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**uulm**

The Institute of Applied Physiology, Medical Faculty at **Ulm University, Germany** is looking for a

## **Group leader (advanced Postdoc level) in Neuroscience, and Lab-head immunohistochemistry (wiss. Mitarbeiter), m/f/d**

**We offer** an interdisciplinary research team with international collaborations, integrated in an exciting scientific environment. We focus on analyzing individual neurons and neuronal networks, displaying differential vulnerability in aging and disease. We focus on neurodegenerative diseases & Schizophrenia, the dopamine system, and on ion channels & receptors. **Methodologically**, we combine state-of-the-art functional analysis (e.g. optogenetics, *in vivo* / *in vitro* electrophysiology, Ca<sup>2+</sup> imaging, Seahorse, behavioural analysis), with high-end cell-specific molecular and immunohistochemistry techniques (e.g. tracing, confocal, STED, Multiphoton-Microscopy, RNAScope, CRISPR/Cas9, and single-cell transcriptomics).

The successful applicant has the opportunity to apply for own grants, and to build up his/her own **independent line of research**, and is expected to lead the Immunohistochemistry laboratory. The possibility for a Habilitation (qualification for a professorship) is given. The position is offered initially for three years. Longer funding is possible and desired. Salary, benefits etc. are according to the German TV-L system.

Applicants are expected to be enthusiastic about science, with **excellent degrees** in neuro-, medical- or life-sciences. Team spirit, capability for independent, self-motivated work, and very good English-skills are required. **Technical expertise** in immunohistochemistry, protein biochemistry and microscopy/imaging, or electrophysiology, as well as experience in student-supervision are highly desired. As our medical school teaching takes place in German language only, the **ability to teach in German language** is of great advantage.

Ulm University was ranked first among the German universities younger than 50 years, and offers a broad range of research programs and core facilities (e.g. the Center for Translational Imaging, MoMAN; [www.uni-ulm.de/en/einrichtungen/moman/](http://www.uni-ulm.de/en/einrichtungen/moman/)).

For further information, please see: [www.uni-ulm.de/med/angewphys.html](http://www.uni-ulm.de/med/angewphys.html); or contact Birgit Liss.

**Are you interested?** Please send in your full application, containing cover letter, statement of research interest (max. 1 page), CV (with 3 most important papers), teaching statement, certificates (BSc/MSc and PhD/MD degrees or equivalents), and contact details of two references, by mail to:

Prof. Birgit Liss, Institute of Applied Physiology, Ulm University, Albert Einstein Allee 11, 89081 Ulm, Germany. Or send it by e-mail (as one merged PDF-file only) to [birgit.liss@uni-ulm.de](mailto:birgit.liss@uni-ulm.de)

### **Application Deadline: May 31<sup>th</sup>, 2022**

Please send copies only, as application documents will be destroyed after the selection process. Please note that expenses related to your application can not be reimbursed. Employment takes place through the administration department of the University Medical Center Ulm, which acts in the name and on behalf of the federal state of Baden-Wuerttemberg. Handicapped people with equal qualifications will be employed preferentially. The Ulm University strives for an increased proportion of women in research and teaching and therefore strongly encourages qualified female scientists to apply for the position.