

**Zentrale Universitätsverwaltung  
Abteilung 3 - Personal****534/2019**

Halle (Saale), 23.04.2019

**External advertisement  
Registration number 5-4439/19-H**

At the Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences II, Institute of Physics,  
Medical Physics Group the fixed-term position (3 years) of

**Research Assistant / PhD studentship (m-f-d)**

is available immediately under part-time employment (50% of full-time contract). The salary is determined according to the public sector pay scale up to E13 TV-L depending on the assigned tasks and personal qualifications.

**Qualifications / requirements:**

- Completed degree (Master, Diploma or equivalent) in biophysics, medical physics, biochemistry or a relevant engineering discipline
- Knowledge / practical experience all or some of the following areas: spectroscopy, biophysical characterisation of biological samples, optics, lasers, signal and image processing, programming (e.g. Matlab, Labview)
- Very good spoken and written English
- High motivation, ability to work independently and within an interdisciplinary team, organisational skills, good communication skills

**Projekt tasks:**

- Development of methods for molecular photoacoustic imaging, characterisation and development of genetically expressed reporter molecules
- Highly interdisciplinary work from basic research up to first *in vivo* applications
- Publication of scientific results
- Contribution to teaching, supervision of bachelor and master projects
- This position offers the opportunity to complete a doctorate / PhD.

Women are strongly encouraged to apply. Applicants with disabilities will be preferred if qualifications and suitability are comparable.

For more information please contact Prof. Jan Laufer, Tel.: 0345 55-25400,  
E-Mail: [jan.laufer@physik.uni-halle.de](mailto:jan.laufer@physik.uni-halle.de). Informal visits prior to the interview can also be arranged.

Please send your application (incl. covering letter, CV, and two references) **by email** to Jan Laufer ([jan.laufer@physik.uni-halle.de](mailto:jan.laufer@physik.uni-halle.de)), stating **Registration number 5-4439/19-H**. The deadline for applications is **08/05/2019**

Please note that expenses associated with the application process (e.g. travel) will not be reimbursed.

Application documents will only be returned if an envelope with pre-paid postage is provided. This job vacancy is conditional and subject to potential legal and financial restrictions.