

**Current Methods of Protein Biochemistry and Structural Biology-Expression, Purification
and Analysis of Proteins Wednesday 11:15-12:45 NDEF04/397**

Date	Lecturer	Subject
09.04.2025	Frederik Großerüschkamp	Preliminary Talk Cloning and Cell Biological Methods
16.04.2025	Frederik Großerüschkamp	Protein Expression in <i>Escherichia coli</i> and <i>Pichia pastoris</i>
23.04.2025	Svitlana Rozanova	Separation, Purification and Quantification of Proteins and Peptides
30.04.2025	Till Rudack	Bioinformatic Methods of Protein Modelling – Use of Artificial Intelligence
07.05.2025	Raphael Stoll	Introduction to Protein Structure Determination I - NMR
14.05.2025	Eckhard Hofmann	Introduction to Protein Structure Determination II - X-ray
21.05.2025	Carsten Kötting	Introduction to UV/Vis-, Raman- und FTIR- Spectroscopy
28.05.2025	Carsten Kötting	Spatio-temporally Resolved Fluorescence Spectroscopy
04.06.2025	Ingrid Vetter	Protein Folding
11.06.2025	Witsun	University holiday
18.06.2025	Frederik Großerüschkamp	Biophotonics and Spectral Histopathology
25.06.2025	Axel Mosig, (Fred Großerüschkamp)	Bioinformatic Analysis of Spatially Resolved Spectral Data
02.07.2025	Katalin Barkovits	Mass Spectrometry of Proteins
09.07.2025	Martin Eisenacher	Bioinformatic Methods in Proteomics
16.07.2025		
10-12 Uhr	HNC 10	Written Exam
10-12 Uhr	HNC 10	Retake Exam