

**Structure and dynamics of biological membranes, 7.5hp (2019)**  
Lectures in K l (K441) at the Dept. of Biochemistry & Biophysics, House C, Arrhenius  
Laboratories.

<b>Date</b>	<b>Topic</b>	<b>Lecturer</b>
Thu 21/2, 9-12	Lipids: Physico-Chemical Properties, Detergents	DDr
Fri 22/2, 9-12	Lipid-Protein interactions	EL
Mon 25/2, 9-12	Membrane Protein Biogenesis <b>Topics of literature studies (selection by you)</b>	DDr
Tue 26/2, 9-12	Membrane Protein Folding (Biophysics)	GvH
Wed 27/2, 9-12	Membrane Protein Biotechnology <b>Selection of topics of literature studies (report due 18/3)</b>	DDr
Thu 28/2, 9-12	Fundamentals of Bioenergetics	EG
Mon 4/3, 9-12	Mitochondrial Membrane protein targeting and assembly	MO
Tue 5/3, 9-12	Biological Electron Transfer and Photosynthesis	MO
Wed 6/3, 9-12 , 13-16	GPCR Structure and Signaling <i>Practical tutorials</i>	DDr <i>IW</i>
Thu 7/3, 10-12 , 13-16	<b>Guest Lecture Jens Carlsson: GPCR's in Drug Discovery</b> <i>Practical tutorials</i>	<i>IW</i>
Fri 8/3, 9-12 , 13-16	Transport across membranes: Channels and Primary active Transport <i>Practical tutorials</i>	DDr <i>IW</i>
Mon 11/3, 9-12 , 13-16	Transport across membranes: <i>Tutorial</i> Secondary-Active Transporters I <i>Practical tutorials</i>	DDr <i>IW</i>
Tue 12/3, 9-12 , 13-16	Transport across membranes: <i>Tutorial</i> Secondary-Active Transporters I <i>Practical tutorials</i>	DDr <i>IW</i>
Wed 13/3- Fri 15/3	Preparation of literature report and exam	
Mo 18/3, 9-15 Tu 19/3, 9-15	<b>Oral presentations of Literature studies on relevant exam-related topics and tutorials</b>	DDr
Fri 22/3, 10-15	<b>Written Exam</b>	DDr

**Lectures:** Room **K441** at the Department of Biochemistry and Biophysics.

**Tutorials:** IW (Iven Winkelmann)

**Lecturers**

DDr	David Drew
GvH	Gunnar von Heijne
EG	Elzbieta Glaser
EL	Erik Lindahl
MO	Martin Ott

Secretariat: Room A417.

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