

## Animal Welfare Course D2 updated

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

### **How to best conduct aquatic ecotoxicity tests according to the International Guidelines**

*Friday, November 8, 2019*

#### **Course Focus:**

**Successful Testing of Fish including Case Studies with Reactions of the Authorities:** Guidance on how to perform the tests, optimal conditions for test organisms, how to produce scientifically valid studies accepted by the authorities in the EU, US and Japan. What to pay attention.

**Successful Testing of Daphnia (incl. other invertebrates) and Algae:** Guidance on how to perform the tests, optimal conditions for test organisms, how to produce scientifically valid studies accepted by the authorities in the EU, US and Japan. What to pay attention.

**Data Reporting:** Guidance on a scientifically meaningful expression of toxicity data, examples of reported data based on study designs producing misleading results, example of summary reports, list of questions on reporting to be discussed. What to pay attention to.

**Case Studies:** Practical exercise based on an acute fish test with a 'difficult to test substance' will illustrate reporting needs and deficiencies. Examples will be discussed on how to best report results of aquatic ecotoxicology studies.

#### **Duration, Purpose and Language of Course:**

The course will take place from 0915 to 1800h. It will be regarded as a one day further education course by the Swiss authorities or as part of the basic course for persons performing experiments with fish in the context of MODUL 20 ECOTOX corresponding to FELASA-B (MODUL 20 ECOTOX as basic course consists of a total of six courses A, B1, B2, B3, D2 and P: theoretical and practical education of at least 40 hours). The course is adapted to registered persons performing animal experiments as well as for 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 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.

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Friday, November 8, 2019

Time	Detailed Topics to be Presented
0800-0845	<b>General Introduction:</b> Introduction of participants, illustration of objectives
0845-0945	<b>Data Evaluation and Reporting:</b> Guidance on a scientifically meaningful expression of toxicity data, examples of reported data based on study designs producing misleading results, example of summary reports, questions on reporting to be discussed.
0945-1000	<i>Coffee Break</i>
1000-1200	<b>Successful Testing of Fish including Case Studies with Reactions of the Authorities:</b> Guidance on how to perform the tests, optimal conditions for test organisms, how to produce scientifically valid studies accepted by the authorities in the EU, US and Japan. Good and bad examples of fish reports.
1200-1300	<i>Lunch</i>
1300-1445	<b>Successful Testing of Daphnia (incl. other invertebrates) and Algae:</b> Guidance on how to perform the tests, optimal conditions for test organisms, how to produce scientifically valid studies accepted by the authorities in the EU, US and Japan. Examples of Summaries and Results.
1445-1500	<i>Coffee Break</i>
1500-1730	<b>Successful Testing of Daphnia and Algae continued</b>
1730-1800	<b>Course Evaluation and Final Review</b>