

THE USE OF ANIMALS IN RESEARCH:  
COURSE FOR PERSONS CARRYING OUT PROCEDURES (2-3 CREDITS)

**Program October 2020**

100% attendance at the course, in lectures and exercises.

Lectures start at 15 min past the hour.

**Monday 19<sup>th</sup> October 2020**

ZOOM

8-9 Introduction – *Niina Kemppinen*

9-11 National and European legislation (Module 1) - *Niina Kemppinen*

11-12 LUNCH

12-13 Ethics and 3Rs (Module 2) - *Niina Kemppinen*

13-16 Comparative physiology and anatomy, basic biology of rats and mice and use in research, handling (Module 3.1) - *Anna Meller*

**Tuesday 20<sup>th</sup> October 2020**

ZOOM

9-10 Genetic aspects of laboratory animals (Modules 3.1, 4.10.) - *Niina Kemppinen*

10-12 Genetically modified (GM) animals (Modules 3.1, 4.11) - *Fuping Zhang*

12-13 LUNCH

13-15 Handling and procedures (Module 7) - *Anna Meller*

**Wednesday 21<sup>st</sup> October 2020**

ZOOM

8-10 Husbandry, care, enrichment, welfare, (Modules 2 and 4) - *Niina Kemppinen*

10-11 Nutrition (Module 4) - *Niina Kemppinen*

11-12 Transportation (Module 4) - *Niina Kemppinen*

12-13 LUNCH

13-15 Animal health management, pathogens (Module 4) - *Karoliina Alm*

15-16 HiLAPS/FCLAP – Histotechnology and Laboratory Animal Pathology Services in HiLIFE (Module 4) – *Jere Lindén*

**Tuesday 27<sup>th</sup> October 2020**

ZOOM

9-12 Pain, distress, analgesia, **pain exercise** (Module 5) - *Anna Meller*

12-13 LUNCH

13-14 Project license - *Anna Meller*

14-16 Basic design of procedures and projects (Module 10) - *Vootele Voikar*

**Wednesday 28<sup>th</sup> October 2020**

ZOOM

9-10 Occupational health and safety (Module 4.13) - *Niina Kemppinen*

10-12 Anaesthesia and euthanasia (Modules 6.1, 20, 21) - *Anna Meller*

12-13 LUNCH

13-15 Anaesthesia and euthanasia (Modules 6.1, 20, 21) - *Anna Meller*

**Thursday 29<sup>th</sup> October 2020**

ZOOM

9-12 Perioperative care, hygiene, working in surgical theatre (Module 22) - *Anna Meller*

The course is accredited by FELASA

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**WEEKS 45 and 47**

F-BUILDING, procedure room 106

9-16 Practical exercises with **RATS and/or MICE**; handling, anaesthesia, procedures, euthanasia  
(Modules 3.2, 6.2, 8)

**Monday 23<sup>rd</sup> November 2020**

TBA

9-12 Examination

Issues of the module 11.19 include in several lectures and exercises of the course.

**Lecture halls - address:**

F-BUILDING – Mustialankatu 1G

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