

Hier  
entsteht  
Zukunft!



Saarland University is a campus university with an international reputation for research excellence, particularly in computer science and in the life sciences and nanosciences. The university is also distinguished by its close ties to France and its strong European focus. Around 17,000 students, studying over one hundred different academic disciplines, are currently enrolled at Saarland University. Saarland University is officially recognized as one of Germany's family-friendly higher-education institutions and with a combined workforce of more than 4000 it is one of the largest employers in the region.

The Medical Faculty is inviting applications for the following position:

## Funded PhD Position Microendoscopy (m/f/x)

**Reference number T1966**, salary in accordance with the German TV-L salary scale<sup>1</sup>, pay grade: E13, employment: 50 % of standard working time.

### Workplace/Department:

An interdisciplinary team of physicists, biologists and medical doctors at the Center for Integrative Physiology and Molecular Medicine (CIPMM), the Preclinical Center for Molecular Signaling (PZMS) and the Institute of Anatomy

### Job requirements and responsibilities:

- Development of a microendoscopy system including optics, instrument control and analysis routines and its application for functional in-vivo imaging of fluorescent biomarkers to study signal transduction in the lung and in the kidney.

### Your academic qualifications:

- Completed scientific university studies in biophysics, physics, engineering, biology, human or veterinary medicine or related areas

### The successful candidate will also be expected to:

- High degree of independence, commitment to science, initiative
- Experience in optics or imaging

<sup>1</sup> 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.

- Manual dexterity, e.g., for implanting the microendoscope
- Knowledge of Matlab or another programming language
- Good English skills

**What we can offer you:**

- A PhD in a modern field of biophysics
- An interdisciplinary and international team
- A flexible work schedule allowing you to balance work and family
- A broad range of further education and professional development programmes
- 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 ('Jobticket')

We look forward to receiving your **(written) application with motivation letter, CV and certificates**. Please quote **reference number T1966** when applying. Applications should be sent **before January 16, 2022** to the following address:

Universität des Saarlandes  
Assistant Prof. Dr. Marcel Lauterbach  
CIPMM  
Building 48  
66424 Homburg  
Email: Marcel.Lauterbach@uni-saarland.de

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:

Dr. Marcel Lauterbach  
CIPMM  
Tel.: +49-6841-16-16400, Email: Marcel.Lauterbach@uni-saarland.de

In accordance with the objectives of its equal opportunities plan, Saarland University seeks 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.

We welcome applications regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity.

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.

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.