



APPLIED TOXICOLOGY

Two-day theoretical course

The aim of this two-day theoretical course is to introduce you to the fundamentals in toxicology and risk assessment, including the most important databases.

After the course you will be able to participate in discussions about basic toxicology, and you will have a better understanding of hazard and risk assessment and how to carry out data searches on chemicals.

At the course you will get a brief introduction to toxicology and its basic principles. You will also be introduced to guidelines for toxicological test methods, information searching in internet databases and methods for toxicological risk assessment of a substance.

The course includes various hands-on exercises in how to find relevant information on chemicals from databases and web searches and how to derive a health based limit value for a specific chemical.

Furthermore, the course includes brief lectures on combination toxicology and properties of nanomaterials - the new challenge in toxicology.

COURSE TOPICS

- The fundamentals of toxicology
- Areas of application (REACH, medicines)
- Toxicological testing
- The use of QSAR in predictive toxicology
- Test guidelines, including OECD guidelines
- Examples of risk assessment
- Discussion: application and future needs of toxicology
- Hands-on exercises

TARGET GROUP AND PREREQUISITES

You have basic knowledge of biology and/or chemistry but want more background on toxicological principles.

DATE AND TIME

Wednesday 2 October and Thursday 3 October 2019.

Course starts at 09:00 and finishes at 16:30 (both days).

LOCATION AND VENUE

DHI, Agern Allé 5, DK-2970 Hørsholm, Denmark.

FEES AND DISCOUNTS

Standard price: € 1,100 / DKK 8,200
Discounts:

- 10% for 3rd and subsequent participants from same company
- All prices are exclusive of VAT and taxes.

THIS IS INCLUDED

- Training material
- Lunch and refreshments
- Training Certificate

LANGUAGE

Lectures and training material are in English.

REGISTRATION AND CONTACT

A minimum of trainees is required for the course to proceed. DHI reserves the right to reschedule the training course up to 3 weeks prior to the course date scheduled. Registration is binding 3 weeks before the actual course date.

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RELATED COURSES

- IUCLID 6 COURSE - REACH registration dossiers
- IUCLID 6 COURSE - Biocide authorisation dossiers
- QSAR - A TOOL TO FILL (ECO)TOXICOLOGICAL DATA GAPS - Introduction to the OECD QSAR Toolbox



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PREVIOUS PARTICIPANTS ABOUT THE COURSE:

- "Comprehensive and educational course that will be very helpful for toxicological safety assessments"
- "Expert teachers"
- "Informal atmosphere and good dialogue between participants and instructors"
- "Great course with examples from real life"

LEAD INSTRUCTOR

POUL BO LARSEN

Poul Bo Larsen, Chief Toxicologist, with more than 25 years of experience in health risk assessment of chemicals. He has participated in working groups in EU and the OECD and as Danish representative in the ECHA Risk Assessment Committee. His expertise includes regulatory toxicology, risk assessment, limit values, health impact of ambient air pollution, OELs, nanomaterials and REACH.



MSc (Pharmacy), The Danish University of Pharmaceutical Sciences

TRAINERS POOL

- Brian Svend Nielsen, MSc, Toxicologist,
- Daniel Vest Christophersen, PhD, Toxicologist
- Thit Aarøe Mørck, PhD, Toxicologist

THE ACADEMY BY DHI

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MIKE Powered by DHI courses focus on practical skills, hands-on exercises and teaching you how to get the most out of your software. These courses also enable you to understand the power of the MIKE tools for building decision support systems.

Thematic courses allow you to apply concepts, applications and decision support principles to the entire business process within current areas: aquaculture and agriculture, energy, climate change, flooding, coast and marine, surface and groundwater, urban water, industry, environment and ecosystems, product safety and environmental risk, etc.

Our trainers are experienced professionals, many of whom are recognised international experts in their fields. The use of highly skilled trainers guarantees the quality of THE ACADEMY courses.

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