Course Description

The American College of Toxicology (ACT) is offering an advanced course, “Advanced Comprehensive Toxicology,” to complement “Toxicology for Industrial and Regulatory Scientists.” In this five-day intensive course, 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 could be helpful to those seeking certification in toxicology or to those seeking more advanced training in toxicology. The faculty consists of well-recognized experts in their field of study who are Board Certified by the American Board of Toxicology.

Sunday, August 9
Orientation and Reception

Monday, August 10
General Principles of Toxicology/Mechanisms of Toxicity
Lorrence Buckley, Eli Lilly and Company
Toxicokinetics/Pharmacokinetics
Anthony L. Kiorpes, River Bluff Associates, LLC
Biotransformation
Mary Beth Genter, University of Cincinnati
Risk Assessment
John C. Lipscomb
Genotoxicity
Leslie Recio, Integrated Laboratory Systems, Inc.

Tuesday, August 11
Carcinogenesis
Susan A. MacKenzie, SMacKenzie Toxicology Consulting, LLC
Molecular Toxicology
Craig Rowlands, Dow Chemical Company
Liver Toxicology
William J. Brock, Brock Scientific Consulting, LLC
Kidney Toxicology
Susan Emigh Hart, Boehringer Ingelheim
Dermal and Ocular Toxicology
William J. Brock, Brock Scientific Consulting, LLC

Wednesday, August 12
Respiratory Toxicology
Gregory L. Finch, Pfizer Global R&D
Hematopoietic and Immune Systems Toxicology
Kenneth L. Hastings, Hastings Toxicology Consulting
Nervous System Toxicology
Mary Beth Genter, University of Cincinnati
Cardiovascular Toxicology
George Shopp, Shopp Nonclinical Consulting
Developmental and Reproductive Toxicology
Raymond G. York, RG York & Associates, LLC

Thursday, August 13
Solvents and Vapors
Mary Beth Genter, University of Cincinnati
Metals
Ranulfo Lemus, UES Inc.
Foods
Richard W. Lane, PepsiCo
Natural Products
Linda Doody, CCS Associates, Inc.
Radiation Toxicology
Fred Kirchner, Stemina

Friday, August 14
Pesticides
Lydia Cox, Nichino America, Inc.
Forensics/Epidemiology/Biostatistics/Occupational Health
John E. Snawder, CDC-NIOSH
Agents: Odds and Ends
Debra Kirchner, Covance, Inc.
Practice Exam

Register Online!

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