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
*Course ends at noon.