

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 odor information is processed across key structures of the mammalian olfactory system.

The project will incorporate behavioral experiments in combination with physiological recordings in freely moving mice performing an olfactory-guided navigation task.

**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 running rodent behavioral experiments and data analysis 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](mailto:tobias.ackels@ukbonn.de)).

Learn more about our group here: [www.ackelslab.com](http://www.ackelslab.com)

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