

The **Institute of Pharmacology and Toxicology**, Faculty of Medicine, Research Group Prof. Dr. Alexander Pfeifer, University Hospital Bonn, offers a

Post-Doc position (100%) Neuroscience

start April/May 2015

Our research group is interested in understanding the molecular mechanisms of neurodegeneration, with a particular focus in identification and validation of novel drug targets for neurodegenerative diseases. In close collaboration with partners from pharmaceutical industry, the successful applicant will work on an ongoing research project that aims to unravel the underlying mechanisms involved in the spread of brain neuropathologies by means of high-throughput RNAi screening technology. The successful applicant will join a motivated international research team with well equipped laboratories and state-of-the-art techniques.

We are looking for a highly motivated young scientist with a PhD, MD, or equivalent degree. A strong scientific background in neurobiology, molecular cell biology, and biochemistry is desired. Candidates with hands-on experience in cell culture techniques (incl. primary neuronal cell cultures), induced pluripotent stem cell maintenance and differentiation, molecular biology (incl. RNAi, qPCR and cloning), protein biochemistry and microscopy (incl. western blotting, ELISA, immunofluorescence) and/or animal models of neurodegenerative diseases are particularly encouraged to apply. Furthermore, experience in development of cell-based assays, high-throughput/high-content screening, large-scale data analysis and/or CRISPR-Cas genome editing technologies is advantageous.

For more details about our research, please visit our website <http://www.pharmakologie.uni-bonn.de/>

This BMBF-funded Neuroallianz consortium position is initially available for one year with the possibility of prolongation. We offer salary according to the German salary scale TV-L E13, Jobticket and supplementary benefits in the public sector (pension plan according to VBL).

The University of Bonn is an equal opportunities employer.

Questions concerning the project can be addressed to Dr. Kamran Honarnejad.

Please send your application documents (letter of motivation, CV, publication list, relevant certificates and two references) preferably by email (one merged PDF) to:

Kamran Honarnejad, PhD
Institute of Pharmacology and Toxicology
University Hospital Bonn
Sigmund-Freud-Str. 25, 53127 Bonn

E-Mail: kamran.honarnejad@uni-bonn.de