



# Cycle of Lectures 'Molecular Cell Biology'

**Mo. 18:00 – 19:30**

Lecture Hall H53

**Start: Mo. October 17, 2022**

17.10.2022	Cell nucleus: function, sub-structures & dynamics	Tschochner
24.10.2022	The architecture of the cell nucleus	Längst
31.10.2022 (online)	The eukaryotic transcription machinery	Tschochner
07.11.2022	Membranes: structure & transport	Koch
14.11.2022	Cellular logistics: protein sorting into organelles	Dresselhaus
21.11.2022	Cellular logistics: vesicle-traffic & secretion	Dresselhaus
28.11.2022	Signal transduction	Schneuwly
05.12.2022	Cell-cell communication	Schneuwly
12.12.2022	Extracellular matrix	Sprunck
19.12.2022	Cell adhesion	Sprunck
09.01.2023	Cytoskeleton & motor proteins I	Kerkhoff
16.01.2023	Cytoskeleton & motor proteins II	Kerkhoff
23.01.2023	Cell cycle & tumor development I	Seufert
30.01.2023	Cell cycle & tumor development II	Seufert

The lecture series is addressed to advanced students in their course of studies in biology and biochemistry beginning from the 5th semester. Knowledge of basic cellular structures and molecular mechanisms will be deepened to provide a solid knowledge base for various continuative special lectures beginning in the summer semester. The date of oral examinations will be coordinated with the auditors.