

BASEL DECLARATION AWARD FOR EDUCATION IN ANIMAL RESEARCH

The Basel Declaration Society is delighted to be able to offer a researcher the opportunity to take part in the following course for animal experiments according to the latest legal standards in Switzerland and the EU.

Introductory Course in Laboratory Animal Science, 5 days (EU Functions A, C, D and Modules 10, 20, 21, former title: FELASA category B accredited)

This course teaches the technical knowledge and practical skills necessary for responsible and careful handling of laboratory animals. In this course the Basel Declaration Awardee will learn how to handle rodents and rabbits and familiarize her/himself with the basics of the relevant animal research techniques used.

Content

Theoretical part:

- Ethics and legislation
- Anesthesia and pain alleviation
- Nutrition, transport and husbandry – Biostatistics
- Health
- Breeding
- Transgenic techniques
- Pain assessment and Humane Endpoints
- 3R und alternative methods

Practical part:

- Handling with mice and rats
- Restraining methods
- Applications
- Observation of normal behavior
- Behavioral abnormalities
- Anesthesia (Inhalation / Injection)
- Collection of samples (blood)
- applied 3Rs (Refine)
- Identification
- Euthanasia

In addition, course participants will be introduced to all important aspects of animal welfare before, during and after an animal experiment, so that they can incorporate this knowledge into their day-to-day laboratory work. Theory and practice are closely linked and the acquired knowledge and practical skills will be assessed in a final examination. A conformation that you have successfully attended the course will entitle you to conduct experiments with laboratory animals and:

- Teach basic knowledge of the characteristics, needs, husbandry and breeding of animals
- Assess health status and diseases in different rodents.
- Teach the principles of 3R (reduce, refine, replace).
- Handle and restrain different laboratory animals.

- Recognize normal and abnormal behavior and phenotypes.
- Become familiar with techniques to study laboratory animals (e.g. administration of substances and sampling).
- Administer anesthetics and monitor anesthesia and pain management.

Venue: University of Zurich, Irchel Campus, Institute of Laboratory Animal Science

Date: August 12 – 16, 2019 / 40 hours (20h theory + 20h practice) / 8.30h – 18.30h, language: English

Course costs: will be covered by the Basel Declaration Society

Travel costs: will be paid by the participant or his/her university.

Cost of accommodation will usually be paid by the participant himself or his/her university. The Basel Declaration Society will assist in the search for low-cost accommodation.

Eligibility: The awardee must hold a postgraduate qualification (PhD or higher) in the life sciences. Within 2 years after successfully completing the course, the awardee must organize such a course at his/her home university/research institute to train people who will conduct animal experiments in accordance with the legal requirements in his/her home country or must take an active role in the establishment of such courses at their home institution/country. These courses should be repeated at regular intervals and become part of the studies offered in the fields of life sciences and/or biomedicine at the home university. The awardee must be a signatory of the Basel Declaration and member of the Basel Declaration Society and his/her home university should support the principles of the Basel Declaration. The awardee will write a report to be included in the reports of the Basel Declaration Society after the organization of the first course.

In addition to their complete CV and letter of motivation, applicants must submit **a letter of recommendation and support by their home university and/or head of their research institute.** The awardee will be selected by the Board of the Basel Declaration Society.

All application documents (as a PDF file) must be sent as soon as possible, but in any case, **before June 21, 2019** to the following email address: contact@basel-declaration.org

Applicants will be notified of the outcome of the selection process.