

Saarland University is a campus university with an international focus and a strong research profile characterized by the three main research areas 'Computer Science', 'NanoBioMed' and 'Europe'. With numerous internationally respected research institutes situated in the vicinity of the university and dedicated support for start-up companies, Saarland University is an ideal environment for research, teaching and innovation. The proportion of international students studying at Saarland University is well above the national average and is testimony to the university's strong international focus. Saarland University has been an officially certified family-friendly university since 2004.

The Department of Life Sciences in the Faculty of Natural Sciences and Technology at Saarland University in Saarbrücken is inviting applications for the following two positions which should integrate into the research focus at UdS. The Department of Life Sciences has a focus on metabolism and epigenetics with a strong interest in the development and application of cellular engineering approaches to uncover novel molecular mechanisms. The Department has close research connections with research groups in biophysics, bioinformatics, pharmacy and medicine.

The Department of Life Sciences in the Faculty of Natural Sciences and Technology at Saarland University in Saarbrücken is inviting applications for the following **two positions**:

## Professor (W2) for Molecular and Cell Biology

(m/f/x; reference number W2433)

with a 5-year tenure track to a permanent professorship (W3).

Tenure track professors (W2) have faculty status at Saarland University, including the right to supervise bachelor's, master's and PhD students. In case of outstanding performance, the position will be tenured as full professor (W3). The tenure decision is made after 5 years.

We are looking for an outstanding and internationally visible early-career cell biologist, preferably someone with a strong focus on mammalian cells. The ideal candidate will be expected to integrate with the current research themes of the Biology department including metabolism and epigenetics and have a particular focus on either organellar biology, (sub-)cellular communication or protein homeostasis and aggregation. The candidate should be willing to apply 'omics or cellular engineering approaches in their work and have an interest in disease relevant research questions.

and

## W3 Professorship for Systems Physiology

(m/f/x; Reference no.: W2434)

We are looking for an internationally renowned physiologist with an interest in probing the mechanistic underpinnings of systems-level control. The ideal candidate will be expected to integrate with the current research themes of the Biology department including metabolism and epigenetics with a focus on multi-cellular mammalian cell systems in health and disease. The candidate should have an interest in cellular heterogeneity and/or communication within systems including mammalian tissue samples, organs, organoids or stem cell-derived embryos. The candidate should be willing to apply 'omics or cellular engineering approaches in their work.

The professorships will be based in the Center for Human and Molecular Biology (ZHMB) on the Saarbrücken campus and the successful candidates will be expected to actively contribute to and strengthen current and future research activities. Close interaction with the Center for Bioinformatics, the Center for Biophysics and the Faculty of Medicine is encouraged. An intensive exchange with the scientific institutions in the vicinity of the University, including the Helmholtz Institute for Pharmaceutical Research Saar (HIPS) and the Leibniz Institute for New Materials (INM), and an active participation in the development of joint priority projects within the framework of the future strategies of the University is expected.

In teaching, the professorships are expected to fulfil the teaching of molecular and cell biology (W2/TW3 Professor for Molecular and Cell Biology) and physiology (W3 Professor in Systems Physiology) in the Human and Molecular Biology Bachelor and Master programs. Both Professorships will also be required to contribute to the teaching of trainee school teachers (Lehramtstudenten\*innen). The professor of Systems Physiology is responsible for the teaching degree programs in Biology (LS 1+2, LS 1, LAB). Commitment to the German-French program in biology with the University of Strasbourg (BSc and MSc) is highly desirable. In addition, support of teaching in related natural science disciplines is common. Innovative teaching concepts for all curricular levels (Bachelor, Master, PhD) are also expected, as well as a willingness to teach in English or German, to provide dedicated supervision of final theses, and to promote young scientists.

The appointment will be made in accordance with the general provisions of German public sector employment law. Candidates must have experience in and an aptitude for academic teaching. They will have a PhD or doctorate in an appropriate subject and will have demonstrated a particular capacity for independent academic research, typically by having obtained an advanced, post-doctoral research degree (*Habilitation*) or by having published an equivalent volume of peer-reviewed research or by having been appointed to a junior professorship or equivalent position.

Positive selection criteria include a demonstration of leadership in a cell biology or systems physiology topic respectively with an international profile and high-quality publications, a proven track record. Positive selection criteria include a demonstration of leadership in a cell biology or systems physiology topic respectively with an international profile and high-quality publications, a proven track record in the acquisition of third-party funds, high-quality teaching as documented for example by teaching evaluations, experience of personnel management and academic self-administration.

At Saarland University, we view internationalization as a process spanning all aspects of university life. We therefore expect members of our professorial staff to engage in activities that promote and foster further internationalization. Special support will be provided for projects that maintain collaborative interactions within existing international cooperative networks, e.g. projects with partners in the European University Alliance Transform4Europe ([www.transform4europe.eu](http://www.transform4europe.eu)) or the University of the Greater Region ([www.uni-gr.eu](http://www.uni-gr.eu)).

In accordance with the objectives of its gender equality plan, Saarland University is actively seeking to increase the proportion of women in this field. Qualified women candidates are therefore strongly encouraged to apply. Preferential consideration will be given to applications from disabled candidates of equal eligibility. Furthermore, we welcome applications from all qualified candidates irrespective of nationality, ethnic heritage or social background, religious beliefs, personal beliefs or values, age, sexual orientation or identity.

To apply for this position, please submit your application by no later than **June 6, 2024** via Saarland University's online professorial appointments platform: [www.uni-saarland.de/berufungen](http://www.uni-saarland.de/berufungen). Application documents must be uploaded as a single PDF file (max. size 10 MB) and should include the following documents:

- cover letter/ letter of application (addressed to the Dean of the Faculty NT, Prof. Vielhaber),
- curriculum vitae (including private address as well as telephone and e-mail address),
- copies of relevant academic qualifications, ,
- list of publications,
- an overview of previous teaching and research activities, including teaching evaluations, if available,
- amount and type of third-party funds raised,
- two-page long teaching and research concepts and your three most important publications of the last five years.
- If you hold a university degree from a foreign university, please provide proof of equivalence from Germany's Central Office for Foreign Education (ZAB) if available. If proof of equivalence has not been requested at the time of application, it must be submitted later upon request.

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 General Data Protection Regulation (GDPR) ([www.uni-saarland.de/en/privacy](http://www.uni-saarland.de/en/privacy)). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.