



# American College of Toxicology's *Virtual* Advanced Comprehensive Toxicology Course

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 2020, 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.

On-demand access of the presentations will be available, for unlimited viewing, beginning in June through September 30, 2020. Register early for maximum access!

## *Virtual Course Topics*

### Advanced Topics in General Toxicology/Mechanisms of Toxicity

*Mary Ellen Cosenza, MEC Regulatory & Toxicology Consulting, LLC*

### 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 J. 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 J. Campen, University of New Mexico*

### Developmental and Reproductive Toxicology

*Alan M. Hoberman, Charles River*

### Cardiovascular System Toxicology

*Simon Authier, Charles River*

### Other Organ Systems (Ocular, Dermal, Endocrine)

*William J. Brock, Brock Scientific Consulting and  
Mary Beth Genter, University of Cincinnati*

### Pesticides

*Lydia Cox, Nichino America, Inc.*

### Occupational Toxicology

*Elizabeth M. Vancza, SafeBridge Consultants, Inc.*

### Environmental Toxicology and Ecological Risk Assessment

*Michael W. Kierski, Exponent*

### Human Health Risk Assessment

*Thomas A. Lewandowski, Gradient*

### Regulatory Toxicology

*William J. Brock, Brock Scientific Consulting*

### Practice Exam

## *Bonus Content*

### Epidemiology

### Metals

### Statistics

## *Virtual Course Features*

**Live Q&A Sessions with Speakers**—Daily sessions will take place the week of August 3 from 11:00 am to 1:00 pm Eastern Time

**Message Board Community**—Connect with other course participants to form study groups, ask questions, setup watch parties, and network with peers

*Virtual Registration Open! >*

American College of Toxicology

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