Course Organizers
Kok Wah Hew, PhD, DABT, Takeda
Hanan Ghantous, PhD, DABT, US FDA
Kenneth Olivier, PhD, Merrimack Pharma
Timothy McGovern, PhD, SciLucent LLC

Location:
MedImmune
One MedImmune Way
Gaithersburg, MD 20878
United States

Registration:
Register by March 21, 2013, to avoid late charge.
www.actox.org/education/tirs_register.asp
Members $1295
Nonmembers $1595
Government $1295
After March 22, 2013 $100 late charge.

Scan the QR Code to Register.
Download a QR Code scanner app with your smartphone or mobile app, scan code, connect to website.

Hotel Information:
Gaithersburg Marriott
Washingtonian Center
9751 Washingtonian Boulevard
Gaithersburg, Maryland 20878
United States
Tel: 301.590.0044
Hotel Registration: 1.888.236.2427
Please refer to the ACT Toxicology Course Room Block, April 22–26, 2013

Also plan to attend
the 34th Annual Meeting of the American College of Toxicology
November 3–6, 2013
JW Marriott Hill Country
San Antonio, Texas
United States

American College of Toxicology
1821 Michael Faraday Drive
Suite 300
Reston, VA 20190 USA
Email: acthq@actox.org
Tel: 703.547.0875
Fax: 703.438.3113

www.actox.org
Course Description
This course, taught by distinguished experts, is designed to provide a basic training in toxicology. Participants will obtain an overall understanding of the principles of nonclinical safety evaluation with emphasis on the practical application of these principles and interpretation of nonclinical safety data. The course will include discussion of regulatory case studies and a workshop. The course is intended to benefit individuals working in pharmaceutical, biotechnology and chemical/agrochemical companies, Contract Research Organizations, and regulatory agencies who are interested in or currently practicing toxicology.

“Perfect! The material provided was very useful and had practical implications that we can take back with us for future use. Very thoughtful lectures. I enjoyed it.”

Monday, April 22
- **Basic Principles of Toxicology**
  A. Wallace Hayes, Harvard University
- **Regulatory Toxicology**
  Tracy Zoetis, SciLucent LLC
- **Pharmacology**
  Amy Avila, US FDA
- **Safety Pharmacology**
  Russell Bialecki, AstraZeneca

Tuesday, April 23
- **General Toxicology**
  Jon Daniels, Intrinsik Science
- **Toxicity of Organ Systems**
  Mary Beth Genter, University of Cincinnati
- **Clinical Pathology in Toxicology Studies**
  Robert Hall, Covance
- **Pathology in Toxicology Studies**
  Jerry Hardisty, EPL

Wednesday, April 24
- **Genetic Toxicology**
  Mark Powley, US FDA
- **Carcinogenicity**
  James Popp, Strataxoxon
- **Reproduction/Developmental Toxicology**
  Kok Wah Hew, Takeda
- **Immunotoxicology**
  Jeanine Bussiere, Amgen

Thursday, April 25
- **Pharmacokinetics/ADME in Toxicology**
  Matthew Bogdanoff, Boehringer-Ingelheim
- **Safety Evaluation of Biotechnology Products**
  Melanie Hartsough, BCG
- **Risk Assessment**
  Ernie Harpur, Newcastle University
- **Practical Applications: Nonclinical Case Studies**
  Hanan Ghantous, US FDA

Friday, April 26*
- **Regulatory Toxicology and Risk Assessment of Chemicals and Agrochemical Products**
  William Brock, Brock Scientific Consulting LLC
- **Nonclinical Assessment of Drug D: A Special Workshop of Drug Development from IND to NDA**
  Hanan Ghantous, US FDA
  Kenneth Hastings, Sanofi
  Timothy McGovern, SciLucent LLC
  Tracey Zoetis, SciLucent LLC

*Course ends at noon.

“Just the right balance of material.”
“Great blend of strategy and case studies.”