

Post-Doc in Stem Cell Research and Neurosensory Regeneration

The University of Tübingen Medical Center is offering at the earliest date possible a position for a **Post-Doc**

in Stem Cell Research and Neurosensory Regeneration at the Hearing Research Center at the Department of Otorhinolaryngology – Head & Neck Surgery, group of Prof. Löwenheim. The position is within a network of research groups and companies working in the area of neurosensory stem cell biology and regenerative therapy of the inner ear. The position is funded for a limited period of time (1.5 years, prolongation is intended).

The aim of the position and the project is to pursue basic and applied research in the fields of stem cell research and neurosensory regeneration. The focus is on generating specific sensory and neuronal subtypes through in vitro differentiation of human stem cells using iPSC technology and primary cells. Of particular interest are innovative methods of lineage guidance to generate sensory hair cells, supporting cells and neurons. These cellular models will be employed in hearing loss models and small molecule screens investigating toxicity, protection and regeneration. Applicants have a PhD degree or equivalent in natural or medical sciences and knowledge of stem cell biology and/or the molecular mechanisms of neurosensory development and differentiation. Expertise in modern histology techniques, in fluorescence microscopy and in molecular and cell biology are essential. Previous experience with high content screening will be advantageous. Good communication skills, ability to work in a team, and proficiency in English are required.

We offer remuneration in accordance with TV-L (collective wage agreement for the Public Service of the German Federal States) in addition to all the customary benefits granted to employees working in Public Services. Severely handicapped persons with equal qualifications are given preferential consideration. The University of Tübingen is anxious to increase its quota of female scientific staff, and therefore emphatically requests women to apply for this position. The Administration of the University Hospital is responsible for all employment matters. Personnel appointments will be made pursuant to the fundamental stipulations of the legal statutes for universities in Germany.

Please send your application including a CV, a publication list, description of past research activities, as well as contact details for three references via e-mail in a single PDF file to PD Dr. Marcus Müller (marcus.mueller@uni-tuebingen.de) or in written form, University of Tübingen Medical Center, Department of Otorhinolaryngology – Head & Neck Surgery, Elfriede-Aulhorn-Str. 5, 72076 Tübingen Germany.