



UNIVERSITÄT
LEIPZIG

DFG Deutsche
Forschungsgemeinschaft

PhD position in Molecular Neurophysiology

Topic: Task-dependent orchestration of olfactory sensory neuron performance

Main methods: Super-resolution microscopy, molecular genetics, patch-clamp electrophysiology, behavioural analyses

A PhD position funded by the German Research Foundation (DFG) is available for three years in the Department of Animal Physiology at the Institute of Biology in Leipzig, Germany. The research project is part of the newly initiated Priority Program “Evolutionary Optimization of Neural Processing” (SPP2205). Supported by a collaboration with the Wicher group (MPI for Chemical Ecology, Jena), the work program will focus on olfactory sensory neurons of *Drosophila* to investigate molecular mechanisms controlling neuronal signaling efficacy.

We are looking for a highly motivated, analytical and inquisitive candidate with a master's degree, good communication skills and the ability to work both independently and in a team. Excellent command of English, strong work ethics, and a solid background in Neuroscience are required. Experience with electrophysiology, *Drosophila*, and/or molecular genetics would be an asset. We offer a stimulating scientific environment in a dynamic team, with state-of-the-art technology and individually tailored training.

Starting date: ideally mid-2020

Applications should include a detailed CV, a brief statement of research experience and interests, and two reference letters or names and contact information of two referees. Please submit applications as a single pdf file via email to:

Prof. Robert J. Kittel
Department of Animal Physiology, Institute of Biology
Leipzig University
Talstraße 33
04103 Leipzig, Germany
www.kittel-lab.com
kittel@uni-leipzig.de

Applications will be accepted until position is filled.