PPH Schedule 2023

Week 1: 3.7. – 6.7.2023: Morning lectures take place in the lecture room of the Parasitology unit (02.81)
Week 2 and 3: 10.7. – 20.7.2023: Morning lectures take place in the lecture room of the Apicultural State Institute
Symposia:
S 1: Pathogen meets host
S 2: Host resistance/defense
S 3: Overcoming host defence
S 4: Coevolution and other aspects.

	Monday, 3.7.	Tuesday, 4.7.	Wednesday, 5.7.	Thursday, 6.7.	Friday 7.7.
9:15-10:00	Welcome Introductions (Traynor/ELSA)	Petschenka S1 Insect herbivory	Steidle S1: Parasitoids introduction Movie 'Born to kill'	Traynor S1 Pathogens of honey bees I	Dies academicus
10:15-11:00	Pfitzner S1 Plant virus	"	"	" Formation of groups for teamwork (Traynor)	
11:15-12:00	"	Schilling S1 Animal pathogens	"	Kufer S1 Basic principles of immunity in mammals (end of lecture 13:00)	
12:00-13:15	Lunch				
13.15-14:00	Vögele S1 Bacterial pathogens of plants	Vögele S2: Systemic acquired resistance (lab experiment) (Inst. 360)	Steidle S1 Host finding of parasitoids	Lunch	Dies academicus
14.15-15:00	Vögele S1 Fungal pathogens of plants			**Start at 14:00 sharp**	
15:15-16:00	Vögele S2: Systemic acquired resistance	Mackenstedt / Romig S1 Parasites introduction and lifecycles	"	Hölzle / Seifert /Schilling S1 Lab work Molecular methods to detect microorganisms	
16:15-17:00	Campus walk (Bosch/Andres) Welcome barbecue (from 17:30)				

	Monday, 10.7.	Tuesday, 11.7.	Wednesday, 12.7.	Thursday, 13.7.	Friday, 14.7.
9:15-10:00	Mackenstedt S2 Host resistance to parasites	Commichau S1 Human pathogenic bacteria	Mackenstedt S3 Host adaptations of parasites	Petschenka S4 Sequestration of plant toxins as a driver of insect-plant interactions	Romig S4 Ecology of selected parasites
10:15-11:00	“	“	Mackenstedt S4 Parasite-induced host behaviour	“	“
11:15-12:00	Mid-term evaluation (Bosch/Andres)	Petschenka S3 Insect adaptations to plant toxins	“	Hölzle S3 Host adaptation and immune evasion in haemotrophic mycoplasma	Hölzle/Schilling S4 Virulence mechanisms of bacteria
12:00-13:15	Lunch				
13.15-14.00	Vögele S2 Recognition of plant pathogens	“	Kufer S3 Subversion of immune responses by bacterial pathogens	Excursion to Wilhelma (zoological & botanical garden) Romig	Steidle S4 Host-parasite coevolution
14.15-15.00	Petschenka S2 Plant toxins as a defense	Kufer S2 Innate immune recognition			Pfitzner Tomato mosaic virus
15.15-16:00					

	Monday, 17.7.	Tuesday, 18.7.	Wednesday, 19.7.	Thursday, 20.7.	Friday, 21.7.
9:15-10:00	Commichau S4 Minimal genomes	Teamwork	Presentation and discussion of teamwork-results (Traynor/all) “		
10:15-11:00	Traynor S2 Pathogens of honey bees II	Teamwork		Exam	Departure
11:15-12:00	Hive Demo	Teamwork	Feedback / Discussion about presentations	Exam Final evaluation (online)	
12-13:15	Lunch				
13.15-14:00	Vögele S2: Systemic acquired resistance (lab experiment) (Inst. 360)	Teamwork	Time for preparation of exam	Facultative: Excursion (Andres/Jung) 18:00 Farewell barbecue Presentation of certificates, group photo *(Phytomedicine)*	
14:15-xx	Teamwork				

Euroleague FOR LIFE SCIENCES

UNIVERSITÄT HOHENHEIM

Schedule

Pathogens, Parasites and their Hosts
Ecology, Molecular Interactions and Evolution of Animals, Plants and their Antagonists
Summer School
3 July – 20 July 2023