

Animal Welfare Course H2

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

Histology in Fish

Thursday, October 18, 2018

Course Focus:

- **Histological Methods:** Sampling, Fixation, Processing
- Maturation Stages of Gonads
- Histological Endpoints in Fish
- Descriptive and Quantitative Tools in Histology
- Reliability of Histopathological Data
- **Practical Work in Histology Lab:**
 - i. **Cutting and dyeing: TRY IT YOURSELF!**
 - ii. **Evaluation of Sample Slides (and your own!): TRY IT YOURSELF with QUIZ!**

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 education of persons responsible for directing animal experiments in the context of MODUL ECOTOX corresponding to FELASA-C (MODUL ECOTOX consists of a total of six courses A, B1, B2, B3, D2 and P: theoretical and practical education of at least 40 hours for persons responsible for directing animal experiments). 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 & Instructors: Dr. Hans Rufli, **ecotoxsolutions**, Basel
Dr. Susanne Knörr, Heidelberg
Dr. Sandrine Bichet, FMI, Basel and Team

Registration: 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 (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 H2

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Time	Topics	Speaker
0915-0930	Welcome, General Information	H. Rufli
0930-1030	Histological Methods: Sampling, Fixation, Processing	S. Knörr
1030-1045	<i>Coffee Break</i>	
1045-1100	Descriptive and Quantitative Tools in Histology	H. Rufli
1100-1110	Histological Endpoints in Fish	H. Rufli
1110-1210	Maturation Stages of Gonads	S. Knörr
1210-1310	<i>Lunch</i>	H. Rufli
1315-1515	Practical Work in Histology Lab: Cutting and Dyeing: TRY IT YOURSELF!	S. Bichet & Team
1515-1540	Evaluation of Sample Slides on Maturation of Gonads: TRY IT YOURSELF by QUIZ!	S. Knörr
1540-1620	Reliability of Histopathological Data	S. Knörr
1620-1700	Histological Parameters: Typical Diagnosis of Samples	S. Knörr
1700-1730	Evaluation of Sample Slides: TRY DIAGNOSING YOURSELF by QUIZ!	S. Knörr
1730-1800	Course Evaluation and Final Review	H. Rufli