

*Biomedical Research*

# Basic training course in laboratory animal science, mouse module

## Content

### Theory (1st day):

- National legislation for animal experiments
- Biology of the mouse
- Handling, restraining and marking
- Genetics and breedings
- Application of substances
- Humane killing and sampling
- Housing, hygiene and health monitoring
- Analgesia
- Anaesthesia
- 3R-concept

### Practical training (2nd day):

- Introduction
- Handling
- Anaesthesia
- Application techniques: Intraperitoneal application, oral application, subcutane application
- Bleeding techniques: Vena facialis, Vena caudalis mediana
- Final blood sampling technique
- Euthanasia: Cervical luxation, autopsy

**Teaching and learning method:** theory and practice

**Language of instruction:** English

**Target audience:** Scientists in the fields of human-, veterinary- and dental medicine, as well as other persons who wish to acquire or have to prove the required expertise to perform animal experiments, and also animal care personnel who wish to deepen their expertise. The focus of this course is on the animal species mouse.

**Entrance qualifications:** Evidence of future work with animals for scientific purposes

**Costs: (learning material & snacks included):**

- a) EUR 295,- Employees & students of Med Uni Graz
- b) EUR 385,- Members of other universities
- c) EUR 475,- Industry

**DFP:** 14 points

**Registration:** until 23.04.2021

**Lecturer:** Univ. Prof. Dr. Hermann Dietrich

**Tutors:** Rauter Günther, Ing. Gabriela Kollegger, , Gerald Ritter, Victoria Schiffer, MSc., MSc.

**Date:** May 10<sup>th</sup> 2021 (08:00 to 17:00)  
May 11<sup>th</sup> 2021 (08:00 to 13:00)

**Location:** Biomedizinische Forschung (BMF), Roseggerweg 48, A-8036 Graz, BMF seminar room

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