

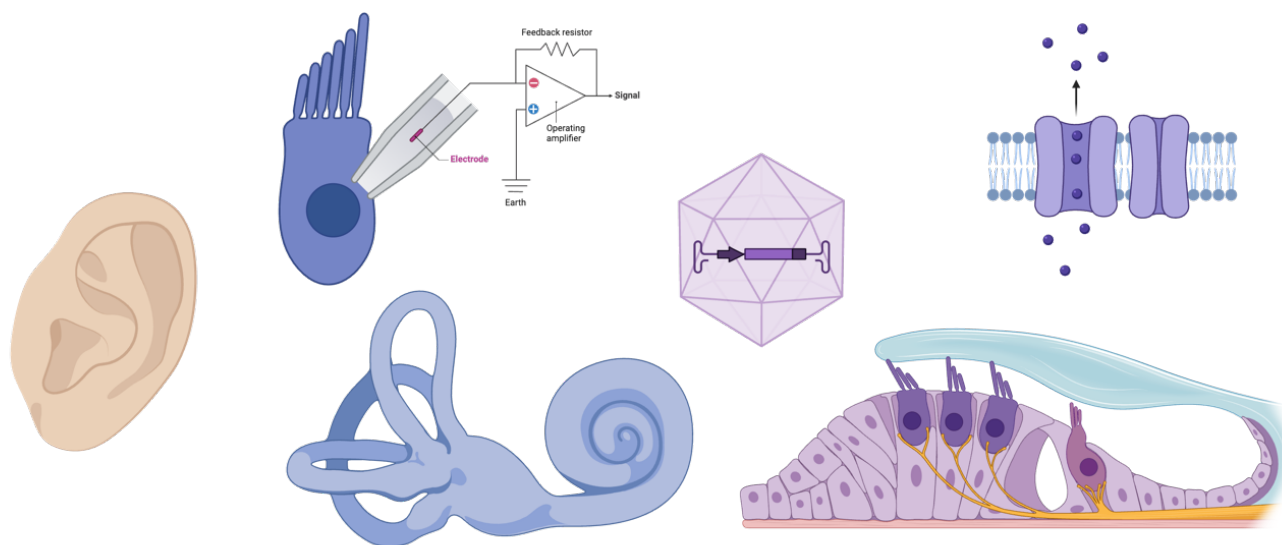
NEUROBIOLOGICAL PRACTICAL COURSE – HEARING

18. –22. March 2024 Monday to Friday

Department of Otolaryngology, Head and Neck Surgery

University of Tübingen

Tübingen Hearing Research Centre



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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 E-mail: ernst.dalhoff@uni-tuebingen.de
Contact person	Aurore Brugeaud, PhD Universitäts-HNO-Klinik, Tübingen Hearing Research Centre Elfriede-Aulhorn-Str. 5, 72076 Tübingen, Germany E-mail: aurore.brugeaud@med.uni-tuebingen.de
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.