

Reproduction and biotechnology 2. – lectures
8th semester – 2022/2023. II. – THURSDAYS 1x45' from 13:15
HETZEL HENRIK lecture hall

1.	9 Febr.	Small animal reproduction 1. Canine reproduction: physiology of the oestrus cycle in the bitch. Physiology and pathology of puberty. Estrus. (<i>L. Müller</i>)
2.	16 Febr.	Small animal reproduction 7. Feline reproduction: estrous cycle, pregnancy, puberty. (<i>L. Müller</i>)
3.	23 Febr.	Small animal reproduction 2. Methods for classifying stages of the canine estrous cycle. (<i>L. Müller</i>)
4.	2 March	Small animal reproduction 3. Artificial insemination. (<i>L. Müller</i>)
5.	9 March	Small animal reproduction 4. Physiology and diagnosis of pregnancy. (<i>L. Müller</i>)
6.	16 March	Small animal reproduction 5. Parturition, dystocia (<i>L. Müller</i>)
7.	23 March	Small animal reproduction 6. Peri- and postpartal diseases, introduction to small animal neonatology. (<i>L. Müller</i>)
8.	30 March	Equine reproduction 1. Physiology of the oestrus cycle. The heat. The seasonality of the oestrus cycle. Puberty. (<i>B. Vincze</i>)
<i>6 April – Easter Holiday</i>		
9.	13 April	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. (<i>B. Vincze</i>)
10.	20 April	Equine reproduction 3. Equine pregnancy: Characteristics of embryonic and foetal development in the horse. (<i>B. Vincze</i>)
11.	27 April	From 7:15 in the HETZEL Equine reproduction 4. The endocrinology of the equine pregnancy. Twin pregnancy and its management. (<i>B. Vincze</i>)
10.		Normal time Equine reproduction 7. Reproductive management of breeding studs (operating with natural cover and artificial insemination). (<i>B. Vincze</i>)
11.	4 May	Equine reproduction 6. Onset of cyclic ovarian function after foaling. The foal heat. Reproductive management of the foaling mare. Endocrine tests in equine reproduction. (<i>A. Horváth</i>)
12.	11 May	Equine reproduction 5. Normal parturition in the mare, hormonal background and methods for induction of parturition. Prediction of parturition. (<i>A. Horváth</i>)
13.	18 May	Equine reproduction 8. Reproductive management of breeding studs (operating with natural cover and artificial insemination). (<i>B. Vincze</i>)

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

In the week beginning, at a later date agreed upon.

Retake for both tests:

In the week beginning, at a later date agreed upon.

(Retake is for those students who did not write the test, or who failed it)