GEMS

Genetics and Environmental Mutagenesis Society

Annual Spring Meeting

May 2, 2011
EPA-RTP Campus, 109 T.W. Alexander Drive, RTP, NC 27711

Application of Genomics Data to Understand Chemical Mechanisms of Action

8:00 AM – 8:45 AM	Registration and Continental Breakfast
8:45 AM - 9:00 AM	Welcome: Stephen Little, M.Tox., GEMS President Introductions: Nagu Keshava, Ph.D., GEMS President-elect
9:00 AM – 9:40 AM	**Utilizing Available Toxicogenomics Datasets to Understand Chemical Mode of Action** *Michael Waters, Ph.D., Integrated Laboratory Systems*
9:40 AM -10:20 AM	**Population-based Discovery of Toxicogenomic Biomarkers for Hepatotoxicity** *Ivan Rusyn, Ph.D., University of North Carolina*
10:20 AM – 10:40 AM	Coffee Break
10:40 AM – 11:20 AM	**Overview of NIEHS Genomics Program and Ongoing Activities** *Linda Birnbaum, Ph.D., National Institute for Environmental Health Sciences*
11:20 AM – 12:00 PM	**Use of Mechanistic Data to Classify Carcinogens – An IARC Classification** *Vincent Cogliano, Ph.D., IRIS Program, U.S. Environmental Protection Agency*
12:00 PM – 1:15 PM	Lunch Break (*Lunch Provided*)
1:15 PM – 2:00 PM	**Systems Biology Approach for Understanding Chemical Carcinogenic Mechanisms of Action** *Richard Judson, Ph.D., U.S. Environmental Protection Agency (tentative)*
2:00 PM – 2:45 PM	**Use of Genomics and Systems Biology Data in Risk Assessment – The NextGen Project** *Lyle Burgoon, Ph.D., U.S. Environmental Protection Agency*