

Hier
entsteht
Zukunft!



UNIVERSITÄT
DES
SAARLANDES

Foto: Oliver Dietze



Saarland University is a campus university that is internationally recognized for its strong research programmes. Fostering young academic talent and creating ideal conditions for teaching and research are a core part of the university's mission. As part of the University of the Greater Region, Saarland University enables students and staff to share and exchange knowledge and ideas between disciplines, between universities and across borders. With over 17,000 national and international students, studying more than a hundred different academic disciplines, Saarland University is a diverse and dynamic learning environment. [Saarland University is officially recognized as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4,000 it is one of the largest employers in the region.]

The Institute of Physiology at Campus Homburg is inviting applications for the following position commencing **01 March 2026**

Doctoral Research Position (m/f/x)

Reference number W2780, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV- L, duration of employment: 3 years with the option to prolong the role, volume of employment: 65 % of standard working time.

Workplace/Department:

The Institute of Physiology at the Center for Integrative Physiology and Molecular Medicine, Saarland University (Campus Homburg, <https://cipmm.uni-saarland.de/en/>) is offering a PhD position to investigate neuronal circuit mechanisms underlying learning. The position will be based in the Department of Systemic Neurophysiology (Sauer lab).

We apply state-of-the art in vivo electrophysiological and calcium imaging methods along with complex data analysis tools to probe neuronal network activity during cognitive behaviour. The projects are associated with collaborative research initiatives (FOR5159: <https://www.for5159.de/>, CRC/TRR384: <https://sfb-trr384.de/>), giving a unique opportunity for scientific exchange and collaboration.

Job requirements and responsibilities:

Your task in this research project will be to perform and analyze neurophysiological experiments in rodent model systems, including state-of-the art in vivo calcium imaging and/or electrophysiological approaches.

Your academic qualifications:

- Completed university studies in master of neuroscience or a related field.

¹ TV-L = collective agreement on remuneration of public sector employees in the German *Länder*

The successful candidate will also be expected to:

- be highly motivated with a strong interest in neuroscience
- have experience with rodent model systems
- possess hands-on experience with electrophysiology or calcium imaging
- programming experience (e.g., Python/Matlab) and a FELASA certificate (or equivalent) are beneficial

What we can offer you:

- A flexible work schedule allowing you to balance work and family, among other things the possibility of teleworking
- Secure and future-oriented employment with attractive conditions
- A broad range of further education and professional development programmes (for example language courses)
- An occupational health management model with numerous attractive options, such as our university sports programme
- Supplementary pension scheme (RZVK)
- Discounted tickets on local public transport services ('Job-Ticket' of the saarVV)

We look forward to receiving your **meaningful online application** (in a PDF file) by **31.01.2026** to hanling.qin@uni-saarland.de (please enter your mail address here). Please include the reference number W2780 in the subject line of the e-mail.

Application documents will not be returned. Please only submit copies of your documents and do not use plastic wallets, folders, ring binders, etc.

If you have any **questions**, please contact us for assistance. Your contact:

Herr Prof. Dr. Jonas-Frederic Sauer

Physiology, CIPMM

jonas.sauer@uni-saarland.de

Pay grade classification is based on the particular details of the position held and the extent to which the applicant meets the requirements of the pay grade within the TV-L salary scale. Part-time employment is generally possible.

If you have obtained a foreign university degree, a proof of the equivalence of this degree with a German degree by the Zentralstelle für ausländisches Bildungswesen (ZAB) is needed before hiring. If necessary, please apply for this in time. You can find more information at <https://www.kmk.org/zeugnisbewertung>.

Unfortunately, neither costs for attending an interview at Saarland University nor costs for any certificate evaluation by the ZAB can be reimbursed in principle.

We welcome applications regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. In accordance with its policy of increasing the proportion of women, the University actively encourages applications from women. Applications from severely disabled persons will be given preferential consideration in the event of equal suitability.

When you submit a job application to Saarland University you will be transmitting personal data. [Please refer to our privacy notice for information on how we collect and process personal data in accordance with Art. 13 of the Datenschutz-Grundverordnung](#). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.