

Regulatory Sciences

Swiss Centre for Applied Human Toxicology
University of Basel

Module 7 – Advancing Regulatory Toxicology in the 21st Century 13 – 17 June 2016

University of Basel, Missionstrasse 64a, 4055 Basel, Switzerland



The Swiss Centre for Applied Human Toxicology (SCAHT) welcomes registrations for the 'Advancing Regulatory Toxicology in the 21st Century' module of the University of Basel Advanced Study Programme. The module is designed to complement previous modules on the advanced study programme, or can be taken as a stand-alone teaching week. This teaching will be the final module of the CAS programme.

Outline of module

This module provides an insight into the challenges and issues that face toxicologists in the 21st century. The teaching will briefly outline the basic concepts of toxicology before focussing on issues in nanosafety, endocrine disrupting compounds, and the toxicology of mixtures. Integration of information from diverse sources will also be covered. The module consists of presentations, case studies and group work. The group work requires delegates to participate in presentations during the day and will also involve some evening work. The module will conclude with a examination and an evaluation of the teaching.

Target audience

This module is designed for professionals from industry, regulatory authorities and academic institutions who need to understand the challenges of regulatory toxicology in the 21st century. Some background knowledge of basic toxicology is required, but it is not necessary for participants to have attended previous modules on the CAS programme.

Objectives

The objectives of this module are to:-

- provide expert and in-depth knowledge about current topics in toxicology
- increase understanding of the scientific and regulatory challenges associated with 21st century toxicology

Key Topics covered

- a brief review of the concepts and terminology related to toxicology and risk assessment
- assessing the safety of nano materials
- hazard evaluation of endocrine disrupting compounds
- current issues related to the toxicology of mixtures
- integrating data from diverse sources (e.g. GLP compliant, peer-reviewed literature)

Module 7 – Advancing Regulatory Toxicology in the 21st Century

13th June – 17th June 2016

Registration

The cost of the module is 3'500 CHF, which includes all teaching materials. The participant must meet all travel and subsistence costs themselves. A reduced fee of 1'750 CHF is available for members of universities or regulatory authorities. Please register for the module by completing the details on the registration form before 6th May 2016. Places are limited to a maximum of 25 delegates therefore early registration is recommended. Booking will be confirmed by email after registration and final module details will be sent out to delegates in early June 2016.

Further information

For further information contact Helen Smethurst at the Swiss Centre for Applied Human Toxicology, Tel. +41 61 267 1959 or email: helen.smethurst@unibas.ch

Teaching faculty

The teaching faculty for this module is facilitated by the following personnel :-



Prof. Martin Wilks (SCAHT)

Martin Wilks obtained a doctorate in medicine in 1986 from the Medical School Hannover, Germany. After completing a PhD in toxicology at the University of Surrey (UK) in 1990, he worked as a medical toxicologist in the National Health Service and the chemical industry in the UK and Switzerland. In 2009 he became director of the Swiss Centre for Applied Human (SCAHT). He is a EUROTOX Registered Toxicologist, a Fellow of the British Toxicology Society and Honorary Consultant Medical Toxicologist at Guy's & St Thomas' Hospital Trust, London. His research and professional interests include clinical toxicology, toxico-epidemiology and risk assessment of chemical exposures. In 2012 he was appointed Professeur titulaire at the Medical Faculty of the University of Geneva.



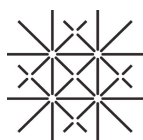
Dr. Rex FitzGerald (SCAHT)

Rex FitzGerald has an MA in zoology from Trinity College Dublin (Ireland) and a D.Phil in neuroscience from Sussex University (UK). He is a Diplomate of the American Board of Toxicology (DABT). He spent 10 years in industry (Ciba-Geigy Basel, head of Reproduction Toxicology) and 15 years as an independent toxicology consultant, before joining the Swiss Centre for Applied Human Toxicology in 2010.



Dr. Lothar Aicher (SCAHT)

Lothar Aicher is a chemistry graduate from Kaiserslautern (Germany) where he also received a Dr.rer.nat. in Biochemistry in 1997. He was Head of the Proteomics Laboratory within the Molecular Toxicology Group and Human Safety Assessment Manager at Novartis and became a Swiss and Eurotox Registered Toxicologist in 1999. Since obtaining a MBA from the Universities of Bern and Rochester (New York) in 2001, he has held various marketing, project management and planning positions at Syngenta in Basel.



University
of Basel

Advanced Studies