

The research group of Prof. Dr. Tobias Ackels at the
Institute for Experimental Epileptology and Cognition Research invites applications for a

PhD candidate position (f/m/d)
(Salary level E 13 TV-L, 65%)

Start date 01. August 2023

Background

We are seeking a highly motivated scientist to join our team as a PhD candidate. The position involves active participation in the research activities of the EU-funded project (TempCOdE) dedicated to study how dynamic odour information is processed across key structures of the mammalian olfactory system.

The project will incorporate the use of *in vivo* optical imaging and electrophysiological recordings and in head-fixed mice, as well as targeted viral expression and optogenetics to interrogate the circuitry underlying temporally complex odour encoding.

What we expect from you

- A team-oriented, flexible personality driven by curiosity and ambition
- A Master's degree in neuroscience, biology, physics, engineering, or related
- Experience in recording and analysing neural activity data is desirable
- 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
- Good communication skills to present research findings at conferences and workshops, and publish findings in peer-reviewed journals

What we offer

- An ERC-funded position initially limited to three years with the possibility of extension
- Salary paid according to German public service pay scale (65% TV-L13)
- 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 your research interest and motivation for joining the project, 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.