Postdoctoral Researcher, University of Dundee

Dundee, Scotland

Postdoctoral researcher, quantitative skills and programming skills

Summary of Job Purpose and Principal Duties

Full Time, Fixed Term (24 months)

Grade 7 to 8 dependant on experience

ENS@T-HT is a five-year-long European H2020 research project created to improve diagnosis of various adrenal forms of hypertension, enabling curative treatments and preventing complications. It has funds of up €7.6m and involves 13 academic institutions from France, Germany, Italy, the United Kingdom, the Netherlands and Australia. This will be achieved using various cutting-edge ‘omics’ techniques to identify biomarkers in patients' blood that provide a distinctive signature for their condition. Useful biomarkers will also permit the stratification of patients, so that those most likely to benefit from particular treatments are identified in order to maximise the effectiveness and cost efficiency of treatment.

This is a fantastic opportunity to work under the supervision of the Director of the Health Informatics Centre and other senior academics to use your knowledge of health data, stratified medicine, quantitative skills and programming skills to build models to classify individuals with different types of Hypertension.

You will be working within the Health Informatics Centre (HIC) at the University of Dundee (http://medicine.dundee.ac.uk/hic). HIC supports high impact research through the collection and active management of high quality data in a secure environment with strong data governance, and its delivery to academics and other users, to improve healthcare and population health.

Summary of Skills, Experience and Qualifications

To achieve the higher grade it would be expected that you would have a combination of some of the following: expert programming skills at an architectural / design level, an expert understanding of genetic data and stratified medicine, knowledge of advanced classification methods and experience of managing teams and projects.

https://www.statsjobs.com/jobs/postdoctoral-researcher/