

Postdoctoral position – Sheffield, UK

Applications are invited for the post of Postdoctoral Research Associate within the Bateson Centre (<https://www.sheffield.ac.uk/bateson>) and the Sheffield Institute for Translational Neuroscience (SITraN) (<http://sitran.org/>). We are seeking a highly motivated scientist to work on an exciting, MRC-funded project which will establish the mechanistic role of susceptibility genes for Parkinson's disease. Funding is available for three years (full time). You will be undertaking an in vivo pathway analysis in zebrafish (*Danio rerio*) and functionally characterize already established mutant zebrafish lines with CRISPR/Cas induced mutations in Parkinson's disease susceptibility genes.

You will have excellent skills relevant for zebrafish research and ideally also a strong background in Neurobiology and a PhD (or equivalent experience) in zebrafish research.

You will join an internationally recognised research group which was amongst the first to establish zebrafish as a novel vertebrate model for Parkinson's disease. You will be joined by a technician and a dedicated bioinformatician for this project. You will benefit from the excellence of existing, well established complementary infrastructure and expertise of two Institutes at the University of Sheffield. The zebrafish work will be performed at the Bateson Centre. This is an exceptional environment for the clinical application of non-mammalian models. RNAseq experiments and their analysis as well as some of the functional experiments will be carried out at the Sheffield Institute for Translational Neuroscience (SITraN). SITraN hosts multidisciplinary groups working in both basic and clinical Neuroscience. SITraN also hosts the Centre for Genome Translation (CGT) which drives management, integration and contextual analysis of high-throughput genomics and transcriptomics data for translation into therapeutic interventions. Prof Winston Hide, the Head of the CGT, is co-PI on this project.

Please apply using the following link:

<http://www.jobs.ac.uk/job/BHF435/postdoctoral-research-associate/>

Informal enquiries should be directed to: Prof Oliver Bandmann: o.bandmann@sheffield.ac.uk