Consider making the switch to the University of Freiburg: It is one of the most renowned and strongest research universities in Germany, with a history spanning more than 500 plines, perspectives, and people – right in the heart of one of Germany’s most beautiful cities.

The University of Freiburg’s human resources policy is oriented toward the principles of equal opportunity and diversity. The university is committed to the goal of creating a family-friendly university.

The Center BrainLinks-BrainTools is offering at his new building IMBIT a

**PhD position in the field of translational neuroscience**

Are you looking for excellent research opportunities for your PhD studies at the forefront of translational neuroscience research? We invite applications for a joint project between the labs of Prof. Ilka Diester (Optophysiology) and Prof. Andreas Vlachos (Neuroanatomy) at the IMBIT (Intelligent Machine-Brain Interfacing Technology) in Freiburg. The research will focus on the effects of repetitive Transcranial Magnetic Stimulation (rTMS) on context and rule representation in the mouse mPFC in vitro and in vivo (see detailed description). The selected candidate will become member of the Spemann Graduate School of Biology and Medicine (SGBM), which offers a structured, international and multidisciplinary doctoral program (see the school’s website for additional information).

What we look for:
- an excellent recent university degree: M.Sc. or German diploma (also candidates about to obtain such a degree are welcome to apply)
- a strong background in biology, neuroscience or equivalent
- experience in functional optical imaging, electrophysiology or animal behavior
- excellent communication skills in English
- interest in participating actively in the curricular and social activities of the graduate school
What we offer:
- a 3–4 year doctoral salary, in accordance with the German public service salary scale (TV-L E 13, 65%)
- an exciting research project involving cutting-edge translational techniques in a collaborative setting
- specific training in rTMS, single- and multi-photon in vivo imaging and holographic stimulation
- an efficient supervision and mentoring program
- an interdisciplinary teaching program, including courses in novel technologies and soft skills

How to apply
Please use the application tool of the Spemann Graduate School of Biology and Medicine (SGBM), which is accessible here. You will be first asked to register and your email address will be verified. Only after the successful verification will you be able to type in your application. **Important: Please make sure that you select the “Track 2” radio button when you register, otherwise you will be re-directed to the wrong application mask.**

If successfully registered, you will receive an email at the address provided with instructions on how to continue with the application. Once you start filling out your application the information you have entered is saved automatically by the system. If you stop entering data for too long the system will log you out. You will have to re-enter your login data on the SGBM homepage (www.sgbm.uni-freiburg.de) to resume your application.

Recruitment timeline
Start of application call: October 24, 2022
Deadline for applications: November 21, 2022
Start of PhD thesis: January/February 2023

Selection procedure
Applicants will be selected in a first round by SGBM based on eligibility criteria. Shortlisted candidates will be invited for interviews (dates tba).