

**Preliminary schedule for KEMM13, spring semester 2019**

W	Date	Location	Activity
13	2019-03-25	B	<b>09.30 Roll-call</b>
		B	<b>13.15-15.00 Introduction to KEMM13, UJ</b>
	2019-03-26	C	<b>10.15-12.00</b> Lecture: Receptors and signal transduction, UJ
	2019-03-27	G	<b>10.15-12.00</b> Lecture: Transporters 1, UJ
	2019-03-28	C	<b>10.15-12.00</b> Lecture: Transporters 2, UJ
		F	<b>13.15-15.00 Introduction to LAB 2, UJ/VN/DT</b>
	2019-03-29	B	<b>10.15-12.00</b> Lecture: Introduction to molecular biology techniques, UJ (Hand in problem 1)
	Weekend		
14	2019-04-01	G	<b>10.15-12.00</b> Lecture: PCR, primer design and cloning strategies, UJ
		F	<b>13.15-15.00 Problem 1 discussion, UJ</b>
	2019-04-02	C	<b>10.15-12.00</b> Lecture: Membrane protein topology prediction and simple model building, (LAB 1 theory), UJ
		F	<b>13.15-14.00</b> Lecture: Modeling membrane proteins, IA
	2019-04-03	G	<b>10.15-12.00</b> Lecture: Fusion protein techniques (LAB 1 theory), UJ
	2019-04-04	C	<b>10.15-12.00</b> Lecture: Expression, solubilization and purification of membrane proteins, SH
		F	<b>13.15-14.30 Presentation of LAB 2 project plans vers. 1, UJ/SH/VN/DT</b>
		F	<b>14.45-15.00 Introduction to lab hall and safety rules, VN/DT</b>
	2019-04-05	B	<b>10.15-12.00</b> Lecture: Crystallization of membrane proteins, SH
	Weekend		
15	2019-04-08		<b>LAB 1, VN/DT</b>
	2019-04-09		<b>LAB 1</b>
	2019-04-10		<b>LAB 1</b>
	2019-04-11		<b>LAB 1</b>
	2019-04-12		<b>LAB 1</b>
16	Easter		
17	2019-04-23	G	<b>10.15-12.00</b> Lecture: Basic bioenergetics, SH
	2019-04-24	G	<b>10.15-12.00</b> Lecture: Proton gradients, SH (Hand in LAB 1 report)
	2019-04-25	Au	Presentation preparations (Retake biology courses 13-18)
	2019-04-26	G	<b>10.15-12.00 Presentation of LAB 2 project plans vers. 2, UJ/SH/VN/DT/CJH</b>
		G, Au	<b>14.15-16.00 Primer design, VN/DT/CJH, (Hand in primers 21.00)</b>
	Weekend		
18	2019-04-29		Study period
	2019-04-30		Last of April
	2019-05-01		Holiday
	2019-05-02	G	<b>10.15-12.00</b> Lecture: Respiratory chains, SH
		Au	<b>13.15-16.00 Reviewing and ordering primers for LAB 2, VN/DT/CJH</b>
	2019-05-03	G	<b>10.15-12.00</b> Lecture: ATP synthase, SH
		Weekend	
19	2019-05-06	M, Au	<b>13.15-16.00 Protein purification <i>in silico</i>, VN/DT/CJH</b> (Hand in problem 2)
	2019-05-07	C	<b>10.15-12.00 Problem 2 discussion, SH</b> (Hand in problem 3)
	2019-05-08	G	<b>10.15-12.00 Problem 3 discussion, SH</b>
		G	<b>13.15-14.00</b> Lecture: Bacterial conversion of dietary fiber, HS
	2019-05-09		<b>LAB 2, VN/DT/CJH</b>
	2019-05-10		<b>LAB 2</b>
		Weekend	
20	2019-05-13		<b>LAB 2</b>
	2019-05-14		<b>LAB 2</b>
	2019-05-15		<b>LAB 2</b>
	2019-05-16		<b>LAB 2</b>
	2019-05-17		<b>LAB 2</b>
		Weekend	
21	2019-05-20		<b>LAB 2</b>
	2019-05-21		<b>LAB 2</b>
	2019-05-22		<b>LAB 2</b>
	2019-05-23		<b>LAB 2</b>
	2019-05-24	Outside lecturehall A	<b>13.00 - LAB 2 poster presentation</b>

	Weekend		
22	2019-05-27		Study period
	2019-05-28		Study period
	2019-05-29		Study period
	2019-05-30		Kristihimmelsfärdsdag (Ascension)
	2019-05-31		Klämdag
	Weekend		
23	2019-06-03	<b>F</b> <b>F</b>	<b>10.15-11.00</b> Questions, SH <b>11.15-12.00</b> Questions, UJ
	2019-06-04		Study period
	2019-06-05	<b>Kårhuset</b>	<b>14.00-19.00</b> Exam
	2019-06-19	<b>L</b>	<b>10.15-15.00</b> Retake exam

To attend lectures is optional, **whereas the three problem solving exercises, all the lab work and related exercises are mandatory (marked in bold)**. If you **for any reason** need to be absent during lab work, discuss with your lab assistants how to **make up for the lost time**. LAB 1 should be documented and handed in as a written lab report, whereas the LAB 2 work is reported on a poster.

**The lab is normally open 9.00 – 18.00**. Depending on the experiments, some days less time is spent in the laboratory.

**Lab assistants:**

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