

## **Lecture series**

# **“Alternatives to Animal Testing”**

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

1. Introduction to Laboratory Animal Science and the 3R Principle
2. Legislative Regulations for Animal Protection
3. Pain – Suffering – Harm in Experimental Animals
4. Analgesia, Anaesthesia, Euthanasia
5. Alternatives to Animal Testing

The course is completed by a written exam.

The course is part of the Module “Toxicological In Vitro Techniques and Replacements for Animal Experiments”.

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