

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

Thursday, October 3 & Friday, October 4, 2024

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 as video-course on two mornings from 0800 to 1200h each day using Zoom. 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

Costs: Fr.700.- including pdf-files of the presentations sent ca. 1 week prior to the course.

Your Video Equipment: "Zoom" should be installed on your Laptop/PC (<https://zoom.us/download> = English). Microphone and camera should be available as well. Before 800h on the day of the course, an invitation link will be sent to your desired email-address previously announced to me. By clicking this link, you will be in the meeting.

Certificate: A written certificate will be handed out. This certificate will have to be shown to the Swiss authorities on request.

Programme Animal Welfare Course D2 updated

Time	Detailed Topics to be Presented
	<i>Day 1</i>
0800-0830	General Introduction
0830-0930	Data Evaluation and 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, questions on reporting to be discussed.
0930-1100	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. Good and bad examples of fish reports.
1100-1200	Successful Testing of Daphnia (incl. other invertebrates): 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 Summaries and Results.
	<i>Day 2</i>
0800-0830	Examples Summaries and Results incl. Example Abamectin
0830-1130	Successful Testing of 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. Good and bad examples of Presenting Results.
1130-1200	Course Evaluation and Final Review