Reproduction and biotechnology 2. – lectures
8th semester – 2020/2021. II.
Thursdays from 13:15 – 1x45'
Marek József lecturehall (internal medicine)

1.	11 Febr.	Equine reproduction 1. Physiology of the oestrus cycle. The heat. The seasonality of the oestrus cycle. Puberty. (*L. Solti*.)
2.	18 Febr.	Equine reproduction 2. Anatomy, physiology of the equine genital system. Possibilities and limitations of inducing the first ovulation in the beginning of the breeding season. Oestrus synchronisation in the breeding season. (*L. Solti*.)
3.	25 Febr.	Equine reproduction 3. Equine pregnancy: Characteristics of embryonic and foetal development in the horse. *(B. Vincze)*
4.	4 March	Equine reproduction 4. The endocrinology of the equine pregnancy. Twin pregnancy and its management. *(B. Vincze)*
5.	11 March	Equine reproduction 5. Normal parturition in the mare, hormonal background and methods for induction of parturition. Prediction of parturition. *(A. Horváth)*
6.	18 March	Equine reproduction 6. Onset of cyclic ovarian function after foaling. The foal heat. Reproductive management of the foaling mare. Endocrine tests in equine reproduction. *(A. Horváth)*
7.	25 March	Equine reproduction 7. Reproductive management of breeding studs (operating with natural cover and artificial insemination). *(B. Vincze)*
8.	**26 March Friday from 7:30**	Equine reproduction 8. Reproductive management of breeding studs (operating with natural cover and artificial insemination). *(B. Vincze)*
1 April – Easter Holiday		
9.	8 April	Small animal reproduction 1. Canine reproduction: physiology of the oestrus cycle in the bitch. Physiology and pathology of puberty. Estrus. (*L. Müller*)
10.	15 April	Small animal reproduction 2. Methods for classifying stages of the canine estrous cycle, artificial insemination. (*L. Müller*)
11.	22 April	Small animal reproduction 3. Physiology and diagnosis of pregnancy. (*L. Müller*)
12.	29 April	Small animal reproduction 4. Feline reproduction: estrous cycle, pregnancy, puberty. (*L. Müller*)
13.	6 May	Small animal reproduction 5. Parturition, dystocia, peri- and postpartal diseases. (*L. Müller*)
14.	13 May	Small animal reproduction 6. Cesarean section and introduction to small animal neonatology. (*L. Müller*)
15.	20 May	Small animal reproduction 7. Abnormalities of the oestrus cycle. Pharmacological treatments influencing the oestrus cycle. (*L. Müller*)

Mid-term examinations (written, multi-choice test):

There are 2 mid-term tests in this semester

1. 6th April (Tuesday) 20:00 – 1st – 8th (Equine) lectures
2. 11th May (Tuesday) 20:00 – 9th–13th (Canine) lectures

Retake for both tests: 17th May, Monday 20:00
(Retake is for those students who did not write the test, or who failed it)