Animal Experimentation: Course plan 2024

Time: 19.03. 2024- 22.03. 2024

Place: Department of Animal and Veterinary Sciences, AU-Campus Viborg,
Blichers Allé 20, 8830 Tjele

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| Date | Time | Lecture/practical | Teacher |
| **Day 1, Tuesday**  |  |  |  |
| 19/03 | 9.00-9.20 | Introduction, learning goals, and practical information | RE |
| 19/03 | 9.30-10.30 | Ethics, 3 R, alternatives, human endpoints | HNL |
| 19/03 | 10.45-12.00 | Legislation | HNL  |
|  | 12.00-12.45  | LUNCH |  |
| 19/03 | 13.00-16.00 | Blood sampling Pigs (SB 32)Cattle (DKC, Burrehøjvej)Poultry (dissection room D23) | EMSTNJSLP/RE |
| **Day 2, Wednesday** |  |  |  |
| 20/03 | 8.30-9.15 | Nociception and pain | CAW |
| 20/03 | 9.15-10:30 | Anaesthesia and analgesia in experimental animals | RE |
| 20/03 | 10.45-12.15 | Severity assessment, cases | MHS |
|  | 12.15-12.45 | LUNCH |  |
| 20/03 | 12.45-13.30 | Breeding and reproduction of experimental animals | HCA |
| 20/03 | 14.00-16.30 | Practical rodents, ratRodent facility (D23) | KTH |
| **Day 3, Thursday** |  |  |  |
| 21/03 | 8.30-9.15 | Use and selection of animal models and nutrition of experimental animals | HNL |
| 21/03 | 9.30-11.00 | Models to study digestion, absorption and metabolism in the pig | HNL |
| 21/03 | 11.00-12.00 | Handling and training of experimental animals | JMK |
| 21/03 | 12.00-12.45 | LUNCH |  |
| 21/03 | 12.45-13.45 | Diseases and monitoring of experimental animals | RE |
| 21/03 | 14.00-16.30 | Anaesthesia and surgery in pigs, Surgery room | EMS, HNL, RE |
| **Day 4, Friday** |  |  |  |
| 22/03 | 8.30-10.00 | Behaviour and welfare of experimental animals | MHS |
| 22/03 | 10.15-11.00 | Environmental factors in animal experiments | MHS |
| 22/03 | 11.00-12.00 | Group work on application for animal experiments  | RE, MHS |
| 22/03 | 12.00-12.45 | LUNCH |  |
|  | 12.45-13.45 | Group work on application for animal experiments  | RE, MHS |
| 22/03 | 14.00-15.00 | EXAM (written) | RE |

**Literature:**

Sarah Wolfensohn and Maggy Lloyd 2013. Handbook of Laboratory Animal Management and Welfare, 4. Edition, Wiley-Blackwell.

Forsøgsdyrkundskab - En håndbog om forsøgsdyr og dyreforsøg (paperback, dansk), Forfattere: Grete Østergaard, Klas Abelson, Dorte Bratbo Sørensen, Axel Kornerup Hansen, Thomas C. Krohn, ISBN-13: 9788740938692.

**Teachers:**

RE = Ricarda Engberg (Course responsible) ricarda.engberg@anivet.au.dk

CAW= Cathrine Williams catherine.williams@anivet.au.dk

HNL = Helle Nygaard Lærke hellen.laerke@anivet.au.dk

MHS = Mette S. Herskin mettes.herskin@anivet.au.dk

HCA = Henrik Callesen henrik.callesen@anivet.au.dk

JMK = Jens Malmkvist jens.malmkvist@anivet.au.dk

KTH = Kathrin Hinz kth@biomed.au.dk

TNJ = Torkild Nyholm Jakobsen

EMS= Emilie Sommerlund

LRD = Lene Rosborg Dal

**Location:**

**Lectures**: Meeting room 4/located close to the main entrance

**Practicals:** Rodents: Rodent facilities D23 (ANIVET)

Pigs: Surgery room D23 (ANIVET)

Chicken: Dissection room D23 (ANIVET)

Cattle: DKC, Burrehøjvej