

Animal Welfare Course F: Amphibia

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

Husbandry, Care and Maintenance, Testing of *Xenopus laevis*

Wednesday, October 18, 2017

Course Focus:

- Characteristics, Anatomy, Taxonomy, Habitat, Lifecycle
- Amphibian Metamorphosis Assay OECD 231; What to pay attention to while testing!
- Niewkoop & Faber Developmental Stages & TRY IT YOURSELF, QUIZ!
- Husbandry, Care and Maintenance
- Breeding
- Hypothalamus-Pituitary-Thyroid Axis, Metamorphosis
- Comparative Toxicity Fish versus Frog
- Frogs & Pharmaceuticals
- Global Extinction & Decline

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. The course is adapted to registered persons performing animal experiments as well as for persons responsible for the performance of experiments. The course language is English or German depending on the audience.

Organisational Information:

Lead & Instructors: Dr. Hans Rufli, **ecotoxsolutions**, Basel
Dr. Susanne Knörr, Heidelberg

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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Time	Topic	Speaker
0915-0930	Welcome, Information about Course	H. Rufli
0930-1000	Amphibia: General Questions Characteristics, Anatomy, Taxonomy	H. Rufli
1000-1020	Family Pipidae, Genus <i>Xenopus</i> , Species <i>Xenopus laevis</i> : Characteristics	S. Knörr
1020-1145	Amphibian Metamorphosis Assay OECD 231: Overview Niewkoop & Faber Developmental Stages To pay attention to while testing <i>Xenopus</i> !	H. Rufli S. Knörr H. Rufli
1145-1245	<i>Lunch</i>	
1245-1400	<i>Xenopus laevis</i> : Husbandry, Care and Maintenance	H. Rufli
1400-1445	Hypothalamus-Pituitary-Thyroid Axis, Metamorphosis Comparative Toxicity Fish versus Frog	S. Knörr H. Rufli
1445-1500	<i>Coffee Break</i>	
1500-1600	<i>Xenopus laevis</i> : Breeding	H. Rufli
1600-1700	Niewkoop & Faber Developmental Stages: TRY IT YOURSELF, QUIZ!	S. Knörr
1700-1730	Frogs & Pharmaceuticals Global Extinction & Decline	H. Rufli
1730-1800	Course Evaluation and Final Review	H. Rufli