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Immunology BIOR16, 28 Aug. - 27 Oct., 2017

Department of Biology, Lund University

Welcome to the course in immunology! This course will provide a comprehensive overview of the mammalian immune system, and a variety of immunological laboratory techniques.

Course leader: Lars Råberg (LR), lars.raberg@biol.lu.se

Other Teachers: Agnieszka Czopek (AC), Björn Weström (BW), Camilla Björklöv (CB), Fredric Carlsson (FC), Helena Westerdahl (HW), Katharina Lahl (KL), Mehrnaz Nouri (MN), Phebe Verbrugge (PV), Shahram Lavasani (SL), Xiuqin Zhong (XZ)

Location: Dept. of Biology, Sölvegatan 35, Biology building D

Teaching activities: L (lecture), Sem (seminar), Lab

Compulsory activities on this course are marked with C: If you are absent from a compulsory activity without a valid reason you are not guaranteed to complete this part until the next time the course is offered. A valid reason is e.g. that you are ill, but not that you are travelling!

Literature: AK Abbas and AH Lichtman (2016), Basic Immunology: Functions and disorders of the immune system, 5th ed, Elsevier Saunders (ISBN: 978-0-323-39082-8)

[Before the introduction meeting you should read the documents "House information and Safety Regulations" and "Plagiarism and Cheating policy"](#)

[You can also read about Student rights and guidelines](#)

[Learning platform Live@Lund](#)

Date	Time	Activity	Compulsory (mark w. C!)	Description	Teacher	Location
Mo. 28 Aug.	09.00-10	L	C	Introduction	LR et al	B:A261b "Lecture room"
	10.00-12	L		Introduction to immunology	LR	
Tu. 29 Aug.	09.00-11	L		Overview of immune cells & organs	LR	
	11.00-12	L	C	Lab instructions & safety	CB	
We. 30 Aug.	09.00-12	L		Innate immunity	LR	
Th. 31 Aug.						
	13.00-13.50		C	General information, compulsory for all new students:		Hörsalen, Biology building
	14.00-15.30		C	Meet your programme coordinator and general information, compulsory for all new Master's students;		location will be announce by mail
Fr. 1 Sept.	09.00-12	L		T-cells: recognition & MHC	HW	
Mo. 4 Sept.	09.00-17	Lab	C	Lab 1, grp 1-5	MN, AC, XZ	
Tu. 5 Sept.	09.00-12	Lab	C	Lab 1 continued, grp 1-5	MN, AC, XZ	
	13.00-16	L		B- and T-cell differentiation	HW	
We. 6 Sept.	09.00-17	Lab	C	Lab 1, grp 6-10	MN, AC, XZ	
Th. 7 Sept.	09.00-12	Lab	C	Lab 1 continued, grp 6-10	MN, AC, XZ	
	13.00-14.10		C	Lecture: Library information, Kristina Arnebrant, compulsory for all new students		Hörsalen Biology building
	14.15-15.00		C	Lecture: Cheating and plagiarism, Carin Jarl Sunesson, compulsory for all new students		Hörsalen Biology building
Fr. 8 Sept.	09.00-12	S	C	Group study seminar 1 (grp 1-5, 6-10, 11-15)	LR, HW	
Mo. 11 Sept.	09.00-17	Lab	C	Lab 1, grp 11-15	MN, AC, XZ	
Tu. 12 Sept.	09.00-12	Lab	C	Lab 1 continued, grp 11-15	MN, AC, XZ	
We. 13 Sept.	09.00-12	L		T-cells: activation & effectors	SL	
Th. 14 Sept.	09.00-11	L		Antibody-mediated immunity	FC	



	11.00-12	S	C	Start of literature project	LR, HW, BW	
	13.00-15.00		C	Lecture: Scientific writing, Jep Agrell		Hörsalen Biology building
Fr. 15 Sept.	09.00-12	L		T cells: tolerance & autoimmunity	SL	
Mo. 18 Sept.	09.00-17	Lab	C	Lab 2, grp 1-5	SL	
Tu. 19 Sept.	09.00-17	Lab	C	Lab 2, grp 6-10	SL	
We. 20 Sept.	09.00-17	Lab	C	Lab 2, grp 11-15	SL	
Th. 21 Sept.						
	13.00-15	S	C	Lab 2 continued, grp 1-5	SL	föreläsningssal
Fr. 22 Sept.	09.00-12	S	C	Group study seminar 2 (grp 1-5, 6-10, 11-15)	LR, HW	
	13.00-15	S	C	Lab 2 continued, grp 6-10	SL	föreläsningssal
Mo. 25 Sept.	9.00-15	Lab	C	Lab 3.1, grp 1-5	PV	OP
	13.00-15	S	C	Lab 2 continued, grp 11-15	SL	föreläsningssal
Tu. 26 Sept.	09.00-12	L		Hypersensitivity	BW	
We. 27 Sept.	09.00-12	L		Infection & immunity	LR	
Th. 28 Sept.	9.00-15	Lab	C	Lab 3.1, grp 6-10	PV	OP
	12.15-14.00			Education fair - information about Biology courses and programmes	"All teachers"	Ecology Building
	13.30-15.00			Information: Exchange studies	Tina Ledje Kristina Miolin	Heden, Ecology building
Fr. 29 Sept.	09.00-11	L		Mucosal immunology	KL	
Mo. 2 Oct.	9.00-15	Lab	C	Lab 3.1, grp 11-15	PV	OP
	13.00-17	Lab	C	Lab 3.2, grp 1-5	MN	
Tu. 3 Oct.	9.00-17	Lab	C	Lab 3.3, grp 1-5	MN	
We. 4 Oct.	09.00-11	L		Vaccination and antigen variation	FC	
Th. 5 Oct.	09.00-11	L		Evolution of immune systems	LR	
	13.00-17	Lab	C	Lab 3.2, grp 6-10	MN	
Fr. 6 Oct.	9.00-17		C	Lab 3.3, grp 6-10	MN	
Mo. 9 Oct	13.00-17	Lab	C	Lab 3.2, grp 11-15	MN	
Tu. 10 Oct.	9.00-17	Lab	C	Lab 3.3, grp 11-15	MN	
We. 11 Oct.	12.00.00			Send literature project to supervisor	LR, HW, BW	
	13.00-17.00			Study visit Medicon Village	SL	
Th. 12 Oct.						
Fr. 13 Oct.	09.00-12	S	C	Group study seminar 3 (grp 1-5, 6-10, 11-15)	LR, FC	
				Feed-back literature project	LR, HW, BW	
Mo. 16 Oct.						
Tu. 17 Oct.						
We. 18 Oct.						
Th. 19 Oct.	09.00-12	S	C	Literature project presentations	LR, HW, BW	
Fr. 20 Oct.	09.00-12	S	C	Literature project presentations	LR, HW, BW	
Mo. 23 Oct.						
Tu. 24 Oct.						
We. 25 Oct.	09.00-11			Question time	LR, HW, FC, SL, KL, BW	
Th. 26 Oct.						
Fr. 27 Oct.	09.00-13.00			Exam		
Th. 30 Nov.	13.00-18.00			Re-exam courses period 1		