

The Department of Cellular Neurobiology at the Georg-August-Universität Göttingen is looking to fill a

### **Postdoc Position**

This position should be filled by 1st of June 2019. The regular working hours will be 39,8 hours per week with a limited contract of three years. Salary: **Pay grade 13 TV-L**.

The position will be affiliated with the group of Prof. Martin Göpfert, which is analyzing *Drosophila* mechanotransduction using genetic, neurophysiological, and behavioral approaches (e.g. Albert and Göpfert, *Curr Opin Neurobiol* 34:79-85, 2015; Zhang et al., *Cell* 162:1391-403, 2015; Zanini et al., *Neuron* 98:67-74, 2018).

Aim of the Postdoc Position is the characterization of mechanosensory-relevant ion channels in vivo and in vitro. The project will be based on data from a recent RNA-Seq. screen. We will use the screening results to evaluate the roles of ion channels in mechanosensation and to delineate their conduction properties and their activation mechanisms.

### **You should:**

- hold a PhD and a Master degree in Neurobiology, Biochemistry, or Biophysics
- have profound expertise in the in vitro and in vivo characterization of ion channel function
- be experienced in the acquisition and analysis of neurophysiological data and bioinformatics
- have experience in cell culture and molecular biology
- optimally be familiar with *Drosophila* model system

We provide a lively international research team that performs leading-edge science. We expect you to be a self-organized, curious, highly motivated, open minded researcher, willing to work with us.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

### **Applications for the postdoc position have to include:**

- CV
- a short summary (~150 words) of your last scientific project
- scientific certificates

and should be sent to **Ms. Gudrun Matthes**, [gmatthe@gwdg.de](mailto:gmatthe@gwdg.de), until **4th of April, 2019**.

### **Please note:**

With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the [Information General Data Protection Regulation \(GDPR\)](#)