

Practical and seminar

“Instruction in Laboratory Animal Science”

This course is intended to impart basic knowledge of laboratory animal science with focus on laboratory rodents. It includes lectures on the following topics:

1. Introduction to Laboratory Animal Science and the 3R Principle
2. Legal Basis for Animal Experiments in Germany
3. Biology of Laboratory Rodents
4. Pain – Suffering – Harm in Experimental Animals
5. Analgesia and Anaesthesia
6. Conducting Animal Experiments
7. Application and Sample Techniques
8. Basic Surgical Techniques

In addition, the following practical training will be conducted on laboratory rodents

9. Handling
10. Applications and Blood Collection
11. Survival Surgery

The course is completed by a written exam.

For more information, please contact the Animal Welfare Officer of the Ruhr-Universität,
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