

## 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 24, 2017

#### Course Focus:

- Ecotoxicological Test Procedures: The various test methods used as basis for the environmental risk assessment
- Intra- and Inter- Species Comparisons: Comparison of test results between labs and species
- Higher Tier Studies: 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
- Environmental Exposure: Exposure calculation with practical examples
- Environmental Risk Assessment: Principle of approaches, exposure and effects estimation
- Case Study: 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](mailto: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 (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, or „Parkhaus Messe Basel“, Riehenstrasse 101 (ca. 300 m distance each)  
By train: Basel „Badischer Bahnhof“ (5min walk to port 1047), or „Bahnhof SBB“ (tram 2, direction „Riehen“ until stop „Gewerbeschule“)

*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.

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<b>Time</b>	<b>Topics</b>
0915-0930	Welcome, General Introduction
0930-1020	Ecotoxicological Test Procedures for Risk Assessment
1020-1040	Intra- and Inter- Species Comparisons
1040-1120	Higher Tier Studies and Practical Pulse Dose Example
1020-1210	Parameters Affecting Toxicity and Case Study
1210-1310	<i>Lunch</i>
1310-1410	Environm. Risk Assessment: Principle of Approaches, Exposure and Effects
1410-1440	Estimation of Initial Exposure and Case Studies
1440-1510	PNEC-Derivation according to REACH
1510-1730	Risk Assessment by Environm. Impact Scoring and Case Studies
1730-1800	Course Evaluation and Final Review