

## 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, September 23 & 24, 2024

#### 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 mornings each from 0800 to 1200h 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.

#### Organisational Information:

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

*Registration:* [rufli@ecotoxsolutions.com](mailto: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. Before 0800h 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. This certificate will have to be shown to the Swiss authorities on request.

## Programme Animal Welfare Course G

Time	Topics
	<i>Day 1</i>
0800-0815	Welcome, General Introduction
0815-1030	<p><b>Effects:</b>            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>
1030-1200	<p><b>Exposure:</b>            Exposure and Test Methods            Calculation of Initial Exposure for Agrochemical and Pharmaceutical Substances</p>
	<i>Day 2</i>
0800-0830	<p><b>Exposure Continuation:</b>            Exposure and Test Methods            Calculation of Initial Exposure for Agrochemical and Pharmaceutical Substances</p>
0830-1000	<p><b>Risk:</b>            Predicted No Effect Concentration PNEC and Assessment Factors AF            Special Case DMI-Fungicides            Save Environmental Concentrations, Species Sensitivity Distribution SSD</p>
1000-1030	<p><b>Classification:</b>            Hazard &amp; Risk, Hazard &amp; Classification</p>
1030-1130	<p><b>Risk Assessment, Environmental Impact Scoring:</b>            Explanation of Environmental Impact Scoring            Case Studies</p>
1130-1200	Course Evaluation and Final Review