



The Institute for Auditory Neuroscience of the University Medical Center Göttingen (Germany) and Auditory Neuroscience Group, Max-Planck-Institute of Experimental Medicine invite applications for a

## Postdoctoral position in optogenetic restoration of hearing

The work focusses on the use of optogenetics to restore activity in auditory neurons. The successful candidate will contribute to further develop cochlear optogenetics for future optical cochlear implants. Specifically, the candidate will perform *in vivo* electrophysiology and behavioral analysis in rodents to characterize bionic hearing elicited by preclinical multichannel optical cochlear implants in close collaboration with engineers.

We are looking for excellent and highly motivated applicants with a strong background in electrophysiology. Experience in auditory systems physiology and behavioral analysis will be beneficial. The ability to work in an interdisciplinary (gene therapy, physiology and behavior, imaging, engineering, and theoretical approaches) and international team of researchers with a strong spirit of collaboration between different institutions (University Medical Center Göttingen, MPI of Experimental Medicine, Fraunhofer FEP) is required. The position is available for 24 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/](http://www.sfb889.uni-goettingen.de/)) and the Multiscale Bioimaging Cluster of Excellence ([www.mbexc.de/en/](http://www.mbexc.de/en/)).

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](mailto:ianoff@gwdg.de) until September 1<sup>st</sup>, 2020.

Women are especially encouraged to apply. Applicants with disabilities and equal qualifications will be given preferential treatment.

Travel and application fees cannot be refunded or transferred.

**Dr. Tobias Moser, Professor of Auditory Neuroscience**

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