

Week 42		9	10	11	12	13	14	15	16	17
Monday 18 Oct	Labster - Intro to Immunology or Labster - Antibodies		Labster - Intro to Immunology or Labster - Antibodies			General Introduction Basic immunology - A refresher Inflammation in human diseases Louisa Cheung, Fredrik Wermeling, Alexander Espinosa <i>Scheelesalen, Tomtebodavägen 6, Solna</i>		Introduction to neurodegenerative disorders & Methods for PET imaging in Alzheimer's disease Elena Rodriguez-Vieitez <i>Online</i>		
Tuesday 19 Oct		Q&A: neurod. disorders Elena Rodriguez-Vieitez <i>Scheelesalen</i>		Genetics and epigenetics in multiple sclerosis Maja Jagodic <i>Scheelesalen</i>					Prep JC	
Wednesday 20 Oct		An overview of cancer: epidemiology, diagnosis, treatment and current research Lisa Villabona <i>Scheelesalen</i>							Prep JC	
Thursday 21 Oct		The expanding world of RNAs Claudia Kutter <i>Scheelesalen</i>				Non-coding RNA in CVD Hong Jin <i>Scheelesalen</i>		ncRNA in cancer research Weng-onn Lui <i>Scheelesalen</i>		Prep JC
Friday 22 Oct		An overview of CVD Use of genetic biobanks Maria Sabater Ilea <i>Scheelesalen</i>				Biobanks in research Cecilia Österholm Corbascio <i>Scheelesalen</i>				Prep JC

Week 43	9	10	11	12	13	14	15	16	17
Monday 25 Oct	APLS1								
Tuesday 26 Oct	9.00-12.00 Bioethics Niklas Juth <i>Please check course schedule for Applied Communication</i>					Prep JC			
Wednesday 27 Oct	APLS1								
Thursday 28 Oct	Prep JC	Journal Club - Sequencing ½ class Simone Picelli ZOOM					Journal Club - Sequencing ½ class Simone Picelli ZOOM		JC1 Reflection
Friday 29 Oct		Hallmarks of Cancer workshop nn <i>Ragnar Granit, Biomedicum</i>					Labster - CRISPR-Cas9		

Week 44		9	10	11	12	13	14	15	16	17
Monday 01 Nov	Biostatistics Ian Hoffecker <i>Parker, Tomtebodavägen 18a</i>						Biostatistics Ian Hoffecker <i>Parker, Tomtebodavägen 18a</i>			
Tuesday 02 Nov	Biostatistics Ian Hoffecker <i>Air, SciLifeLab</i>						Biostatistics Ian Hoffecker <i>Air, SciLifeLab</i>			
Wednesday 03 Nov		CRISPR-Cas9 in cancer research Sylvain Peugot <i>Nils Ringertz, Biomedicum</i>				CRISPR-based Synthetic Biology in Tissue Engineering & Regenerative Med. Diego Velasques Pulgarin <i>Nils Ringertz, Biomedicum</i>		CRISPR application Bernhard Schmiere <i>Nils Ringertz, Biomedicum</i>	CRISPR assignment	
Thursday 04 Nov		Mammalian model organisms Hong Jin <i>Nils Ringertz, Biomedicum</i>				Zebrafish as a model organism Lars Bräutigam <i>Nils Ringertz, Biomedicum</i>	Zebrafish facility visit (TBC) Lars Bräutigam			
Friday 05 Nov						Labster - Invertebrate Model System		Labster assignment (Invertebrate Model System)		

		9	10	11	12	13	14	15	16	17
Week 45										
Monday 08 Nov	Imaging-based testing for immunotherapy Valentina Carannante <i>Online</i>	CAR T-cells Isabelle Magalhaes <i>Online</i>	Course council Course leaders & class reps <i>Venue TBA</i>					Prep JC		Submit choices
Tuesday 09 Nov	9.00-12.00 Bioethics Niklas Juth <i>Please check course schedule for Applied Communication CMB Lecture Hall</i>						Labster - FACS	Prep JC		
Wednesday 10 Nov	Prep JC Bioscience Day - 10 Nov (http://www.bioscienceevent.com/)									
Thursday 11 Nov	Q&A: Imaging-based testing Valentina Carannante <i>Nils Ringertz, Biomedicum</i>	Autophagy pathways in cancer Helin Norberg <i>Nils Ringertz, Biomedicum</i>			CAR T-cells Isabelle Magalhaes <i>Nils Ringertz, Biomedicum</i>		AI in cancer research Martin Eklund <i>Nils Ringertz, Biomedicum</i>			
Friday 12 Nov	Calculation assignment						Calculation workshop nn <i>Nils Ringertz, Biomedicum</i>			

Week 46		9	10	11	12	13	14	15	16	17
Monday 15 Nov	APLS1									
Tuesday 16 Nov		Proteomics site visit (TBC)					Prep JC			
Wednesday 17 Nov	APLS1									
Thursday 18 Nov	Project work (CHaSE 2021 Nov 18-19)					Prep JC		Labster - Experimental Design	Labster - Experimental design Group work	
Friday 19 Nov	Project work (CHaSE 2021 Nov 18-19)					Prep JC				

		9	10	11	12	13	14	15	16	17
Monday 22 Nov	Prep JC	Journal Club - Proteomics ½ class TBA <i>Nils Ringertz, Biomedicum</i>				Journal Club - Proteomics ½ class TBA <i>Nils Ringertz, Biomedicum</i>			JC2 Reflection	
Tuesday 23 Nov	Project work									
Wednesday 24 Nov	Drug discovery using patient-derived cells Mingmei Shang <i>Nils Ringertz</i>	Germ cell biology with state-of-the-art technology Qiaolin Deng <i>Nils Ringertz</i>				Single-cell transcriptomics in mast cells Joakim Dahlin <i>Nils Ringertz</i>	Project work			
Thursday 25 Nov	In vitro studies on human brain tissue Laetitia Lemoine <i>Nils Ringertz</i>	ECM from a glycobiological perspective Cecilia Österholm Corbascio <i>Nils Ringertz</i>				Lecture TBC	Project work			
Friday 26 Nov	Lecture TBC	Systems Medicine Cheng Zhang <i>Nils Ringertz</i>				Lecture TBC				

Week 48		9	10	11	12	13	14	15	16	17
Monday 29 Nov	APLS1 - Examination									
Tuesday 30 Nov		Group presentation of project draft and workflow Alexander Espinosa Nils Ringertz				Project work			Submit order list	
Wednesday 01 Dec	Project work									
Thursday 02 Dec	Project work									
Friday 03 Dec	Finalize project plan					Submit video presentation by 1pm			Alumni day (13:30-16:30)	

Week 49		9	10	11	12	13	14	15	16	17
Monday 06 Dec	Prep JC									
Tuesday 07 Dec	Prep JC									
Wednesday 08 Dec	Journal Club - Precision Medicine ½ class Francesco Marabita, Tom Erkers, Brinton Seashore-Ludlow <i>Parker, Tomtebodavägen 18a</i>						Journal Club - Precision Medicine ½ class Francesco Marabita, Tom Erkers, Brinton Seashore-Ludlow <i>Parker, Tomtebodavägen 18a</i>		JC3 Reflection	
Thursday 09 Dec	9.00-12.00 Bioethics Niklas Juth <i>Please check course schedule for Applied Communication Franklinsalen</i>									
Friday 10 Dec	Individual study time - Exam (10-16 Dec)									

Week 50		9	10	11	12	13	14	15	16	17
Monday 13 Dec	Individual study time - Exam (10-16 Dec)									
Tuesday 14 Dec	Individual study time - Exam (10-16 Dec)					Tutorial for the exam				
Wednesday 15 Dec	Individual study time - Exam (10-16 Dec)									
Thursday 16 Dec	Individual study time - Exam (10-16 Dec)									
Friday 17 Dec	Examination									

Week 51		9	10	11	12	13	14	15	16	17
Monday 20 Dec	Write detailed workflow/protocol draft									
Tuesday 21 Dec	Write detailed workflow/protocol draft									
Wednesday 22 Dec	Write detailed workflow/protocol draft									
Thursday 23 Dec										
Friday 24 Dec										

Submit before 5pm

Week 1	9	10	11	12	13	14	15	16	17
Monday 03 Jan 22		Labster - Lab safety	Finalize the protocol						
Tuesday 04 Jan 22	Perform lab work & Data analysis								
Wednesday 05 Jan 22	Perform lab work & Data analysis								
Thursday 06 Jan 22									
Friday 07 Jan 22	Perform lab work & Data analysis								

Course lab: Scheeles väg 2

<https://goo.gl/maps/Hy4Czofd17A2>

Week 2		9	10	11	12	13	14	15	16	17
Monday 10 Jan 22	Perform lab work, Data analysis & Prepare presentation									
Tuesday 11 Jan 22	Perform lab work, Data analysis & Prepare presentation									
Wednesday 12 Jan 22	Data analysis & Prepare presentation						Exam follow-up			
Thursday 13 Jan 22	<p>9.30-16.00 Presentation of research project + Course council (whole class)</p> <p>Alexander Espinosa, Fredrik Wermeling, Louisa Cheung + Peter Swoboda, Fulya Taylan, Anton Larsson, Rachel Fisher <i>Nils Ringertz, Biomedicum</i></p>									
Friday 14 Jan 22	Finalize and submit report (by 3pm)									