**Experimental animals – animal experiment course**

**Level „A”**

**31 March – 2 April 2025**

|  |  |  |  |
| --- | --- | --- | --- |
| **Day** | **Time** |  | **Title and speaker** |
| 31 March  Monday | 8:30-9:15 | 1h | Introduction  Dr. Györgyi Szabó |
| 9:30-11:00 | 2h | Recognition of pain, suffering and stress; General rules of anaesthesia and analgesia. Humane endpoints and euthanasia  Dr. Domokos Csukás  Handling and treatment routes of the laboratory animals. Health care of the laboratory animals.  Dr. Domokos Csukás |
| 11:15-12:00 | 1h | Monitoring, recording, registering the vital signs of the laboratory animals  Dr. Domokos Csukás |
| LUNCH BREAK | | |
| 12:45-14:15 | 2h | Experiments and models based on the behaviour of the laboratory animals  Dr. Júlia Tímár |
| 14:30-16:00 | 2h | Hygienic status levels of animal facilities, organizing a SPF transgenic breeding facility  Dr. Domokos Csukás |
| 1 April  Tuesday | 8:30-10:00 | 2h | Anatomy of the rodents  Dr. Domokos Csukás |
| 10:15-11:45 | 2h | Anatomy of rabbits, dogs and pigs  Dr. Domokos Csukás |
| LUNCH BREAK | | |
| 12:30-14:00 | 2h | Basic physiology of the laboratory animals  Dr. Domokos Csukás |
| 14:15-15:45 | 2h | Nutrition of the laboratory animals  Dr. Domokos Csukás |
| 2 April  Wednesday | 8.30-10:00 | 2h | Legal framework of animal procedures, housing and care in Hungary  Dr. István Gyertyán |
| 10:15-11:00 | 1h | Replacement, Reduction and Refinement  Dr. Györgyi Szabó |
| 11:00-11:45 | 1h | Humans and animal relations, ethics; Perspectives and limitations of animal usuage for scientific purpose. Animal welfare; Hungarian and foreign organisations  Dr. Györgyi Szabó |
| LUNCH BREAK | | |
| 12:30-14:00 | 2h | Breeding and genetics of GA mice  Dr. Ferenc Erdélyi |
|  | 14.15-15.00 | 1h | Theoretical background and importance of animal experiments. Definition of laboratory animal. Environmental enrichment  Dr. Györgyi Szabó |