NEUROBIOLOGICAL PRACTICAL COURSE – HEARING
18. – 22. March 2024 Monday to Friday
Department of Otolaryngology, Head and Neck Surgery
University of Tübingen
Tübingen Hearing Research Centre

Topics: Anatomy, Dissection, Histology, in-vivo-Electrophysiology, Patch-Clamp, Cochlear Mechanics, Otoacoustic Emissions, Genetic and Biological issues in Hearing Research

Participants: Postdocs, Ph.D. students, Graduates & Undergraduates, lab members of Biochemistry, Biology, Biophysics, Engineering, Genetics, Medicine, Molecular biology, Neurobiology, Physiology, Pharmacology, and Zoology wishing to become acquainted with basic methods in modern hearing research

Language: English

Time: 18. – 22. March 2024 Monday to Friday:
09.00 - 10.00: Lecture
10.00 - 17.00: Experiments [Patch-clamp, Histology, microdissection, spiral ganglion neurons isolation, OAE (Humans), OAE & ABR]
17:15 - 18.00: Seminar

Organizer: Dr.-Ing Ernst Dalhoff
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Registration: until 20.02.2024, in written form by e-mail, in a couple of sentences describing your background, keywords on previous experience in the inner ear fields, your expectation and/or motivation for wishing to participate

Registration fee: 250 €; Students: 120 € (included: course material)

This one-week practical course will acquaint the participants with selected topics in modern hearing research. The course should also assist participants to find appropriate topics for their future research in hearing. Participants will be divided into five groups of four persons, each group conducting a different experiment each day. Methodological and theoretical aspects of the experiments will be discussed in the seminars. The series of lectures are designed to review the relevant research areas.