity to work with global *Mycobacterium tuberculosis* (TB) experts from five continents, statistical geneticists, clinicians, medical statisticians and software engineers; integrating statistical genetics, bioinformatics and machine learning methods with the aim of uncovering all genomic variants causing at least 1% resistance to first line anti-TB drugs.

You will hold a PhD in statistical genomics, evolutionary biology, statistics or a related subject. You will have strong statistical skills and a background in biological sequence analysis, together with an enquiring and flexible attitude and an interest in working collaboratively with researchers from different disciplines.

The post is full time and fixed-term for up to 3 years initially.

Applications for this vacancy are to be made online. You will be required to upload a supporting statement and CV as part of your online application.

Only applications received before 12.00 midday on Friday 6 May 2016 will be considered.