<table>
<tr><td colspan="3">Reproduction and biotechnology 2. – lectures
8th semester – 2023/2024. II.
TUESDAYS 2x45' from 15:15 – MAREK lecture hall (Internal med.)</td></tr>
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1.	6 Febr.	Small animal reproduction 1. Canine reproduction: physiology of the oestrus cycle in the bitch. Physiology and pathology of puberty. Estrus. 2. Methods for classifying stages of the canine estrous cycle. *(L. Müller)*
2.	13 Febr.	Small animal reproduction 3. Artificial insemination. 4. Physiology and diagnosis of pregnancy. *(L. Müller)*
3.	20 Febr.	Small animal reproduction 5. Parturition, dystocia 6. Peri- and postpartal diseases, introduction to small animal neonatology. *(L. Müller)*
4.	27 Febr	Small animal reproduction 7. Feline reproduction: estrous cycle, pregnancy, puberty. (L. Müller)
5.	5 March	Equine reproduction 1. Physiology of the oestrus cycle. The heat. The seasonality of the oestrus cycle. Puberty. 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)*
6.	12 March	Equine reproduction 3. Equine pregnancy: Characteristics of embryonic and foetal development in the horse. 4. The endocrinology of the equine pregnancy. Twin pregnancy and its management. *(B. Vincze)*
7.	19 March	Equine reproduction 5. Normal parturition in the mare, hormonal background and methods for induction of parturition. Prediction of parturition. 6. Onset of cyclic ovarian function after foaling. The foal heat. Reproductive management of the foaling mare. Endocrine tests in equine reproduction. *(A. Horváth)*
		26 March – Easter Holiday
8.	2 April	Equine reproduction 7. Reproductive management of breeding studs (operating with natural cover and artificial insemination). *(B. Vincze)*

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

25, April – Thursday – 7:15 – Hetzel, Tormay

Retake midterm:

2, May – Thursday – 7:15 – Hetzel

(Retake is for those students who could not write the test (because of disease or shift), or who failed it.)