The Department of Otorhinolaryngology of Medical Center Göttingen (Germany) invites applications for an attractive

**PhD student position**

in Auditory Systems Physiology and Behavior

The successful candidate will study the consequences of cochlear dysfunction on central auditory processing. The main experimental work of the project will consist of *in vivo* recordings from the rodent auditory brainstem and behavioral experiments. Thus, previous experience in with electrophysiological experiments and/or a completed course on animal experimentation (FELASA B) will be helpful. He or she will also participate in adapting existing hard- and software for experimental setups, requiring some technical knowledge and programming skills, ideally in Python and/or Matlab.

Applicants should hold a Master’s degree or equivalent in neuroscience, audiology, physiology, animal biology or molecular medicine with a focus on sensory physiology. The ability to work in an interdisciplinary, English-speaking international team of researchers is required.

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 Auditory Systems Physiology group is part of the InnerEarLab (http://www.innerearlab.uni-goettingen.de), consisting of 7 groups employing molecular, structural, physiological, and theoretical approaches to study inner ear function. Most PhD students are inscribed in the „sensory and motor neuroscience“ or “systems neuroscience” programs of the Göttingen Graduate School for Neurosciences, Biophysics, and Molecular Biosciences (GGNB, http://www.uni-goettingen.de/en/sh/56640.html).

Generous financing has been granted by the EU in framework of the international training network „LISTEN“, (http://www.listenscience.eu/) offering a 3 year position (E13) and participation in many excellent training activities that bridge science and industry. There are planned secondments to a laboratory in Montpellier/France and to a hearing aid company.

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 NSTrenzke@med.uni-goettingen.de until February 5th, 2017. EU regulations demand that candidates must not have resided in Germany for more than one out of the three years before starting the PhD.

Nicola Strenzke