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MEDICAL UNIVERSITY INNSBRUCK

Course on Cellular Neuroscience Methods and Sensory Neurosciences

09.12.-11.12.2026

MEDICAL UNIVERSITY INNSBRUCK

UNIVERSITÄTSMEDIZIN GÖTTINGEN : UMG

eurolife
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Hi, this is Tobias Moser.

II will be running a course on ”Cellular Neuroscience Methods and Sensory Neurosciences” from December 9nd to 11th 2026 @MUI.

Why attend?

You will learn about the state of the art cellular neuroscience methods and get a fresh primer on exciting sensory neuroscience.

Who can attend?

The course is intended for medical and students from the University of Innsbruck, as well as MSc and PhD candidates, and is also open to interested postdocs.

How will the course work?

- Interactive format with lectures and tutorials as well as one practical on clinical audiology
- Group size not exceeding 20 participants

Registration:

Via the online portal “i-med.inside”.
For LFU students:

If you have any questions or require clarification, please contact Professor Philipp Zelger, PhD: philipp.zelger@i-med.ac.at

COURSE PROGRAM:

The course on Cellular Neuroscience Methods and Sensory Neurosciences provides medical students, MSc and PhD students of the life and biomedical sciences as well as other interested scientists with an introduction to state-of-the-art cellular neuroscience methods and a primer on basic and clinical sensory neuroscience with emphasis to cellular mechanisms in audition, vision and olfaction. The course will be run in an interactive format with lectures and tutorials as well as one practical on clinical audiology with a group size not exceeding 20 students. Tutorials will be used to discuss the study questions. Study questions and papers will be provided to the course participants one week prior to the course.

	Wed 09.12.26	Thu 10.12.26	Fri 11.12.26
08:30-10:00	Lecture: Methods in cellular neurophysiology	Lecture: Vision and Olfaction	Practical: Audition, Balance, Olfaction
10:15-12:00	Lecture: Optogenetics – from tools to applications	Tutorials: Audition, Vision and Olfaction	
13:00-14:45	Tutorials: Methods in cellular neurophysiology and optogenetics	Lecture: Clinical sensory neuroscience	
15:00-16:30	Lecture: Audition	Tutorial: Clinical sensory neuroscience	