

Structure and dynamics of biological membranes, 7.5 and 7.0hp (2020)

Lectures remotely by zoom at the Dept. of Biochemistry & Biophysics, House C, Arrhenius Laboratories.

Date	Topic	Lecturer
Thu 18/2, 9-12	Lipids: Physico-Chemical Properties, Detergents	DDr
Fri 19/2, 13 - 16	Lipid-Protein interactions	EL
Mon 22/2, 9-12	Membrane Protein Folding (Biophysics)	GvH
Tue 23/2, 9-12	Membrane Protein Biogenesis Topics of literature studies (selection by you)	DDr
Wed 24/2, 9 -12	Membrane Protein Biotechnology Selection of topics of literature studies (report due 18/3)	DDr
Thu 25/2, 9-12	Fundamentals of Bioenergetics	PB
Fri 26/3, 9-12	Membrane Proteins Involved in Energy Conversion	VK
Mon 1/3 to 5/3	Writing literature study	
Mon 8/3, 10-12 , 13-16	Molecular Mechanisms of Membrane-Bound Energy Transduction Photosynthesis	PB VK
Tue 9/3, 9-12	GPCR Structure and Signaling	DDr
Wed 10/3, 9-12	Transport across membranes: Channels and Primary active Transport	DDr
Thu 11/3, 9-12	Transport across membranes: Secondary-Active Transporters	DDr
Fri 12/3, 9-12	Research-based lecture: Secondary-Active Transport	DDr
Mo 15/3, 9-15 Tu 16/3, 9-15	Oral presentations of report (only KB7000)	DDr
Fri 19/3, 10-15	Written Exam	DDr

Lecturers

DDr	David Drew
GvH	Gunnar von Heijne
PB	Peter Brzezinski
EL	Erik Lindahl
VK	Ville Kaila

Secretariat: Room A417.

For information contact: David Drew, email: ddrew@dbb.su.se Phone: 16 2295