

“Toxicology in the Development of Countermeasures for Radiation, Chemical, and Biological Threat Agents”

Keynote Presentation

“The Life Cycle of a Botulinum Toxin Molecule”

Lance L. Simpson, PhD

Professor Infectious Disease and Environmental Medicine

Thomas Jefferson Medical School, Philadelphia, PA

Plenary

“Ricin Toxicity and Pharmacokinetics Following Inhalation and Ingestion”

Janet M. Benson, PhD, DABT

Senior Scientist, Program Manager, Applied Toxicology

Lovelace Respiratory Research Institute

Albuquerque, NM

“Scientific Basis for Developing Approaches to Decorporating Internally Deposited Radionuclides”

Raymond A. Guilmette, PhD, FHPS, CRadP

Senior Scientist, Director, Center for Countermeasures Against Radiation

Lovelace Respiratory Research Institute

Albuquerque, NM

“Acute and Chronic Effects of Sulfur Mustard”

Gary R. Grotendorst, PhD

Senior Scientist, Respiratory Immunology and Asthma Program, Director CounterACT Research Center of Excellence

Lovelace Respiratory Research Institute

Albuquerque, NM

“Neuroimmune Effects of Sarin Inhalation”

Mojan L. Sopori, PhD

Senior Scientist, Respiratory Immunology and Asthma Program

Lovelace Respiratory Research Institute

Albuquerque, NM

Student Presentation

To Be Determined Based on Abstract Receipt

Topic II: Industry and Career Perspectives

***Diamond Sponsor Discussion**

“The Importance of Discovery Work During the Drug Development Process”

Michael A. Dorato, Ph.D., D.A.B.T.

Vice President, Scientific and Technical Services

Covance Laboratories Inc.

“Contract Research Organizations in the 21st Century: The Integration of Business and Science”

Kevin J. Kerzee, PhD, DABT

Manager, Operations
Bioproducts for Science
Harlan Laboratories, Inc.
Research Models and Services
Indianapolis, IN

***Sponsor**

*"High Throughput Stem Cell Hemotoxicity Screening and Testing"**

Ivan N. Rich, PhD
Founder, Chairman & CEO
HemoGenix, Inc
1485 Garden of the Gods Road
Suite 152
Colorado Springs, CO 80907

(see below) "Applications of Toxicogenomics in Preclinical Safety Assessment"

John W. Davis II, PhD

Topic III: Systems Biology and Special Topics

"Application of Toxicogenomics and Pathway Analysis: Evaluation of Non-Alcoholic Fatty Liver Disease Models for Investigating Drug-Induced Liver Injury."

John W. Davis II, PhD
Director, Investigative Toxicology
PGRD
Pfizer, St. Louis

"Transcription Profiling of Nanometals Commonly Used in Consumer Products"

Philip Moos, PhD
Assistant Professor
Pharmacology and Toxicology, University of Utah

"Novel Mechanisms of Viral Pathogenesis Using a System-wide Approach"

Kevin Harrod, PhD
Director, Infectious Disease Program
Lovelace Respiratory Research Institute
Albuquerque, NM

"Correlation of the Physicochemical Characteristics of Engineered Nanomaterials to Cellular and Tissue-level Responses"

Rashi Iyer, PhD
Technical Staff Member
B-7, Biosecurity and Public Health
Los Alamos National Labs