

**ELLS Summer School “Pathogens, Parasites, and their Hosts” - Preliminary Schedule 2012**

	<b>Montag, 9.7.</b>	<b>Dienstag, 10.7.</b>	<b>Mittwoch, 11.7.</b>	<b>Donnerstag, 12.7.</b>	<b>Freitag, 13.7.</b>
8:30-9:00	Welcome Introductions	S 1: Herbivores (Zebitz)	S 1: Parasites (Mackenstedt)	S 1: Bacteria (Hölzle)	S1: Bacterial pathogens (Fritz-Steuber)
9:00-9:15	Break	Break	Break	Break	Break
9:15-10:00	Herbivores & host plants (Zebitz)	“	“	“	“
10:00-10:15	Break	Break	Break	Break	Break
10:15-11:00	Plant pathogens & hosts (Vögele)	S 1: Bacteria of plants (Vögele)	S2: Host resistance in plant I (Vögele)	“	Parasitoids & hosts (Steidle)
11:00-11:15	Break	Break	Break	Break	Break
11:15-12:00	Parasites & hosts (Mackenstedt)	S 1: Fungi of plants (Vögele)	S2: Systemic acquired resistance (Vögele)	S3: Prions (Hölzle)	S 1: Parasitoids (Steidle)
<b>12:00-13:15</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>
13.15-14:00	Animal pathogens & hosts (Hölzle)	S 1: Plant viruses (Pfitzner)	S 1: Biology of parasites (Romig) (Zoology)	Mid-term evaluation, Formation of groups for teamwork  S1: Synopsis of pathogen strategies (Zebitz, Mackenstedt, Steidle, Hölzle, Pfitzner, Schmidt)	S 2: Host resistance to parasitoids (Steidle)
14.15-	Exploration of Campus Visit Hohenheim Castle  Welcome barbecue (from 18.00) (Phytomedicine, 03.21)	S 2: Tomato mosaic virus in resistant and non-resistant strains (I) (Pfitzner) (Greenhouse, Inst. Genetics. backside of Bio-building, 02.53)			S1: Parasitoid behavior I (Steidle) (Zoology)

**S1:** Symposium 1 – Pathogen meets host; **S 2:** Symposium 2 - Host resistance; **S 3:** Symposium 3 - Overcoming host defence; **S 4:** Symposium 4 - Coevolution.

	<b>Montag, 16.7.</b>	<b>Dienstag, 17.7.</b>	<b>Mittwoch, 18.7.</b>	<b>Donnerstag, 19.7.</b>	<b>Freitag, 20.7.</b>
8:30-9:00	S1: Food-borne bacterial pathogens (Weiss)			S 3: Virulence mechanisms of bacteria (Beyer)	S 3: Host adaptations of parasites (Mackenstedt)
9:00-9:15	Break	Break	Break	Break	Break
9:15-10:00	“	S 2: Host resistance in plants II (Schaller)	S 2: Role of cytokines in the resistance to pathogens (Graeve)	S 3: Host plant adaptations of herbivores (Zebitz)	“
10:00-10:15	Break	Break	Break	Break	Break
10:15-11:00	S 2: Host resistance to parasites (Mackenstedt)	“	“	“	S 3: Host adaptations of parasitoids (Zebitz)
11:00-11:15	Break	Break	Break	Break	Break
11:15-12:00	“	S 2: Pre- and probiotics in pignutrition (Mosenthin)	“	S 3: Adaptations of viruses to hosts (Beyer)	S 4: Resistance genes in plants (Schaller)
<b>12:00-13:15</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>
13.15-14.00	14.00-16.00: Pathogens of the honey bee (Rosenkranz) (Landesanstalt für Bienenkunde)	S 2: Activation of signal pathways by pathogens and cytokines (Graeve) (Students lab Biological Chemistry & Nutrition, Basement Bio I, 02.22)	S 1: Excursion to Wilhelma (zoological & botanical garden) ((Romig / Witzens / Reckhaus))	S 4: Multitrophic level interactions (Steidle)	S 2: Feeding deterrence of plant compounds I (Zebitz) (Phytomedicine)
14.15 -				S 1: Parasitoid behavior II (Steidle) (Zoology)	

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	<b>Montag, 23.7.</b>	<b>Dienstag, 24.7.</b>	<b>Mittwoch, 25.7.</b>	<b>Donnerstag, 26.7.</b>	<b>Freitag, 27.7.</b>
8:30-9:00		S 4: Coevolution in parasite-host systems (Mackenstedt)	Presentation and discussion of teamwork-results	Time for preparation of exam	
9:00-9:15	Break	Break	Break	Break	Break
9:15-10:00	Purification and disinfection (Braun)	“	“	Time for preparation of exam	
10:00-10:15	Break	Break	Break	Break	Break
10:15-11:00	S 4: Ecology of tape worm zoonoses (Romig)	Science and Networking (Braun)	“	exam	Presentation of certificates, group photo, final discussion
11:00-11:15	Break	Break	Break		
11:15-12:00	S 4: Breeding of resistant plants (Pfitzner)	Teamwork	”	exam final evaluation	Departure
<b>12-13:15</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	<b>Lunch Break</b>	
13.15-14:30		S 2: (Vögele) ( <i>Phytomedicine</i> )	Time for preparation of exam	Excursion to Stuttgart	
14:30-16:00		S 2: Feeding deterrence of plant compounds II (Zebitz) ( <i>Phytomedicine</i> )		18:30 Farewell barbecue ( <i>Phytomedicine</i> )	

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