

Summer Term 2024
184 631 Special Lecture in the Focal Point Programme
Biochemistry of Membranes and Nervous Systems

Start: 09.04.2024
Time: Tuesdays, 14:15 until 16:00
Location: NC6/99

The lecture series is divided in 11 topics that will be addressed on a weekly basis by Dr. Neumann, Prof. Günther-Pomorski, Annika Haak, and Prof. Heumann. Each teacher will provide online material for self-studying at home. The lecture material will be provided via Moodle as follows:

Lecture #1	09.04.2024	Cells of the nervous system	Günther-Pomorski
Lecture #2	16.04.2024	Structure and function of neuronal synapses	Neumann
Lecture #3	23.04.2024	Electric properties of neurons	Neumann
Lecture #4	30.04.2024	Presynaptic vesicle formation and recycling	Günther-Pomorski
Lecture #5	07.05.2024	Motor proteins and vesicular transport	Günther-Pomorski
Lecture #6	14.05.2024	Lipid signaling in neuronal cells	Günther-Pomorski
	21.05.2024	Pentecost break	
Lecture #7	28.05.2024	Neurodegenerative diseases – Parkinson's disease	Heumann
Lecture #8	04.06.2024	Glucose metabolism of neuronal cells	Günther-Pomorski
Lecture #9	11.06.2024	Development of the nervous system	Neumann
Lecture #10	18.06.2024	Learning and Memory	Neumann
Lecture #11	25.06.2024	Advanced Light Microscopy for Neuroscience	Haak