

Block lecture PhD Focus Reproduction (LV 3021)

WS 2021/22

Location: online (MS TEAMS)

90 min lecture, 32 h credit for the complete block, 2 h credit each.

The seminar takes place once per year. It is obligatory for the students of the Focus programme "Reproduction" and for those is acknowledged instead of "Block Seminar VetRes (LV3020)".

It is open to all VetRes students as Elective.

	Topic	Lecturer (Student)
Day 1, 21.02.2022		
8:30–10:00	Embryology, anatomy and histology of the male sexual organs	Brehm
10:15–11:45	Environmental effects on reproduction	Goericke-Pesch
11:45–12:30	lunch break	
12:30–14:00	Preservation of mammalian cells and tissues	Wolkers
14:15–15:45	Reproduction and gamete cryopreservation in laboratory animals	Garrels, Kues
Day 2, 22.02.2022		
8:30–10:00	Biotechnology in reproduction I (Artificial insemination)	Waberski
10:15–11:45	Biotechnology in reproduction II (OPU, ET, IVP)	Sieme
11:45–12:30	lunch break	
12:30–14:00	Biotechnology in reproduction III (sexing, cloning)	Niemann
14:15–15:45	Biotechnology in reproduction IV (Transgenesis, genome editing, genomic selection)	Niemann
Day 3, 23.02.2022		
8:30–10:00	Influence of pregnancy on female reproductive organs	Pfarrer
10:15–11:45	Reproductive disorders in dairy cows I (Metabolism and energy balance)	Breves
11:45–12:30	lunch break	
12:30–14:00	Reproductive disorders in dairy cows II (Gestation, parturition)	Bajcsy
14:15–15:45	Reproductive disorders III (Puerperium)	Bajcsy
Day 4, 24.02.2022		
8:30–10:00	Genetics of reproduction	Distl
10:15–11:45	Models for reproductive research	Klein
11:45–12:30	lunch break	

12:30–14:00	Immunology of reproduction I (Insemination; fertility and immune system)	Schuberth
14:15–15:45	Immunology of reproduction II (Pregnancy and newborns)	Schuberth, Lepenies

Stand: 11.11.2021