

SLUkurs

Syllabus

PVS0122 Comparative Reproductive Endocrinology, 2.0 credits

Syllabus approved

2015-05-06

Subjects

Clinical Science

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

Students admitted to a postgraduate program in animal science, biology, medicine, veterinary medicine, food science, nutrition, nursing, or related subjects, or to a specialist training program (e.g. resident) or equivalent within the same subjects.

Objective, including learning outcomes

The aim of the course is to enhance the knowledge and understanding of reproductive endocrinology in vertebrate animals and humans

After completing the course the student shall be able to:

- 1) Explain basic control of reproductive endocrinology
- 2) Describe basic endocrinology in female and male reproduction
- 3) Describe different types of methods for hormone analyses including advantages and disadvantages
- 4) Explain the concept of endocrine disruption
- 5) Discuss comparative aspects of reproductive endocrinology
- 5) Discuss aspects of reproductive endocrinology in relation to the student's own work

Content

Endocrine control of puberty, ovaries, testis, uterus, , implantation/ placentation, pregnancy and parturition.

Comparative aspects of reproductive endocrinology in humans and animals will be covered. The course will include lectures, group discussions and student presentations. A preliminary schedule is attached.

Requirements for examination

Successful completion requires 80 % attendance, active participation in group discussions and during lectures, and a presentation of student's own research.

Additional information

Send your application to bodil.strom-holst@slu.se before October 1, 2015. The application should include a brief (1/4 A4) description of research field and your interest in reproductive endocrinology. It should also include name and affiliation and undergraduate degree.

Further information from course organizers:

Anneli Stavreus-Evers: Anneli.Stavreus-Evers@kbh.uu.se

Bodil Ström Holst: Bodil.Strom-Holst@slu.se

Responsible department

Department of Clinical Sciences