



Saarland University is a campus university that is internationally recognized for its strong research programs. 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.

The Molecular Imaging Lab is inviting applications for a

## Funded PhD position

Salary according to German TV-L salary scale, pay grade E13, 50% of standard working time.

**Your workplace:** An interdisciplinary team of physicists, biologists and medical doctors at the Center for Integrative Physiology and Molecular Medicine, the Preclinical Center for Molecular Signal Processing and the Institute of Anatomy at Saarland University in Homburg, Germany

**Your project:** Development of a microendoscopy system and its application for functional imaging of fluorescent biomarkers in the scope of the NanoBioMed initiative of Saarland University

**Your academic qualifications:** Completed studies in biophysics, physics, engineering, biology, human or veterinary medicine or related areas

**The successful candidate will be expected to bring along:**

- High degree of independence, commitment to science, and initiative
- Experience in optics or imaging
- Enthusiasm to work on the physical/optical and on the biological aspects of the project
- Manual dexterity, e.g. for implanting the microendoscope
- Knowledge of Matlab or another programming language
- Good English skills

Please send your **application**, quoting the reference number F4792, with a meaningful motivation letter, curriculum vitae and certificates in German, English or French, **as one pdf file by September 05, 2021** to:

Saarland University  
Jun.-Prof. Dr. Marcel Lauterbach  
CIPMM/Building 48  
66421 Homburg (Saar)  
Germany  
E-Mail: 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.

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. 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 General Data Protection Regulation (GDPR). By submitting your application you confirm that you have taken note of the information in the Saarland University privacy notice.