**Annex 5: Animal experimentation (Art.115, 129b para.1, para.1, 134 AniWO)**

**Details of the content and scope of the continuing education**

based on the **Ordinance on Training Qualifications in Animal Husbandry and Animal Care** (Art. 18 – 29 OTQAn)

| **Subject area** | **Practice/ Theory** | **Title of the programme item** | **Time in hours** |
| --- | --- | --- | --- |
| **General (all)** | | | |
| Indications/behavioural abnormalities with fear, stress, suffering, illness, excitation |  |  |  |
| Constitution and functioning of the animal, professional slaughter |  |  |  |
| Care, feeding, breeding, husbandry, normal behaviour, needs, behavioural observation and considerate handling of/with experimental animals |  |  |  |
| Ethical fundamentals, animal dignity |  |  |  |
| Health monitoring, most important experimental animal diseases, prevention of infectious diseases |  |  |  |
| Housing requirements, design of a housing environment, housing in barrier systems |  |  |  |
| Hygiene (enclosures, space, material, staff) |  |  |  |
| Accountability, obligations, responsibilities of the staff who care for the animals |  |  |  |
| Breeding methods, laboratory animal strains, genetic standardisation/ characterisation |  |  |  |
| Additional targeted further education |  |  |  |
| **Only for heads of laboratory animal facilities (Art. 115)** | | | |
| Application of substances, sampling, tagging experimental animals |  |  |  |
| Weighing/gender determination |  |  |  |
| Working hygienically |  |  |  |
| Pain assessment, stress identification, reducing stress (analgesics, termination criteria) |  |  |  |
| **Only for resource managers (Art.129b para 1) as well as study directors (Art. 132 para. 1)** | | | |
| 3R-Principle |  |  |  |
| Legislation, specific provisions for animal experimentation |  |  |  |
| Pain assessment, stress identification, reducing stress (analgesics, termination criteria) |  |  |  |
| Anaesthesia, anaesthetic techniques, verifying effectiveness |  |  |  |
| Biometrics, statistical methods, experimental design, analysis and interpretation |  |  |  |
| Gnotobiology |  |  |  |
| Fundamentals of good laboratory practice |  |  |  |
| National and international provisions on the registration of medicinal products, biologica and chemicals |  |  |  |
| Influence of infectious diseases or medication on the experimental results |  |  |  |
| Choice of suitable animal species, strains and lineage as a function of experimental design |  |  |  |
| **Only for persons conducting an experiment (Art. 134)** | | | |
| 3R-Principle |  |  |  |
| Application of substances, sampling, tagging experimental animals |  |  |  |
| Weighing/gender determination |  |  |  |
| Legislation, specific provisions for animal experimentation |  |  |  |
| Hygienic working |  |  |  |
| Anaesthesia, anaesthetic techniques, verifying effectiveness |  |  |  |
| **Total hours of relevant lectures:**  **Note**  **At least 3 hours, resp. 6 hours of relevant programme items are required for the recognition of a 1/2 day, resp. 1 day of continuing education.** | | |  |