Sunday, March 25

7:00 AM–7:45 AM
CONTINUING EDUCATION
SUNRISE MINI-COURSE
1. REACH: A New Framework for the Regulation of Chemicals (p67)

8:15 AM–12:00 NOON
CONTINUING EDUCATION
MORNING COURSES
2. Concepts, Methods and Applications of Discovery and Investigative Toxicology (p67)
3. Genomics: From Novice to Expert, From Challenges to Promises (p71)
4. Allergy and Allergic Disease: A Primer for Toxicologists (p68)
5. Fundamentals of Human Health Risk Assessment with a Case Study Approach (p69)
6. Toxicology and Molecular Biology of Tissue Repair (p69)
7. The Biology and Toxicology of the Peri- and Post-Natal Development Period (p70)

1:15 PM–5:00 PM
CONTINUING EDUCATION
AFTERNOON COURSES
8. Concepts, Methods and Applications of Discovery and Investigative Toxicology (p67)
9. Genomics: From Novice to Expert, From Challenges to Promises (p71)
10. Toxicological Evaluation of Chemical and Drug Mixtures (p71)
11. Physiologically Based Pharmacokinetic Modeling for Risk Assessment Applications (p72)
12. Protein Therapeutics: Assessment and Impact of Immunogenicity on Study Design and Interpretation (p72)
13. Rodent Imaging Overview for the Toxicologist (p73)

Monday, March 26

8:15 AM–9:15 AM
PLENARY OPENING LECTURE
The Impact of Human Activities on the Atmosphere
Nobel Laureate Mario Molina (p76)

9:30 AM–12:15 PM
SYMPOSIA
Application of Humanized Mouse Lines to Toxicological and Pharmacological Studies (p76)
Genomics and Dose-Response Modeling (p77)

WORKSHOPS
Environmental Risk Factors for Autism (p77)
The Future of Risk Assessment in Environmental Health—Can Current Approaches Fulfill Public Health Needs? (p78)
Health Risks of Carbon Nanotubes: What Can We Learn from Mineral Fibers or Ultra-Fine Particulates? (p79)
Methods for Investigating Skin Irritation (p79)

PLATFORM SESSIONS
Ah Receptor—Mechanisms of Action (p80)
Developmental Toxicity: Genomic and Non-Genomic Bases (p80)
Immunotoxicology: Immune Modulation and Cell Specific Responses (p81)
Mechanisms of Arsenic Toxicity (p82)

9:30 AM–12:30 PM
POSTER SESSIONS
Apoptosis (p98)
Biomarkers of Effect (p94)
Chemical and Biological Weapons (p88)
Endocrine System (p85)
Neurotoxicity: Metals (p82)
Oxidative Stress I: In Vivo Studies (p90)
Oxidative Stress II: In Vitro Studies (p91)
Pharmaceuticals (p96)

12:30 PM–1:20 PM
MERIT AWARD LECTURE
The Use of Biomarkers to Inform Mechanisms of Carcinogenesis and Risk Assessment
2007 Honoree James A. Swenberg (p100)

1:00 PM–4:30 PM
POSTER SESSIONS
Biological Modeling (p106)
Biomarkers of Exposure (p108)
Biotransformation (p103)
Cardioxicity (p104)
Developmental Toxicity and Teratology (p109)
Ecotoxicology (p116)
Immunotoxicology (p100)
Kidney 1 (p111)
Reproductive System: Focus on Development (p119)
Respiratory Tract Toxicity: Models and Safety Assessment (p113)

1:30 PM–4:15 PM
SYMPOSIA
Non-Classical Mechanisms of Receptor-Mediated Transcription (p120)
Understanding the Linkages Between Environmental Toxicity and Human Disease: From Observation to Mechanistic Insight and from Insight to Therapeutics (p121)

WORKSHOPS
Advances and Challenges in Incorporation of Mode of Action in Human Health Risk Assessment (p121)
Alternative and Integrated Approaches to Skin Sensitization Testing (p122)
Thyroid Hormone Disruption: From Kinetics to Dynamics (p123)

INFORMATIONAL SESSION
Animal Rights Extremism and the Responsible Use of Animals in Research: The Past, Present, and Future (p123)

Tuesday, March 27

7:30 AM–8:50 AM
ROUND TABLE
New Computational Strategies for Reducing Chemical Residues in Food of Animal Origin (p130)

HISTORICAL HIGHLIGHT
Fluoridation: Science Meets Policy (p131)

INFORMATIONAL SESSION
New Frontiers in Environmental Sciences and Human Health: Implementation Update on the NIEHS Strategic Plan (p131)
Wednesday, March 28

7:30 AM–8:50 AM

KEYNOTE MRC LECTURE

The Genetic Control of Programmed Cell Death in The Nematode Caenorhabditis Elegans
Nobel Laureate Robert Horvitz (p187)

8:00 AM–8:50 AM

SYMPOSIA

Biliary Hyperplasia and Cholestasis: Relevance to Human Risk Assessment (p188)
Epigenetic Regulation in Development, Reproduction and Disease: Implications for Toxicology (p188)
Modeling a Mixture: PBPK/PD Approaches for Predicting Chemical Interactions (p189)

WORKSHOPS

Advances in Causation, Diagnosis and Therapy of Parkinson and Parkinson-Like Movement Disorders: Views from Toxicologists and Clinicians (p190)
Approaches to Assessing Whether a Carcinogen is Acting via a Genotoxic Mode of Action? (p190)
Can Species and Strain Differences in Dioxin Sensitivity Be Explained by Differences in the Ah Receptor? (p191)
Current Considerations in Setting Exposure Guidance for Sensory and Respiratory Tract Irritation (p192)

PLATFORM SESSIONS

Cardiovascular Toxicity (p192)
Hypersensitivity: Th1 and Th2 Responses (p193)
Immunotoxicology: Apoptosis and TCD (P193)
Toxicogenomics: Genotoxic Mode of Action (p194)

9:00 AM–12:30 PM

SYMPOSIA

Nervous System: Effects and Mechanisms (p196)
Nanoparticles: Ecological and Health Effects (p195)
Genetic Polymorphisms (p209)
Food Safety/Nutrition (p198)
Arsenic Toxicity (p200)

WORKSHOPS

Arsenic Toxicity (p200)
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Genetic Polymorphisms (p209)
Nanoparticles: Ecological and Health Effects (p195)
Nervous System: Effects and Mechanisms In Vivo (p202)
Receptors (p196)
Risk Assessment 1 (p205)
Safety Assessment: Non-Pharmaceutical (p203)
Signalling and Gene Regulation (p208)

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**SPECIAL EVENTS Sponsored by the SOCIETY OF TOXICOLOGY**

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<td><em>Paracelus</em> Goes to School Student Workshop (p74)</td>
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<td><strong>Saturday, March 24</strong></td>
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<td>Committee Chair Orientation (p74)</td>
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<td>4:00 PM–7:00 PM</td>
<td>Registration Desk Opens</td>
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<td><strong>Sunday, March 25</strong></td>
<td>8:00 AM–5:00 PM</td>
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<td>Welcoming Reception (p75)</td>
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<td>25-Year (or More) Member Reception (p75)</td>
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<td>7:30 AM–2:15 PM</td>
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<td>9:30 AM–11:15 AM</td>
<td>Poster Session for Visiting Students (p76)</td>
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<td>12:15 PM–1:30 PM</td>
<td><em>In Vitro</em> Toxicology Lecture for Students (p100)</td>
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<td>Specialty Section Meetings/Luncheons: Comparative and Veterinary, Toxicologic and Exploratory Pathology (p100)</td>
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<td>Korean Toxicologist Association in America Special Interest Group Meeting/Reception (p129)</td>
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<td>5:00 PM–6:30 PM</td>
<td>American Association of Chinese in Toxicology Special Interest Group Lecture, Business Meeting, and Reception (p129)</td>
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<td>6:00 PM–7:30 PM</td>
<td>Specialty Section Meetings/Receptions: Inhalation and Respiratory, Mechanisms, Mixtures, Regulatory and Safety Evaluation, Reproductive and Development, Risk Assessment (p130)</td>
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<td>Specialty Section Meetings/Luncheons: Nanotoxicology, Occupational and Public Health (p158)</td>
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<td>5:00 PM–6:00 PM</td>
<td>Hispanic Organization for Toxicologists Special Interest Group Meeting/Reception (p185)</td>
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<td>Specialty Section Meetings/Receptions: Dermal, Ethical, Legal, and Social Issues, Immunotoxicology, <em>In Vitro</em>, Molecular Biology (p185)</td>
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<td><strong>Wednesday, March 28</strong></td>
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<td>Postdoctoral Assembly Luncheon (p212)</td>
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<td>4:45 PM–5:15 PM</td>
<td>Public Forum for Student and Postdoctoral Fellows with SOT Council (p236)</td>
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<td>Specialty Section Meetings/Receptions: Biological Modeling, Carcinogenesis, Drug Discovery, Food Safety, Metals, Neurotoxicology (p236)</td>
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