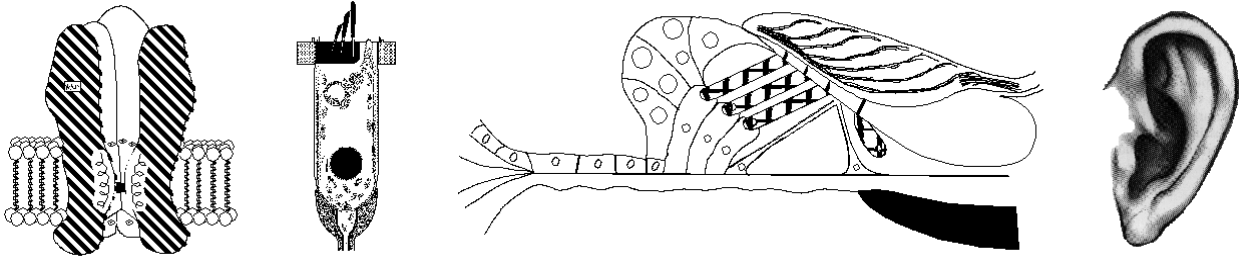


NEUROBIOLOGICAL PRACTICAL COURSE - HEARING

Department of Otolaryngology, University of Tübingen
Tübingen Hearing Research Centre



- Topics:** *in-vivo* Electrophysiology, *in-situ* Hybridisation, Patch clamping of outer hair cells, Microdissection of the cochlea, Otoacoustic emissions
- Participants:** **Postdocs, Ph.D. students, Graduates & Undergraduates** 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, unless all participants are German speaking
- Time:** **08. – 12. April 2019**
Monday to Friday:
08.30–10.00: Review lecture
10.00–17.15: Experiments
17.15–18.00: Seminar
18.15–19.15: Review lecture (Monday & Tuesday) and Tutorial (Thursday)
- Organizer:** Professor Dr. A. W. Gummer
- Course secretariat:** Renate Lauf, Universitäts-HNO-Klinik
Sektion Physiologische Akustik und Kommunikation
Elfriede-Aulhorn-Str. 5, 72076 Tübingen, Germany
Tel.: ++49 7071 2988191
Fax.: ++49 7071 294174
E-mail: anthony.gummer@uni-tuebingen.de
- Registration:** **until 05.03.2019** in written form by letter or e-mail,
in a couple of sentences describing your motivation for wishing to participate
- Registration fee:** 200 €; Students: 80 € (included: course material and comprehensive manuscript)
- Accommodation service:** Verkehrsverein Tübingen, an der Neckarbrücke
Tel.: ++49 7071 91360; *Homepage:* <http://www.tuebingen-info.de/>

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.

The manuscript will be posted to the participants two weeks before course begin. The participants are strongly recommended to use the manuscript to familiarise themselves with the theory of the experiments.