

Animal Welfare Course G

Training course for registered persons performing animal experiments and for study directors

Testing of different Species and Assessment of Effects to the Environment (Risk)

Tuesday, October 22, 2019

Course Focus:

- **Effects:**
 - Ecotoxicological Test Methods: Test methods used as basis for environmental risk assessment
 - Intra- and Inter- Species Comparisons: Comparison of test results between labs and species
 - Higher Tier Studies with Realistic Exposure: Examples with practical pulse dose study
 - Parameters affecting Toxicity: Effects of concentration, exposure duration (acute and chronic), endpoints and mode of action with practical examples
- **Exposure:**
 - Exposure calculation with practical examples
- **Risk Assessment:**
 - Principle of approaches, exposure and effects estimation
- **Classification:**
 - Hazard & Risk, Hazard & Classification
- **Risk Assessment, Environmental Impact Scoring:**
 - Explanation of Environmental Impact Scoring
 - Case Studies: Do your own environmental risk assessments for known substances

Duration, Purpose and Language of Course:

The course will take place from 0915 to 1800h. It is regarded as a one day advanced training course by the Swiss authorities. The course is adapted to registered persons performing animal experiments as well as to study directors. The course language is English or German depending on the audience.

Organisational Information:

Lead & Instructor: Dr. Hans Rufli, **ecotoxsolutions**, Basel

Registration: rufli@ecotoxsolutions.com

Costs: Fr.700.- including pdf-files of the presentations sent prior to the course. Handouts in a file handed out at the start of the course can be organized on demand.
Fruits, croissants, sweets and mineral water will be offered during the course.

Location: **ecotoxsolutions**, meeting room R-1095.327
Entrance Rosental: Port 1047, Mattenstrasse 24a (Tram stop „Gewerbeschule“). I will wait at Port 1047 and guide the participants to the meeting room.

Access: By car: Exit motorway “Badischer Bahnhof”, parking place “Parkhaus Badischer Bahnhof”, Schwarzwaldallee 160 (ca. 300 m distance)
By train: Basel „Badischer Bahnhof“ (10 min walk to port 1047), or „Bahnhof SBB“ (tram 2, direction „Riehen“ until stop „Gewerbeschule“) (5 min walk to port 1047).

Certificate: A written certificate will be handed out at the end of the course. This certificate will have to be shown to the Swiss authorities on request.

Programme Animal Welfare Course G

Tuesday, October 22, 2019

Time	Topics
0915-0930	Welcome, General Introduction
0930-1200	Effects: Ecotoxicological Test Procedures for Risk Assessment Intra- and Inter- Species Comparisons Parameters Affecting Toxicity and Case Study Predicting Long-Term Toxicity Higher Tier Studies with Realistic Exposure Practical Pulse Dose Example
1200-1300	<i>Lunch</i>
1300-1415	Exposure: Exposure and Test Methods Calculation of Initial Exposure for Agrochemical and Pharmaceutical Substances
1415-1615	Risk: Predicted No Effect Concentration PNEC and Assessment Factors AF Special Case DMI-Fungicides Save Environmental Concentrations, Species Sensitivity Distribution SSD
1615-1645	Classification: Hazard & Risk, Hazard & Classification
1645-1730	Risk Assessment, Environmental Impact Scoring: Explanation of Environmental Impact Scoring Case Studies
1730-1800	Course Evaluation and Final Review