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 Molecular Biophysics is inviting applications for the following position commencing 01 November 2022

**Academic research assistant (m/f/x)**

**Reference number W2173**, salary in accordance with the German TV-L salary scale\(^1\), pay grade: E13, employment: 60 % of standard working time.

**Workplace/Department:**
This position is offered by the Niemeyer lab (Molecular Biophysics) in Homburg. My group is seeking motivated candidates for an highly interdisciplinary research project. This project is embedded in two consortia investigating 1. “Ca2+ signals: Molecular Mechanisms and Integrative Function” ([https://sfb894.uni-saarland.de/](https://sfb894.uni-saarland.de/)) and 2. SFB1027: Physical modelling of non-equilibrium processes in biological systems ([https://www.sfb1027.uni-saarland.de/](https://www.sfb1027.uni-saarland.de/)).

Research in the Niemeyer lab focuses on the physiological and pathophysiological role of Calcium signalling in a number of model systems. ([https://pubmed.ncbi.nlm.nih.gov/?term=niemeyer+ba](https://pubmed.ncbi.nlm.nih.gov/?term=niemeyer+ba)). Dysregulation of internal Ca2+ homeostasis leads to a number of pathologies. Recent publications (see pubmed Niemeyer BA) describe the identification of several novel regulator variants of Calcium Entry with novel functions in synaptic transmission, neurodegeneration and in growth and transcription factor activation and future research entails understanding their role in health and disease. Using larger scale transcriptomic and bioinformatic approaches as well as biochemistry, electrophysiology and high resolution imaging, further regulators will be identified and investigated. Genetic manipulations include AAV virus production, sensors and CRISPR/Cas9 technologies.

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\(^1\) TV-L = collective agreement on remuneration of public sector employees in the German Länder

The pay grade assigned to an employee depends on their professional qualifications and the number of years of service. Each pay grade is further subdivided into levels. Entry-level employees with no previous experience will initially be assigned a level 1 rating. After one year at level 1 of the E10 pay grade, an employee will move up to level 2. After a further two years, the employee will move to level 3, etc.
Job requirements and responsibilities:
- Conducting experiments independently after an initial training period.
- Literature research, data analysis and presentation in regular internal group meetings as well as in research consortia/scientific meetings.
- Actively participating in design of experiments and adjusting project plans according to obtained results.
- Standard good practice in the lab and maintenance of lab equipment.
- Data management
- Participation in publication of data in national and international meetings and preparation of project-related manuscripts.

Your academic qualifications:
- Completed scientific university studies in MSc or an equivalent qualification in biology, neuroscience, pharmacy or closely related disciplines.
- Language skills (according to GER): English, German (e.g.: German -C2)

The successful candidate will also be expected to:
- Have knowledge of standard molecular biology techniques.
- Conduct sterile cell culture.
- Have basic to good knowledge about basic physiology. Applicants with more specialized previous experience in neuronal cell culture and related methods will be preferred.
- Have basic understanding of statistical evaluation of data (software)
- Be able to critically analyse data and consider necessary controls for validation experiments.
- Actively participate in scientific discussions.
- standard data and text editing software (Word, Excel, Powerpoint etc
- Language skills (according to GER): German-C2, English C-1 (e.g.: German -C2)

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 Plus’ of the saarVV)

We look forward to receiving your meaningful online application (in a PDF file) by 16.10.2022 to Barbara.niemeyer@uks.eu. Please include the reference number W2173 in the subject line of the e-mail.

If you have any questions, please contact us for assistance. Your contact:
Select an element. Barbara A. Niemeyer
Barbara.niemeyer@uks.eu
Tel.: 06841-1616304

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.