

## Animal Welfare Course A

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

### **Fish Tests acc. to the 3Rs and Alternative Methods, Legal Aspects and Licence Application**

*Monday, October 28, 2019*

#### **Course Focus:**

##### **Fish in Experimental Studies:**

- Legal Aspects and Licence Application, Tierschutzgesetz & -Verordnung.
- Statistics on Fish Use in Switzerland.

##### **Fish and the 3Rs:**

- **Stress Reactions, Pain and Signs of Suffering:** Videos of various Stress Reactions, Assessment of Severity Degrees of Suffering and of Moribundity based on Videos with Carp, Trout and Medaka
- **Reduce/Refine Strategies:** Score Suffering of Fish (Videos) based on 3 different Scoring Sheets, Create your own Scoring sheet
- **Replace Alternatives:** Fish-Embryo Test FET, *in vitro* Fish-Cell Test, Use of Historical Data

**Justification of Animal Tests:** Ethical Argumentation, Harm-Benefit Analysis, Practical Example

#### **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.

# Programme Animal Welfare Course A

Monday, October 28, 2019

Time	Topics	Speaker
0915-0930	Welcome, General Introduction	H. Rufli
0930-1030	<b>Fish in Experimental Studies:</b> Legislation and Licence Application	H. Rufli
1030-1050	<b>Fish and the 3Rs:</b> <b>Part 1:</b> Fish in Experimental Studies in Switzerland	H. Rufli
1050-1150	<b>Part 2:</b> Stress Reaction, Pain and Suffering with Videos Assessment of Severity Degrees of Suffering and of Moribundity based on Videos with Carp, Trout and Medaka	H. Rufli
1150-1250	<i>Lunch</i>	
1250-1540	<b>Fish and the 3Rs:</b> <b>Part 3:</b> Reduce/Refine Strategies Score Suffering of Fish (Videos) based on 3 different Scoring Sheets Create your own scoring sheet	H. Rufli
1540-1645	<b>Part 4:</b> Replace Alternatives: Fish-Embryo Test FET, <i>in vitro</i> Fish-Cell Test, Use of Historical Data	H. Rufli
1645-1730	<b>Justification of Animal Tests:</b> Ethical Argumentation, Harm-Benefit Analysis, Practical Example	H. Rufli
1730-1800	Course Evaluation and Final Review	H. Rufli