

The research group “Sensory dynamics and behavior” of Prof. Dr. Tobias Ackels at the Institute for Experimental Epileptology and Cognition Research is looking for a

Postdoctoral Researcher (f/m/d) Sensory Circuits and Behavior

Start date 01. August 2023, initially for three years (extension possible)

Background

We are seeking a highly motivated scientist interested in joining our team. The position entails active participation in the research activities of the EU-funded project (TempCOdE) dedicated to study the neural processing mechanisms of naturalistic olfactory stimuli and how this guides behavior in mammals.

The project will incorporate the interrogation of neural circuits across the mammalian olfactory system, behavioral experiments in combination with physiological recordings in freely moving mice performing an olfactory-guided navigation task.

What we expect from you

- A motivated and self-driven and team-oriented personality
- PhD (or be close to complete) in neuroscience, biology, physics, engineering, or related
- Experience with mouse behavior and neural recording experiments and data analysis
- Proficiency in programming languages for data analysis (Python, Matlab) and a strong interest in quantitative approaches for describing neural circuits
- Interest in setting up, working with and understanding custom built scientific instruments
- Fluency in English (written and spoken) with good communication skills to present research findings at conferences and workshops, and publish findings in peer-reviewed journals

What we offer

- Employment, payment and social benefits are according to German public service pay scale (TV-L13 100%)
- An ERC-funded position initially limited to three years with the possibility of extension
- Expected start date is August 2023 or at the earliest possible date thereafter
- You will work in an international and collaborative research environment with access to cutting-edge equipment and innovative physiological recording techniques
- Employee benefits, a family-friendly culture, and flexible working hours

About the institution

The University of Bonn is committed to promoting equal opportunities and diversity. We welcome applications from all backgrounds, regardless of gender, ethnicity, disability or sexual orientation.

Please submit your application materials (a cover letter explaining how the research of the lab fits with your goals, CV, and contact information for two references in a single pdf file), by XXX 2023 to Prof. Dr. Tobias Ackels via email (tobias.ackels@ukbonn.de).

Learn more about our group here: www.ackelslab.com

If you have any further questions, please contact Prof. Dr. Tobias Ackels.