

We are looking for a highly motivated and enthusiastic PhD candidate to join our research team at the Institute of Medical Psychology and Behavioral Neurobiology (Prof. Jan Born, University of Tübingen, Germany) in the field of sleep and memory research. The project will involve studying the neural mechanisms underlying synaptic plasticity during sleep, using *in vivo* two-photon imaging in mice.

Responsibilities:

- Conducting experiments on mice, including surgeries and *in vivo* two-photon imaging of neural activity during sleep.
- Data analysis.
- Presenting research findings at conferences and publishing research papers in academic journals.
- Collaborating with other researchers in the lab.

Qualifications:

- A Master's degree in Psychology, Biology, Neuroscience or a related field.
- Fluency in oral and written English.
- Ability to work independently as well as collaboratively in a team environment.
- A passion for neuroscience and a high motivation to conduct experiments.
- Experience in *in vivo* imaging techniques and/or data analysis using MATLAB or Python is a plus.

We offer:

- A stimulating research environment with state-of-the-art equipment and facilities.
- Salary according to the TVL-E13 (65%).
- Opportunities to attend conferences and workshops to further your scientific knowledge and skills.
- Collaborative research environment with a supportive and diverse research community, including opportunities to participate in social and networking events.

Application:

To apply, please submit a motivation letter, curriculum vitae, and contact information for two references to [niels.niethard@uni-tuebingen.de]. Applications will be reviewed on a rolling basis until the position is filled.

The University of Tuebingen is an equal opportunity employer committed to promoting diversity and inclusion in the workplace. We welcome applicants from all backgrounds and identities.