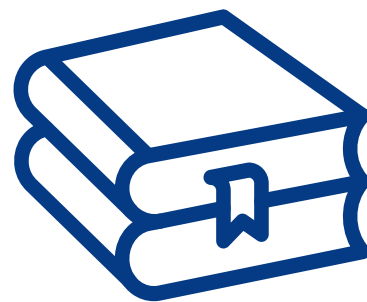


ACT Virtual Educational Course

Advanced Comprehensive Toxicology

On-Demand Access: July 15–October 1, 2021



Course Description

The American College of Toxicology (ACT) is offering an advanced course, Advanced Comprehensive Toxicology, to complement Toxicology for Pharmaceutical and Regulatory Scientists course. By demand in 2021, virtual lectures will cover detailed descriptions of the principles of toxicology, effects of xenobiotics on organ systems, discussions of specific classes of toxicants, mechanisms of toxicity, risk assessment, and other contemporary toxicological concepts. The content of this course will provide information that may be helpful to those seeking certification in toxicology or to those seeking advanced training in toxicology.

Virtual Course Topics

Recorded Lectures

Advanced Topics in General Toxicology/ Mechanisms of Toxicity

Lorrene Buckley, Eli Lilly and Company

Toxicokinetics/Pharmacokinetics/ Metabolism

Debie Hoivik, Akebia Therapeutics

Genotoxicity

Les Recio, Integrated Laboratory Systems, Inc.

Carcinogenesis

Robert Roy, 3M

Kidney Toxicology

Mary Beth Genter, University of Cincinnati

Liver Toxicology

William Brock, Brock Scientific Consulting

Nervous System Toxicology

Mary Beth Genter, University of Cincinnati

Hematopoietic and Immune Systems Toxicology

David McMillan, US Food and Drug Administration

Respiratory Toxicology

Matthew Campen, University of New Mexico

Developmental and Reproductive Toxicology

Alan Hoberman, Charles River

Cardiovascular System Toxicology

Simon Authier, Charles River

Dermal and Ocular Toxicology

William Brock, Brock Scientific Consulting

Endocrine Disruptors

Mary Beth Genter, University of Cincinnati

Pesticides

Lydia Cox, Nichino America, Inc.

Occupational Toxicology

Robert Roy, 3M

Ecotoxicology

Robert Skoglund, Covestro

Human Health Risk Assessment

Thomas Lewandowski, Gradient

Computational Toxicology

Nisha Sipes, US Environmental Protection Agency

Regulatory Toxicology

William Brock, Brock Scientific Consulting

Bonus Content

- Epidemiology
- Metals
- Statistics

Live Q&A Sessions

- August 2–5, 2021

ONLINE REGISTRATION

For more course information
and to register, visit
www.actox.org

Course Organizers: **William Brock**, Brock Scientific Consulting and **Mary Beth Genter**, University of Cincinnati

