

Open position in rodent behavior and neurophysiology

The Institute of Psychopharmacology, a component of the Central Institute of Mental Health in Mannheim, Germany, is looking for a highly motivated fellow (**Postdoc**) with a lively interest in neurophysiology and behavioral studies in rodents. The project includes the assessment of temporal discounting and its contribution to excessive alcohol use while studying the neural processing in the prefrontal cortex of rats. To maintain the translational value of our work, we closely collaborate with on-site colleagues who specialize in clinical psychology and computational neuroscience. The project is part of a center grant “Losing and regaining control over drug intake: From Trajectories to mechanisms to interventions” (TRR265), which is funded by Deutsche Forschungsgesellschaft (DFG) with a sustainable perspective over and beyond the initial 4 years of startup funding. We are located at the Central Institute of Mental Health, Mannheim, Germany, which provides a cutting-edge international research environment and is known for the development of groundbreaking treatment concepts in addiction medicine and psychiatry.

A Ph.D. or M.Sc. degree is required. The ideal candidate will have a degree in behavioral neuroscience or neurophysiology (or equivalent) with experience in working with laboratory animals (FELASA B certificate). She or he will work with methods for *in vivo* recording by calcium imaging or electrophysiology, and should have an interest in open source techniques that will be used to build new setups or interface hardware. Data management and analysis skills should be excellent, experience with MATLAB or knowledge of other programming language would be beneficial. Excellent English communication skills are a must (written and spoken). A productive publication record is expected. The candidate will need to work independently and creatively (i.e., formulate compelling new research questions through synthesis of prior findings) and also work well as part of an interdisciplinary team.

Please, send a CV, statement of research background and interests, and letters of recommendation to: wolfgang.sommer@zi-mannheim.de

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