Institute for Auditory Neuroscience

Göttingen Campus

The Institute for Auditory Neuroscience of the University Medical Center Göttingen (Germany) invites applications for a

Postdoctoral position

in physiological analysis of cochlear optogenetics

The work focusses on the use of optogenetics to restore activity in auditory neurons. The successful candidate will contribute to the development of the optical implant in rodents using state of the art optogenetic tools. The scientist can build on existing infrastructure such as virus-production, virus-injection, in vitro and in-vivo electrophysiology as well as established optical imaging methods at the Institute for Auditory Neuroscience.

We are looking for excellent and highly motivated applicants with a strong background in systems physiology and optogenetics. The ability to work in an interdisciplinary (combining molecular, structural, physiological, and theoretical approaches) and international team of researchers is required. The position is available for 12 months initially.

The Göttingen Campus is a leading Neuroscience Center hosting numerous prestigious and internationally renowned research institutions. This includes the University and its Medical Center, three life science Max Planck Institutes, the European Neuroscience Institute, and the German Primate Center. The Institute for Auditory Neuroscience & InnerEarLab is tightly integrated in the Campus with research groups hosted also at non-university institutions and runs numerous stimulating collaborations on Campus such as within the collaborative sensory research center SFB 889 (www.sfb889.uni-goettingen.de/), the Bernstein Center for Computational Neuroscience (BCCN, www.bccn-goettingen.de) and the Multiscale Bioimaging Cluster of excellence (https://www.uni-goettingen.de/en/579892.html).

Please submit your application preferably in one single PDF-document, including cover letter, CV, list of publications, names of possible referees, and relevant certificates to: ianoff@gwdg.de until November 30th, 2019.

Dr. Tobias Moser, Professor of Auditory Neuroscience
Institute for Auditory Neuroscience, University Medical Center Göttingen
Robert-Kochstr. 40, D-37075 Goettingen, Germany