Structure and dynamics of biological membranes, 7.5 (2025)

The Dept. of Biochemistry & Biophysics, House C, Arrhenius Laboratories.

Date	**Topic**	**Lecturer**
Mon 20/1, 9-12	Lipids: Physico-Chemical Properties, Detergents	MD
Tue 21/1, 9-12	Lipid-Protein interactions	MD
Wed 22/1, 9-12	Membrane Protein Folding (Biophysics)	GvH
Thu 23/1, 9-12	Membrane Protein Biogenesis **Topics of literature studies (selection by you)**	JwdG
Fri 24/1 ,9 -12	Membrane Protein Biotechnology **Selection of topics of literature studies (report due 18/3)**	DDr
Mon 27/1, 9-12	Fundamentals of Bioenergetics	PB
Tue 28/1, 9 -12	Membrane Proteins Involved in Energy Conversion	VK
Wed 29/1, 9-12 Wed 29/1, 13-16	Molecular Mechanisms of Membrane-Bound Energy Transduction Photosynthesis	VK PB
Fri 31/1, 9-12	GPCR Structure and Signaling	DDr
Mon 3/2, 9-12	Transport across membranes: Channels and Primary active Transport	DDr
Tue 4/2, 9-12	Transport across membranes: Secondary-Active Transporters	DDr
Wed 5/2, 9-12	Research-based lecture	MD
Thu 6/2, 12-17 Fri 7/2, 10-15	**Oral presentations**	DDr
Tue 18/2	**Exam**	DDr

Lecturers

MD Milka Doktorova

DDr	David Drew
GvH	Gunnar von Heijne
JwdG	Jan-Willem de Gier
PB	Peter Brzezinski
VK	Ville Kaila

Secretariat: Room A417.
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Text-Book: Cell Boundaries. How membranes and their proteins work. Gunnar von Heijne.