

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)

Monday & Tuesday, November 8 & 9, 2021

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 as Video-course on two afternoons each from 1300 to 1700h using Zoom. 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 ca. 1 week prior to the course.

Your Video Equipment: "Zoom" should be installed on your Laptop/PC (<https://zoom.us/download> = English). Microphone and camera should be available as well. At 12h on the days of the course, an invitation link will be sent to your desired email-address previously announced to me. By clicking this link, you will be in the meeting.

Certificate: A written certificate will be handed out as soon as I get your feedback on the course. This certificate will have to be shown to the Swiss authorities on request.

Programme Animal Welfare Course G

Time	Topics
	<i>Day 1</i>
1300-1315	Welcome, General Introduction
1315-1530	<p>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</p>
1530-1700	<p>Exposure: Exposure and Test Methods Calculation of Initial Exposure for Agrochemical and Pharmaceutical Substances</p>
	<i>Day 2</i>
1300-1330	<p>Exposure Continuation: Exposure and Test Methods Calculation of Initial Exposure for Agrochemical and Pharmaceutical Substances</p>
1330-1500	<p>Risk: Predicted No Effect Concentration PNEC and Assessment Factors AF Special Case DMI-Fungicides Save Environmental Concentrations, Species Sensitivity Distribution SSD</p>
1500-1530	<p>Classification: Hazard & Risk, Hazard & Classification</p>
1530-1630	<p>Risk Assessment, Environmental Impact Scoring: Explanation of Environmental Impact Scoring Case Studies</p>
1630-1700	Course Evaluation and Final Review