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

**Postdoctoral position**

in optical analysis of cochlear optogenetics

The work focusses on the use of optogenetics to restore activity in auditory neurons. The successful candidate will employ imaging and modelling tools to further develop cochlear optogenetics for future optical cochlear implants. The scientist can build on existing infrastructure such as virus-production, virus-injection, in vitro and in-vivo electrophysiology, as well as established optical methods at the Institute for Auditory Neuroscience.

We are looking for excellent and highly motivated applicants with a strong background in physics, biomedical engineering, or computer science. 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 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/), the Bernstein Center for Computational Neuroscience (BCCN, www.bccn-goettingen.de) and the Multiscale Bioimaging Cluster of excellence.

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 December 1st, 2019.

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