Reproduction and biotechnology 2. – lectures
8th semester – 2021/2022. II. – THURSDAYS 1x45'
1-6. Gr.: from 13:15 – Hetzel Henrik lecture hall
7-12. Gr.: from 14:15 – Kemény Armand lecture hall (Physiology)

1.	10 Febr.	Equine reproduction 1. Physiology of the oestrus cycle. The heat. The seasonality of the oestrus cycle. Puberty. (*B. Vincze*)
2.	17 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. (*B. Vincze)*
3.	24 Febr.	Equine reproduction 5. Normal parturition in the mare, hormonal background and methods for induction of parturition. Prediction of parturition. *(A. Horváth)*
4.	3 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)*
5.	10 March	Equine reproduction 3. Equine pregnancy: Characteristics of embryonic and foetal development in the horse. *(B. Vincze)*
6.	17 March	Equine reproduction 4. The endocrinology of the equine pregnancy. Twin pregnancy and its management. *(B. Vincze)*
7.	24 March	Equine reproduction 7. Reproductive management of breeding studs (operating with natural cover and artificial insemination). *(B. Vincze)*
8.	31 March	Equine reproduction 8. Reproductive management of breeding studs (operating with natural cover and artificial insemination). *(B. Vincze)*
9.	7 April	Small animal reproduction 1. Canine reproduction: physiology of the oestrus cycle in the bitch. Physiology and pathology of puberty. Estrus. (*L. Müller*)
14 April – Easter Holiday		
10.	21 April	for **1-6 groups** 07:15-08:00 (am) in the HETZEL: Small animal reproduction 2. Methods for classifying stages of the canine estrous cycle. *(L. Müller)*
11.		for **1-6 groups** – in the usual way: Small animal reproduction 3. Artificial insemination. *(L. Müller)*
10.		for **7-12 groups** – in the usual way: Small animal reproduction 2. Methods for classifying stages of the canine estrous cycle (*L. Müller*)
11.	22 April	for **7-12 groups** 07:15-08:00 (am) in the HETZEL: Small animal reproduction 3. Artificial insemination. *(L. Müller)*
12.	28 April	Small animal reproduction 4. Physiology and diagnosis of pregnancy. *(L. Müller)*
13.	5 May	Small animal reproduction 5. Parturition, dystocia (*L. Müller*)
14.	12 May	Small animal reproduction 6. Peri- and postpartal diseases, introduction to small animal neonatology. (*L. Müller*)
15.	19 May	Small animal reproduction 7. Feline reproduction: estrous cycle, pregnancy, puberty. *(L. Müller)*

Mid-term examinations (written, multi-choice test):
In the week beginning May 9, at a later date agreed upon.

Retake for both tests:
In the week beginning May 13, at a later date agreed upon.
(Retake is for those students who did not write the test, or who failed it)