

In a collaboration between the **Leibniz Institute for Neurobiology** and the **Department of Otolaryngology at the University Hospital Magdeburg** we offer the position of a salaried

Master Thesis

in Auditory Neuroscience.

The DFG-funded research project (Priority Program 1608) investigates age-dependent effects of unilateral hearing loss on signal processing in the auditory system and tests for functional recovery using electric stimulation with cochlear implants.

Applicants should have an interest in acute slice patch clamping. Ideally, the candidate already has some experience in electrophysiology.

The laboratory offers state-of-the art techniques:

- Acute slice preparation
- Whole-cell patch clamping
- Electric and optogenetic stimulation
- Data Analysis

A research stay at the University of Kaiserslautern (Prof. Eckard Friauf) is planned.

Applicants should submit a CV, bachelor certificate and research interests to:

prigge@lin-magdeburg.de or maike.vollmer@med.ovgu.de

