Saturday, March 20

6:00 PM-8:30 PM
Workshops
- Life as a Toxicologist—A Graduate Student and Post-Doc Primer to Careers in Toxicology
- Taking Command of Your Career

Sunday, March 21

7:00 AM–7:45 AM
CONTINUING EDUCATION 
SUNRISE MINI-COURSE
1. Herbals and Dietary Supplements in Athletic Performance Enhancement: Fact vs. Fiction

8:15 AM–12:00 NOON
CONTINUING EDUCATION 
MORNING COURSES
2. Basic Neurotoxicology
3. Tools for Functional Genomics (Repeats as PM 10)
4. Of Mice and Magnets: Metabonomics Technology in Safety Assessment
5. Functional Flow Cytometry: Applications in Toxicology (Repeats as PM 12)
6. Understanding Lifespan Changes in Form and Function of the Female Reproductive System to Assess and Interpret Toxicity
7. The Safety Assessment of Proteins: Applications to Agricultural Biotechnology

1:15 PM–5:00 PM
CONTINUING EDUCATION 
AFTERNOON COURSES
8. Safety Pharmacology After ICH S7A & S7B
9. Skin Sensitization and Allergic Contact Dermatitis
10. Tools for Functional Genomics (AM 03 Repeated)
11. Computational Biology, Dose & Response
12. Functional Flow Cytometry: Applications in Toxicology (AM 05 Repeated)
13. Adrenal Gland: Mechanisms of Toxicity and Carcinogenesis

Monday, March 22

8:30 AM–9:15 AM
PLENARY LECTURE
Making Sense of Adverse Reactions and Interactions: Herbal Remedies, Nutraceuticals, and Drugs. 
Lecturer: Joe and Terry Graedon, The People’s Pharmacy

9:30 AM–12:00 NOON
SYMPOSIUM
Steroid Inactivation: Alternative Mechanisms of Endocrine Toxicity

WORKSHOP
Assurance of Animal Welfare in Research: Coexistence of Toxicology Studies with Human Endpoints
Electrophoresis: Applied to Neurotoxicity and Evaluation of Promising New Drugs

12:15 PM–1:15 PM
MRC LECTURE
Gateway to Apoptosis
Lecturer: Prof. Stanley Korsmeyer, Dana Farber Cancer Institute, Harvard Medical School

1:30 PM–4:30 PM
SYMPOSIUM
Gene Expression Influences on Metal Immunomodulation
Systems Biology: A New Venue for Exploring Mechanisms of Developmental Toxicity

WORKSHOPS
Current Status and Future Considerations for the Development of Skin Toxicology Alternative Methods
Diesel Emissions: New Horizons in the Chemistry, Health Effects and Regulations
Nutraceuticals as Double-Edged Swords: Weighing Benefits, and Risks of Dietary Chemicals to Human Health

Tuesday, March 23

7:30 AM–8:15 AM
SPECIAL SESSIONS
Regulatory Oversight of Research Involving Humans. Lecturer: Bernard Schwetz, DHHS

8:30 AM–11:30 AM
SYMPOSIUM
Mechanisms of Cardiovascular Toxicity by 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Related Halogenated Aromatic Hydrocarbons
New Developments in Oxidative Phospholipid Signaling in Apoptosis and Phagocytic Regulation of Inflammatory Response
Toxicogenomic Databases and Their Role in the Toxicology Community

WORKSHOP
The Role of Methylation in Arsenic Toxicity and Risk: The Enigma Continues

12:00 NOON–1:00 PM
DEBATE
SOT/EUROTOX Debate
Motion: Nutraceuticals Should be Regulated as Drugs

1:30 PM–4:30 PM
SYMPOSIUM
Modulation of Host Defenses by Ambient and Source Particulate Air Pollutants
The Present and Future of Toxicogenomics in Preclinical Drug Development
Tissue and Species Differences in the Regulation of Cytocchrome P450s

WORKSHOP
Systemic Drug Allergy:Frequency, Challenges, Mechanisms, and Need for Predictive Models

1:30 PM–4:30 PM
POSTER SESSIONS
Carcinogenesis II
Environmental/Toxicology
Female and Male Reproduction Reproductive Toxicity
Food Safety and Nutraceuticals
Metal Activation of Oxidative Stress and Signal Transduction Pathways
Neurotoxicity, Pesticides I
Neurotoxicity, General II
Safety Evaluation II
TCDD & Other POPs/In Vivo
Wednesday, March 24

8:30 AM–11:30 AM

SYMPOSIA
Arsenic Disruption of Cell Cycle: Mechanisms and Effects on Apoptosis, Differentiation and Carcinogenesis
Occupational Skin Exposure: Current Trends and Future Directions from the Field to Genomics
Xenobiotic-Activated Receptors: Biological Functions and Disease Prevention

WORKSHOPS
Agricultural Chemical Safety Assessment: A Multi-Sector, International Proposal
Histopathology and Beyond: Correlating Non-Clonal Immune Modulation with Clinical Data
Zebrafish—A Model Organism for Assessing Developmental Toxicity in Drug Discovery/Environmental Risk Assessment

PLATFORM SESSIONS
Biomarkers of Exposure and Effects
Hypersensitivity II
Omnics Technologies: Application in Toxicology
Respiratory Tract V—Tobacco Smoke and COPD

9:30 AM–12:30 PM

POSTER SESSIONS
Biological Modeling
Developmental Neurotoxicity I
Endocrine II
Gene Expression I
In Vitro/Animal Alternative Models II
Mechanisms of Phase I and Phase II
Biotransformation II
Molecular Hepatotoxicity
Neurotoxicity, Pesticides II
Oxidative Stress I
Pharmaceutical Safety Evaluation
Respiratory Tract III — Particulate Matter
TCDD & Other POPs/In Vitro

12:00 NOON–1:00 PM

ISSUES SESSION
Does Funding Source Influence Research Integrity?

SPECIAL WORKSHOP
A Conversation with the Directors

1:30 PM–4:30 PM

SYMPOSIA
Comparison of Threshold Dose-Response Methods for Entire Data Sets: Copper as a Case Study
Environmental Pollution and the Immune System: Mechanisms of Immunoactivity Across Phyla
Use of Molecular Approaches to Examine Mechanisms of Neurotoxicity

WORKSHOPS
Biomarkers: Development, Evaluation and Use
Hormone Replacement Therapy: A Challenge of Risks and Benefits
Strategies to Identify Bioactive Substances in Complex Air Pollutant Mixtures

PLATFORM SESSIONS
Fish Models
Gene Expression: Oxidant Stress

POSTER SESSIONS
Apoptosis I
Carcinogenesis III
Cardiovascular Methods & Markers
Chemical & Biological Warfare Posters
Cytochrome P450 Mediated Metabolism of Xenobiotics
Cytochrome P450 Regulation by Xenobiotics
Developmental Neurotoxicity II
Education and Public Outreach
Gene Expression II
Regulatory/Policy
Risk Assessment II
Skin

8:30 AM–11:30 AM

SYMPOSIA
Assessing the Biological and Environmental Risks of Nanoparticles
Molecular Profiling and Computer Modeling in Early Detection and Treatment of Cancer

WORKSHOPS
Novel Approaches to Engaging Toxicologists in K-12 Science Education and Outreach
The National Children’s Study: Progress Developing Methods Appropriate for Assessing Children’s Exposure, Biomarkers, and Genetic Susceptibility

PLATFORM SESSIONS
Developing the Use of Threshold Concept for Protein Allergens
Animal Alternative Models
Chemical & Biological Warfare
DNA Damage and Repair

POSTER SESSIONS
Apoptosis II
Gene Expression III
Genetic Polymorphisms
Immunotoxicity: Methods and Validation
Inhalation Toxicology - Methodology and Kinetics
Juvenile and Perinatal Toxicity Studies
Omics
Oxidative Stress II
PBDEs
Pesticides, General
PFOS/PFOA
Physiologically-Based Pharmacokinetic Models
Polymeric Aliphatic Hydrocarbons

Saturday, March 20
2:00 PM–5:00 PM
Committee Chair Orientation
4:00 PM–7:00 PM
Registration Desk Open
5:30 PM–6:00 PM
Pre-Workshop Reception
5:30 PM–9:00 PM
Undergraduate Education Program for Minority Students

Sunday, March 21
8:00 AM–5:00 PM
Undergraduate Education Program
5:15 PM–6:30 PM
Awards Presentation
6:30 PM–7:30 PM
Welcoming Reception
7:00 PM–8:00 PM
25-Year Member Reception
7:30 PM–8:30 PM
Student/Post-Doctoral Fellow Mixer

Monday, March 22
7:30 AM–3:00 PM
Undergraduate Education Program for Minority Students
9:30 AM–11:30 AM
Poster Session for Visiting Students
4:30 PM–6:00 PM
Placement-Career Development Seminar: Job Search Skill Workshop
4:30 PM–5:30 PM
Undergraduate Toxicology Teaching Forum
4:30 PM–6:00 PM
Specialty Section Presidents’ Meeting
6:00 PM–7:30 PM
Specialty Section Meetings: Biological Modeling, Carcinogenesis, Inhalation, Metals, Neurotoxicology, Regulatory and Safety Evaluation

Various Times
Regional Chapter Meetings/Receptions (Refer to the Events Calendar on pages 2-6)

Tuesday, March 23
7:00 AM–8:30 AM
Regional Chapter Presidents and Officers Meeting
8:00 AM–4:30 PM
Paracelsus Goes to School Teacher Workshops
12:00 NOON–1:15 PM
In Vitro Toxicology Lecture for Students
1:30 PM–4:00 PM
Grantsmanship Forum
4:30 PM–6:00 PM
Annual Business Meeting
5:30 PM–6:30 PM
Regional Chapter Contacts for K-12 Education Meeting
6:00 PM–7:30 PM
Specialty Section Meetings: Comparative and Veterinary, Dermal, Food Safety, Hispanic Organization for Toxicologists, In Vitro, Molecular Biology, Reproductive and Developmental, Women In Toxicology

Various Times
Regional Chapter Meetings/Receptions (Refer to the Events Calendar on page 2-6)

Wednesday, March 24
7:15 AM–8:15 AM
Town Meeting: SOT Endowment—Your Future Presiding: Linda S. Birnbaum, Vice President
4:45 PM–5:30 PM
Council Meeting with Students/Post-Doctoral Fellows
6:00 PM–7:30 PM
Specialty Section Meetings: Epidemiology, Ethical, legal, and Social Issues, Immunotoxicology, Mechanisms, Occupational Health, Risk Assessment, and Toxicology and Exploratory Pathology

Various Times
Regional Chapter Meetings/Receptions (Refer to the Events Calendar on page 2-6)