

## Animal Welfare Course B2

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

### **Husbandry, Culture and Health of Fish, Avoidance of Diseases**

*Thursday, October 31, 2019*

#### **Course Focus:**

**Supply, Husbandry, Culture and Health of Fish:** According to the requirements of animal welfare based on „Zebrafish: Housing and Care“

**Health of Fish:** Signs of Weakness with Example Videos

**Diseases:** Avoidance of diseases and common diseases with symptoms

**Water Quality Requirements and Loadings** (Besatzdichte)

**Handling of Fish:** Measurement of weight and length, marking techniques and sacrificing of fish (Video) according to the requirements of animal welfare

**Zebrafish Behaviour and Ecology:** Zebrafish Behaviour in Nature

#### **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 B2

Thursday, October 31, 2019

Time	Topics	Speaker
0915-0930	Welcome, General Information	H. Rufli
0930-1130	<b>Supply, Husbandry and Culture of Fish, Water Quality and Loadings, Cleaning and Tanks:</b> According to the Requirements of Animal Welfare based on „Zebrafish: Housing and Care“	H. Rufli
1130-1200	<b>Health of Fish with Example Videos:</b> Signs of Weakness based on „Zebrafish: Housing and Care, Section Health“	H. Rufli
1200-1300	Lunch	H. Rufli
1300-1600	<b>Diseases:</b> Avoidance of Diseases and Care of Fish. Weak Animals and common Diseases with Symptoms Deviation from Normal Behavior as Indication for Disease, Pain, Excitation and Fear	T. Wahli
1600-1730	<b>Handling of Fish, Sacrificing:</b> Measurement of weight and length, marking techniques and sacrificing of fish (Video) <b>Zebrafish Behaviour and Ecology:</b> Zebrafish Behaviour in Nature	H. Rufli
1730-1800	Course Evaluation and Final Review	H. Rufli