

The University Hospital Bonn is a maximum care facility with a regular capacity of 1.300 beds. Our current staff of more than 9.000 performs assigned duties in research, teaching and medical treatment, including the use of advanced medical technologies, and public health care services at the highest possible level. Interested applicants will be offered a wide range of employment opportunities in a variety of fields.

The research group "Sensory Dynamics and Behaviour" of Dr. Tobias Ackels at the **Institute of Experimental Epilepsy and Cognition Research** at the University Hospital Bonn invites applications for a **full-time (38.5 hours/week) position** as:

PhD candidate (m/f/d)

The position is limited to three years due a project with the possibility of extension, starting from August 2023.

Tasks:

We are seeking a highly motivated scientist interested in joining our team. The position entails active participation in the research activities of the ERC-funded project "TempCOdE" dedicated to study the neural processing mechanisms of naturalistic olfactory stimuli and how they guide behaviour in mammals. The project will incorporate the use of *in vivo* optophysiological and electrophysiological recordings in head-fixed mice to interrogate the circuitry underlying temporally complex odour encoding.

Requirements:

- A Master's degree in neuroscience, biology, physics, engineering, or related field
- A professional, team-oriented and flexible working attitude driven by curiosity and ambition
- Experience in at least one programming language used in research (e.g. Python, Matlab) and a strong interest in quantitative approaches for describing neural circuits
- Strong interest in setting up, working with and understanding custom built equipment
- Experience in recording and analysis of neural activity data is desirable
- Fluency in English (written and spoken) with strong communication skills to present research findings at seminars, conferences and workshops, and publish findings in peer-reviewed journals

We offer:

- Highly translational and interdisciplinary research projects
- A thriving international and collaborative research environment
- Excellent supervision and support by the PI as well as regular group meetings
- Affiliation with the Bonn International Graduate School of Neuroscience (BIGS)
- Attendance of national and international scientific meetings
- A salary according to the German salary scale TV-L (EG 13, 65%)
- Expected start date is August 2023 or at the earliest possible date thereafter
- Supplementary benefits in the public sector (pension plan according to VBL)
- Corporate customer ticket (subsidized public transport)
- Possibility to use the day care center

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the

Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

How to apply:

Applicants should send their application in a single pdf file (max. 5 MB), including a cover letter explaining your research interests and motivation for joining the team, CV, and contact information for two references. Applications will be shortlisted based on the above selection criteria. Please send your formal application to Dr. Tobias Ackels via email until **31.05.2023**. Informal enquires about the post are welcome. For more information on our research, please visit www.ackelslab.com.

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