

Neuroscience PhD position within NeuroNetwork “CBBScircuitS” available

The new, CBBS-funded NeuroNetwork “CBBScircuitS - A Neuronetwork for functional analysis of the engram connectome” offers one PhD position at the Institute of Pharmacology and Toxicology (IPT), Otto-von-Guericke University in Magdeburg for a talented, skilled, and highly motivated student of the Life Sciences starting from January 1st, 2020.

The CBBS-NeuroNetwork will study the hippocampal circuits involved in pattern separation/completion function and their alterations by using new state-of-the-art engram labelling technologies and will focus on modulation of the memory engram dynamics.

This CBBS-NeuroNetwork is an innovative project of three labs at the IPT, the Stork Lab (Institute of Biology, Otto-von-Guericke University) and the Kreutz Lab (Leibniz-Institute for Neurobiology) bringing together the joint effort by a team of molecular/cellular and systems neurobiologists.

Our qualification program is designed to provide PhD candidates with a cross-disciplinary understanding of nervous system function and activity-related changes in their dynamics at the level of protein synthesis, of synaptic signals, and the neural network. Our students will receive state-of-the-art training in a fascinating area of neuroscience that currently has a high demand of well-trained young researchers given the demographic changes of our society. Enhancing career perspectives and employability of researchers and contribution to their skills development is a core principle of our structured and individualized supervision and training PhD program. Collaborations within the CBBS (Center for Behavioral Brain Sciences) and the local GC-I³ as well as with international groups offer a competitive and instructive environment.

Applicants with expertise in state-of-the-art techniques in Life Sciences are welcome to apply. The position is funded for 3 years.

Applicants should submit a detailed CV including any publications, a motivation statement, two references within 4 weeks after announcement to Dr. Anne Stellmacher, Institute for Pharmacology and Toxicology, Otto-von-Guericke University, Magdeburg Germany.

Note: By submitting the application to Dr. Anne Stellmacher, applicants agree that this information is shared among the labs of the NeuroNetwork according to EU-DSGVO regulations.

Funded by the federal state of Saxony-Anhalt and the „European Regional Development Fund“ (ERDF 2014-2020), Vorhaben: Center for Behavioral Brain Sciences (CBBS), FKZ: ZS/2016/04/78113



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