

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 Pharmaceutical Biotechnology is inviting applications for the following position commencing at the earliest opportunity.

Doctoral Research Position (m/f/x)

Reference number W2473, salary in accordance with the German TV-L salary scale¹, pay grade: E13 TV-L, duration of employment: 3 years, volume of employment: 50 % of standard working time.

Workplace/Department:

Faculty of Natural Sciences and Technology, Department of Pharmacy, Pharmaceutical Biotechnology

Field of Study:

Embark on an exciting journey in the field of natural products, focusing on isolation and structure elucidation, biosynthetic gene cluster refactoring and expression, genome mining, and metabolic engineering of actinomycetes.

Position Overview:

We are pleased to offer a PhD position primarily based at Saarland University, with collaborative support from HIPS and potential engagements with top pharmaceutical and biotech companies. This position offers a unique opportunity to engage in cutting-edge research that bridges academic inquiry with industry application.

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.

What We Offer:

- Primary research and mentoring at Saarland University with collaborative support from HIPS (The Helmholtz Institute for Pharmaceutical Research Saarland)
- Opportunities for direct interaction and project collaboration with industry leaders in pharmaceuticals and biotechnology
- Access to state-of-the-art laboratory facilities and high-tech equipment at both institutions
- A vibrant research environment that fosters academic excellence and practical industry applications

Begin your doctoral journey at Saarland University, enhancing your research with collaborative insights from HIPS and leading industry partners. Explore the vast potentials of natural products in a world-class academic and professional setting.

Job requirements and responsibilities:

- Perform isolation and structural elucidation of novel natural products.
- Refactor and express biosynthetic gene clusters, exploring innovative pathways of natural product biosynthesis.
- Employ genome mining techniques to identify promising microbial gene clusters.
- Apply metabolic engineering strategies to actinomycetes to optimize the production of valuable metabolites.
- Collaborate with leading experts from academia and industry, including partnerships with top pharma and biotech companies.

Your academic qualifications:

- Completed scientific university studies in microbiology, biochemistry, molecular biology, chemical engineering, or a related field.

The successful candidate will also be expected to:

- Demonstrated skills in analytical and experimental techniques,
- Previous experience in microbiology, molecular biology, or organic chemistry is highly regarded,
- Excellent communication skills in English; German language skills are an asset.

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 **31.05.2024** to **office.luzhetskyy@uni-saarland.de**. Please include the reference number **W2473** in the subject line of the e-mail.

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

Frau Natja Mellendorf
Pharmaceutical Biotechnology
Tel.: 0049 681 302-70200

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.