

Obstetrics 3. 2020 Fall

Program of Lectures for the English Course 9th Semester:

Andrology, Artificial Insemination and Other Techniques of Assisted Reproduction
MONDAYS from 11:15 in the “Urbányi László auditorium” (chemistry)

1.	14, Sept. 1-4. gr.	Embryo transfer I. History and practical application of biotechnology in animal reproduction. (Importance, principles. Multiple ovulation) (<i>Solti, L.</i>)
2.	21, Sept. 5-8.gr.	Basic principle of Embryo freezing. Embryo freezing techniques. (<i>Solti, L.</i>)
3.	28, Sept. 1-4. gr.	Embryo transfer II. (Embryo recovery in different species. The morphological evaluation of recovered embryo) (<i>Solti, L.</i>)
4.	5, Oct. 5-8.gr.	Embryo transfer III. (Surgical and non-surgical methods for transfer of embryos in cattle and other species). (<i>Solti, L.</i>)
5.	12, Oct. 1-4. gr.	Embryo transfer IV. (micromanipulation of embryos) (<i>Solti L.</i>)
6.	19, Oct. 5-8.gr.	Principles of further advanced techniques in reproductive biotechnology. (sexdetermination; production of sex-sorted semen; cloning; gene manipulation techniques; production of transgenic animals) (<i>Solti L.</i>)
7.	26, Oct. 1-4. gr.	Structure of the male reproductive organs. Neuroendocrine regulation of the male reproduction. Endocrine and exocrine function of the testicles. Thermoregulation of the testis. (<i>Cseh S.</i>)
8.	2, Nov. 5-8.gr.	Physiology and pathology of epididymis and accessory sexual glands. The contagious epidymiditis and orchitis of rams. (<i>Cseh, S.</i>)
9.	9, Nov. 1-4. gr.	Artificial insemination. I. Semen collection, evaluation, dilution, and cryopreservation. (<i>Cseh S.</i>)
10.	16, Nov. 5-8.gr.	Artificial insemination II. (cattle, pig, small ruminants) (<i>Cseh, S.</i>)
11.	23, Nov. 1-4. gr.	Artificial insemination III. (rabbit, horse) (<i>Cseh, S.</i>)
12.	30, Nov. 5-8.gr.	Artificial insemination IV. (dog and cat) (<i>Cseh, S.</i>)
13.	7, Dec. 1-4. gr.	Infertility in males. The contagious epididymiditis and orchitis of rams. (<i>Cseh, S.</i>)
14.	14, Dec. 5-8.gr.	Guest lecturer – to be determined later <i>Guided by S. Cseh</i>