

Schedule Major "Infectious Diseases" SoSe 2016

2nd. Semester (SoSe 16) - Module 2 (Week 9-15): "FOCUS BIOSCIENCES"
June 6th - July 22th 2016 15 CP (CP=Credit Points)

Clayton, Müller, Samstag, Wabnitz, Kubatzky, Dalpke, Eigenbrod

Module 2, (1)		06/06-06/10	
	Lecture *) 8:15am - 09:45am INF230 room20	Seminar	Private study etc.
Mon 06	The mucosal surface: Front line of defence		
Tue	Innate Immunity I: Cells, receptors and how bacteria fight them		
Wed	General concepts and T-cell biology		
Thu	T-cell subsets and their effector functions		
Fri	Antibodies and B-cells		

Module 2, (2)		06/13-06/17	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 13	B-cell biology and disorders of the adaptive immune system		
Tue	Tutorial		
Wed	Signaling in Infection: Chemokines, cytokines		
Thu	Immune defense of infectious organisms: bringing the players together		
Fri	Principles of vaccination		

Module 2, (3)		06/20-06/24	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 20	TUTORIAL		
Tue	Virulence factors - how to arm bacteria		
Wed	Modes of pathogen transmission, life cycles		
Thu	Cell division, gene expression and genetic manipulation		
Fri	Intracellular survival of bacteria		

Module 2, (4)		06/27-07/01	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 27	Intracellular survival of eukaryotic pathogens		
Tue	Parasitic infections		
Wed	TUTORIAL		

Thu	Communication in infection: prokaryotic cell signaling		
Fri	Fungal infections		

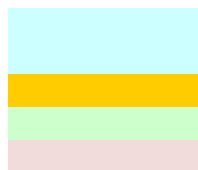
Module 2, Week (5)		07/04-07/08	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 04	Important bacterial infections: selected examples		seminar preparation, private study
Tue	Antigenic Variation and diversity		
Wed	Toxins		
Thu	Toxins		
Fri	development/Cell wall and membrane as drug targets		

Module 2, Week(6)		07/11-07/15	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 11	Nucleotides, redox and cofactors as drug targets		seminar preparation, private study
Tue	Proteins and RNA as drug targets		
Wed	Energy metabolism and unique pathways	Seminar INF325, SR24, 1. floor 10:00am-3:00pm	
Thu		Seminar INF324, SR302, 3. floor 9:00am-2:00pm	
Fri		Seminar INF325, SR24, 1. floor 10:00am-3:00pm	

Module 2, Week (7)		07/18-07/22	
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon 18			Private Study
Tue			
Wed			
Thu			
Fri	Written Examination		

Fri 12.08.2016

retake



Dalpke, Kubatzky, Eigenbrod,
Hildebrand
Müller
Clayton
Samstag, Wabnitz

*) lectures include time for active discussion