

Join us !

Master Students / Rotation students

Our new lab at the Leibniz Institute for Neurobiology in Magdeburg is looking for Master students interested in deciphering noradrenergic circuits using state-of-art methodology. Our research encompasses several neuroscientific scales, from molecular level, through circuit level, to behavior. Our research interest is centered around neuromodulatory circuits and their adaption as well as maladaptation to the various environments. To address our questions, we employ a wide range of techniques - opto/chemogenetics, viral-based tracing, protein and photoreceptor engineering, tissue clearing and calcium imaging and combine them in vivo as well as in vitro electrophysiology and mouse behavior.

Potential candidates should have a background in life science/neuroscience, biomedical engineering, computer science, medicine or physics. Some experience with aforementioned techniques is desirable. A programming background or experience with image processing is desirable. But more important than excellent marks are curiosity and enthusiasm about science as well as critical reasoning and creative thinking.

There are many interesting master projects in our lab. Nonetheless, you are welcome to bring in your own ideas and discuss them with us. A reading list with a bundle of pdf to get to know our research and methodology can be requested via email. Please feel free to contact prigge@lin-magdeburg.de

Please send your CV, bachelor certificate and your research interest and/or your project idea.