

Sample Preparation & NMR Metabolomics Specialist Technician

Salary from £26,495 to £28,936, with potential progression once in post to £32,548 a year.

The post is available in the first instance for 18 months, with a potential for extension.

As part of a £8m award from the MRC, industry and University of Birmingham, we have established a state-of-the-art metabolic phenotyping (metabolomics) facility to conduct research in human health and disease. Phenome Centre Birmingham (PCB) applies two Bruker 600 MHz NMR spectrometers, eleven liquid chromatography-mass spectrometers (LC-MS), liquid handling robots and high specification computational infrastructure to better understand metabolic perturbations in disease, toxicology and exercise science. The facility has the capacity and capability to conduct tens of thousands of metabolite analyses per year, creating genuinely 'Big Data' and societal impact.

We seek to recruit a full-time highly motivated **Sample Preparation & NMR Metabolomics Technician** to join the team of nine scientists at the PCB. The successful candidate will contribute to fulfilling the research objectives of the centre with a focus on sample management, the preparation of human biofluid and tissue samples by applying liquid handling robots, and the application of NMR spectrometry for metabolic phenotyping. They will lead the data collection of large scale NMR based metabolomics studies in collaboration with researchers within and external to the University, including academic, industry, scientific instrument manufacturer scientists.

Applicants should at least hold a Bachelor's degree (in a physical science), with hands-on experience in sample preparation robotics and small molecule NMR spectroscopy.

Informal enquiries can be addressed to Dr Andrea Mitchell on tel: +44 (0)121 414 4062 or a.m.mitchell@bham.ac.uk or Professor Mark Viant on tel: +44 (0)121 414 2219 or email: M.Viant@bham.ac.uk

For further details on the Phenome Centre Birmingham, visit:
<https://www.birmingham.ac.uk/research/activity/phenome-centre/index.aspx>

Applicants are invited to apply on-line via our [e-recruitment system here](#). Please quote post number 51680 in any correspondence.

Closing date: **24 June 2018**

Job Reference: **51680**

Valuing excellence; sustaining investment