2025-02-17

PRELIMNARY SCHEDULE

Expression of proteins in eukaryotic cells (7,5 hp, KB8031)

2025-03-24– 2025-05-02

Lecturers and Lab. assistants:

EHA Einar Hallberg
EHE Eva Hedlund
DD David Drew
UK Urska Kasnik

Literature
Suggested readings during course will be available on Athena

Tutorials
Tutorial questions - will be handed out by the teacher.
You are allowed to collaborate, but answers must be handed in individually.
Write your name in the upper left corner.
Write your answers in BOLD directly under the questions and send in by email according to schedule. Tutorial answers will be discussed together at scheduled occasions.

Location
Roll call: **K441-K447**
Lectures, tutorials, exams & lab introduction/presentations: **K441-K447**
Laborations: **K232 and K242**

V 13

24/3 Mo	9.30 – 12.00 13.00-17.00	**Roll call.** **L1. Expression of proteins in eukaryotic cells.** **Introduction to lab practical.**	EHA UK
25/3 Tu	9.30 - 12.00 13.00-17.00	**L2. Imaging and dynamics of proteins in eukaryotic cells.** **LAB**	EHA UK
26/3 We	9.30 - 12.00 13.00-17.00	**L3. Manipulation of protein expression in eukaryotic cells.** **Work on Tutorials 1-4**	EHA
27/3 Th	9.30 - 12.00 13.00-17.00	**Work on Tutorials 1-4** **LAB**	 UK
28/3 Fr	9.30 – 12.00 13.00 - 17.00	**L4. The nucleus and epigenetics.** **LAB**	EHA UK

V 14

31/3 Mo	9.30 - 12.00 13.00 – 17.00 **17.00**	**Work on Tutorials 1-4** **LAB** **Hand in Tutorials 1-4!!!**	 UK
1/4 Tu	9.30 - 12.00 13.00 – 17.00	**L6. Protein synthesis and organelle import.** **LAB** **Work on Tutorials 6-8**	EHA UK
2/4 We	9.30 - 12.00 13.00-17.00	**L7. Vesicular trafficking and secretion of proteins.** **LAB** **Work on Tutorials 6-8**	EHA UK
3/4 Th	9.30 - 12.00 13.00-17.00	**L5. Expression of proteins in yeast.** **LAB**	DD UK
4/4 Fr	9.30 – 12.00 13.00 - 17.00	**L9. Contact between eukaryotic cells.** **Presentation of Tutorials 1-4**	EHE EHA

V 15

7/4 Mo	9.30 – 17.00	**LAB**	UK
8/4 Tu	9.30 – 12.00 13.00 – 14.00 14.00 –17.00	**L8. The cytoskeleton.** **Introduction of research ethics.** **Work on Tutorials 6-8**	EHA EHA
9/4 We	9.30 –17.00 **17.00**	**LAB** **Hand in Tutorials 6-8**	UK
10/4 Th	09.30 – 17.00	**Prepare for research Ethics debate**	
11/4 Fr	9.30 –17.00	**Image processing**	UK

V 16

14/4 Mo	9.30 – 12.00 13.00-17.00	**L10. Neuromuscular contacts.** **Research Ethics debate**	EHE EHA
15/4 Tue	9.30 – 12.00 13.00-17.00	**Lab Drop-in session.** **Prepare oral lab presentation and discussions**	UK
16/4 We	9.30 - 12.00 13.00-17.00	**Presentation of Tutorials 6-8** **Prepare oral lab presentation and discussions**	EHA
17/4 Th	9.30 – 17.00	**Oral lab presentation and discussions** **OBLIGATORY**	EHA UK
18/4 Fr		**EASTER BREAK**	

V 17

21/4 Mo		**EASTER BREAK**	
22/4 Tu		Study for exam	
23/4 We		Study for exam	
24/4 Th		Study for exam	
25/4 Fr		Study for exam	

V 18

28/4 Mo		Study for exam	
29/4 Tu	13.00-17.00	**EXAM**	EHA/UK
30/4 We		HOLIDAY	
1/5 Th		HOLIDAY	