

Schedule Major "Infectious Diseases" SoSe 2017

2nd. Semester (SoSe 17) - Module 2 (Week 9-15): "FOCUS BIOSCIENCES"
12.06.-25.08.2017; 15 CP (CP=Credit Points)

Clayton, Douglas, Wabnitz, Kubatzky, Dalpke, Hildebrand

Module 2, (1)			06/12-06/16
	Lecture *) 8:15am - 09:45am INF 230; R 020	Seminar	Private study etc.
Mon			
Tue			
Wed			
Thu	Fronleichnam		
Fri			

Module 2, (2)			06/19-06/23
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	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, (3)			06/26-06/30
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	B-cell biology and disorders of the adaptive immune system		
Tue	Tutorial		
Wed	Principles of vaccination		
Thu	TUTORIAL		
Fri	Virulence factors - how to arm bacteria		

Module 2, (4)			07/03-07/07
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	Communication in infection: prokaryotic cell signaling		
Tue	Signaling in Infection: Chemokines, cytokines		

Wed	Toxins		
Thu	Intracellular survival of bacteria		
Fri	Important Bacterial Diseases - further examples		

Module 2, Week (5)			07/10-07/14
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	Modes of pathogen transmission, life cycles		seminar preparation, private study
Tue	Gene expression and genetic manipulation		
Wed	Intracellular survival of eukaryotic pathogens		
Thu	Antigenic Variation and diversity		
Fri	Parasitic infections		

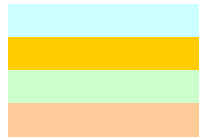
Module 2, Week(6)			07/17-07/21
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	TUTORIAL		seminar preparation, private study
Tue	Fungal infections		
Wed	Antimicrobial drug development		
Thu	Cell wall and membrane as drug targets		
Fri	Nucleotides, redox and cofactors as drug targets		

Module 2, Week (7)			07/24-07/28
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon	Proteins and RNA as drug targets		Private Study
Tue	Energy metabolism and unique pathways		
Wed		Seminar 10:00am - 03:00pm SR28, INF326 2.Floor	
Thu		Seminar 10:00am - 03:00pm SR302, INF324	
Fri		Seminar tba	

Module 2, Week (8)			07/31-08/04
	Lecture *) 8:15am - 09:45am	Seminar	Private study etc.
Mon			Private Study
Tue			
Wed			
Thu			
Fri	Written Examination		

Fri 25.08.2017

retake



Dalpke, Kubatzky, Hildebrand

Ross Douglas

Clayton

Wabnitz

***) lectures include time for active discussion**