



# American College of Toxicology

## Advanced Comprehensive Toxicology

August 3–7, 2020

Gaithersburg, Maryland

### Course Description

In this five-day intensive course, offered by the American College of Toxicology, attendees will be provided 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.

This week-long course will begin on Monday morning with registration and continental breakfast and will end on Friday with a practice exam, comprised of questions of the type and rigor found on the American Board of Toxicology exam. The registration fee includes continental breakfast, morning and afternoon breaks, and lunch.

### Monday, August 3

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

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

#### Toxicokinetics/Pharmacokinetics/Metabolism

*Debie J. Hoivik, Akebia Therapeutics*

#### Genotoxicity

*Les Recio, Integrated Laboratory Systems, Inc.*

#### Carcinogenesis

*Robert Roy, 3M*

#### Welcome Reception

### Tuesday, August 4

#### Kidney Toxicology

*David C. Dorman, North Carolina State University*

#### 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*

### Wednesday, August 5

#### 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

*William J. Brock, Brock Scientific Consulting and*

*Mary Beth Genter, University of Cincinnati*

### Thursday, August 6

#### 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*

### Friday, August 7\*

#### Miscellaneous Topics

*William J. Brock, Brock Scientific Consulting and*

*Mary Beth Genter, University of Cincinnati*

#### Practice Exam

**Register Online!**

\*Course ends at noon.

American College of Toxicology

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