



Zentrale Universitätsverwaltung  
Abteilung 3 - Personal



217/2019

Halle (Saale), 11.02.2019

External job advertisement  
Reg.-No. 5-1406/19-D

The Martin Luther University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology/Zoology, Department of Animal Physiology, invites interested candidates to apply for a

**research assistant / PhD student (m-f-d)**

position (**part time, 65%**).

The position can **start as soon as possible** and its *duration is limited to three years*.  
The salary will be commensurate with the qualifications of the successful candidate within the salary scale 13 TV-L.

Research in our group is focused on insect olfaction with a special interest in understanding the molecular mechanism of pheromone detection in pest insects such as moths and locust ([www.animal-physiol.uni-halle.de](http://www.animal-physiol.uni-halle.de)). Within the framework of a DFG-funded project we are seeking for a motivated group member that will work with us on the specific role of "sensory neuron membrane proteins" in olfactory signal transduction. Work of the successful candidate will include molecular and biochemical approaches on signalling complexes and signal transduction pathways in the antenna as well as the functional analysis of heterologously expressed proteins.

**Requirements:**

- university degree (master or equivalent) in biology, biochemistry or related sciences
- high interest in experimental work
- profound knowledge in biochemical and molecular biological methods
- experience in studying receptor signalling complexes and/or signal transduction cascades would be advantageous
- high team spirit, high motivation and a very good command of English

**Work tasks:**

- planning, performance and analysis of experiments
- drafting of publications and presentation of results
- organizational research tasks (instrument care, animal rearing)
- guidance of students associated with the project

Severely disabled persons may qualify for preferential hiring provided that they are equally qualified. In order to support women in academia, the university particularly encourages women to apply.

For any queries contact Prof. Dr. Jürgen Krieger, Tel.: +49 (0)345 55-26440,  
E-mail: [juergen.krieger@zoologie.uni-halle.de](mailto:juergen.krieger@zoologie.uni-halle.de).

Please submit your full application including the usual documents with reference to **Reg.-No. 5-1406/19-D until March 1, 2019** to Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences I, Institute of Biology/Zoology, Dep. of Animal Physiology, Prof. Dr. Krieger, Hoher Weg 8, D-06120 Halle (Saale).

An application by E-mail to [juergen.krieger@zoologie.uni-halle.de](mailto:juergen.krieger@zoologie.uni-halle.de) is possible.

The announcement takes place pending any possible budget restrictions.

Expenses incurred by the application will not be reimbursed. Written documents will only be returned if the applicant provided a self-addressed stamped envelope.