

The **Oscar Langendorff Institute of Physiology** in Rostock, part of the DFG-funded Collaborative Research Center SFB 1270 “Electrically Active Implants – *ELAINE*”, is seeking to hire a

**Postdoctoral Researchers (f/m/d) for the field of  
“Deep brain stimulation in Dystonia”**

Requisition No. 141 E/2021

Working with the hypothesis that deep-brain stimulation improves pathophysiological processes of dystonia, we analyse the mechanisms of action of deep-brain stimulation, narrow down the effective stimulation parameters, identify biomarkers predicting outcome and finally analyse and model the effects of deep brain stimulation on the extended basal ganglia network. We expect this to help clarify the mechanisms of action of deep brain stimulation and to have clinical translational impact for target and paradigm selection as well as therapeutic success prediction.

**Your tasks:**

- Designing and implementation of physiological experiments
- Presenting our project work on events
- Mentoring of bachelor, master and doctoral thesis

**Requirements:**

- PhD or equivalent qualification in mathematics and natural science or biotechnology
- Certificate according to FELASA B guidelines
- Good communication skills
- Capacity for teamwork

**We offer:**

- A fully funded position (40 h/week, TV-L, 4 years)
- Working in an interdisciplinary research environment
- On-the-job training
- Occupational health management
- Occupational pension scheme (VBL)
- Jobticket for public transport
- Company specific conditions at selected gyms, events, and pharmacies
- University sports

Please send your complete application documents collected in a single **PDF file** by e-mail to

[bewerbung@med.uni-rostock.de](mailto:bewerbung@med.uni-rostock.de)

or via mail to Universitätsmedizin Rostock, Geschäftsbereich Personal, Postfach 10 08 88, 18055 Rostock. (Please take in consideration that your application documentation will not be returned).

The University of Rostock is an equal opportunity employer. To increase the number of women in research and teaching, female applicants are recommended to apply. Applicants with disabilities will be favoured if they are equally qualified.

According to the regulations of the Federal State of Mecklenburg-Vorpommern the cost of an application cannot be reimbursed.

Contact person:

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