

Job posting

Type of position



scientific



administrative

Target group



graduates



post docs



other

Title Mechanisms of motor unit pathology in motor neuron diseases

Institution University of Leipzig
Carl-Ludwig-Institute for Physiology

Position PhD student position TV-L E13 (65%) for 3 years.

Responsibilities

We offer a DFG-funded PhD student position available immediately that is initially limited to 36 months with a salary according to TV-L E13 (65%). Our group is part of the Hallermann lab in the Carl–Ludwig Institute (CLI) for Physiology and offers a stimulating scientific environment in a dynamic, young team, with state-of-the-art technology, and individually tailored training. We focus on pathological changes in motor neuron diseases such as amyotrophic lateral sclerosis and spinal muscular atrophy. The successful applicant will use mouse models for motor neuron diseases, state-of-the-art electrophysiology, tissue clearing, and imaging techniques to investigate the mechanisms and correlation between degeneration of the neuromuscular junction and motor neuron death (<http://physiologie.medizin.uni-leipzig.de/?en,id139>). The successful PhD candidate will obtain a PhD in the Brain Dynamics Graduate School of the Leipzig University. Leipzig city is located one-hour train ride south from Berlin and became one of the trendiest cities in Germany, say not only we but also the New York Times (<https://www.nytimes.com/2014/09/07/travel/new-berlin-or-not-leipzig-has-new-life.html>), The Guardian and others.

Requirements

- Excellent university degree (M.Sc. or equivalent degree) in a Biology-related field with a neuroscientific background
- Experience in electrophysiology and/or imaging techniques
- Preferably experience with mouse studies
- Self-motivated, creative and detail-oriented with excellent problem-solving skills
- Ability to work both independently and in a team
- Fluency in written and oral English (German not required)

Application procedure (deadline etc.)

Applications should include a cover letter stating research interests and previous experience, a short CV, a reference letter and contact information of at least one referee. Please submit applications as a single pdf file via email to:

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Contact

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