

Scientific Session Index

All sessions will be held at the Walter E. Washington Convention Center.

General Scientific Sessions

(Listed by type, then date and time)

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| EC Education-Career Development Sessions | RI Regional Interest Session |
| FS Featured Sessions | R Roundtable Sessions |
| HH Historical Highlights | S Symposium Sessions |
| IS Informational Sessions | T Thematic Sessions |
| PL Platform Sessions | W Workshop Sessions |
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Exhibitor Hosted Sessions are informative sessions developed by an exhibiting company. The Exhibitor Hosted Session Index is located on pages 41–42.

Monday

SYMPOSIUM SESSIONS **S**

Date/Time	Topic/Abstract #	Room	Page
Monday 9:15 AM	Emerging Issues at the Intersection of Reproductive and Mixtures Toxicology #16–21	Room 143	116
Monday 9:15 AM	Environmental Oxidative Pollutant-Induced Pulmonary Toxicity #22–27	Room 151	117
Monday 9:15 AM	High Content Imaging—Applications in Toxicology and Toxicity Testing #28–33	Room 150	118
Monday 9:15 AM	Ribotoxic Stress: Mechanisms and Models for Human Disease #34–39	Room 207	118

WORKSHOP SESSIONS **W**

Date/Time	Topic/Abstract #	Room	Page
Monday 9:15 AM	Disease Prevention: The Next 50 Years #40–46	Room 144	119
Monday 9:15 AM	New Approaches for Integrating Toxicological and Epidemiological Data to Better Inform Risk Assessment #47–52	Room 145	120

PLATFORM SESSIONS **PL**

Date/Time	Topic/Abstract #	Room	Page
Monday 9:15 AM	Nanotoxicology—Carbon Nanotubes and Carbon Nanoparticles #53–61	Room 206	120
Monday 9:15 AM	New Insights into Male Reproductive Toxicology #62–70	Room 202A	121
Monday 9:15 AM	Use of Embryonic Stem Cells in Toxicology #71–79	Room 204	122

POSTER SESSIONS **PS**

*Author attended 9:30 AM–11:00 AM; otherwise author attended 11:00 AM–12:30 PM. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Monday 9:30 AM	* Hypersensitivity: Methods and Mechanisms #80–98 Poster Boards 101–119	Exhibit Hall	123
Monday 9:30 AM	Epigenetic Mechanisms #99–110 Poster Boards 125–136	Exhibit Hall	124
Monday 9:30 AM	* DNA Replication and Repair #111–122 Poster Boards 137–148	Exhibit Hall	125
Monday 9:30 AM	Bioinformatic Profiling and Computational Pathway Prediction #123–159 Poster Boards 212–248	Exhibit Hall	126
Monday 9:30 AM	* Neurodegenerative Diseases #160–182 Poster Boards 301–323	Exhibit Hall	129
Monday 9:30 AM	Cardiovascular Toxicology #183–218 Poster Boards 325–360	Exhibit Hall	131
Monday 9:30 AM	* Carcinogenesis I #219–250 Poster Boards 401–432	Exhibit Hall	133
Monday 9:30 AM	Inflammatory Mediators in Disease Pathogenesis #251–264 Poster Boards 435–448	Exhibit Hall	136
Monday 9:30 AM	* Metals I #265–292 Poster Boards 501–528	Exhibit Hall	137
Monday 9:30 AM	Metals II #293–314 Poster Boards 537–548 and 601–610	Exhibit Hall	139
Monday 9:30 AM	* Genotoxicity #315–343 Poster Boards 613–641	Exhibit Hall	142
Monday 9:30 AM	Receptor and Receptor-Mediated Toxicity #344–379 Poster Boards 701–736	Exhibit Hall	144
Monday 9:30 AM	* Cell Signaling and Gene Regulation #380–416 Poster Boards 801–837	Exhibit Hall	147

ROUNDTABLE SESSION **R**

Date/Time	Topic/Abstract #	Room	Page
Monday 12:10 PM	Reforming the Toxic Substances Control Act (TSCA): Challenges, Opportunities, and Timing #417	Room 144	151

Scientific Session Index (Continued)

INFORMATIONAL SESSION **IS**

Date/Time	Topic/Abstract #	Room	Page
Monday 12:10 PM	The International Cooperation on Alternative Test Methods (ICATM): Translating Science to Provide Improved Public Health Safety Assessment Tools #418	Room 143	152

EDUCATION-CAREER DEVELOPMENT SESSION **EC**

Date/Time	Topic/Abstract #	Room	Page
Monday 12:10 PM	Social Media and Informatics Essentials for Toxicologists #419	Room 147	152

POSTER SESSIONS **PS**

*Author attended 1:00 PM–2:45 PM; otherwise author attended 2:45 PM–4:30 PM. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Monday 1:00 PM	* Drug Induced Liver Injury #420–443 Poster Boards 101–124	Exhibit Hall	153
Monday 1:00 PM	Acetaminophen Hepatotoxicity #444–463 Poster Boards 129–148	Exhibit Hall	155
Monday 1:00 PM	* Risk Assessment: Computational Approaches, Analyses, and Applications #464–505 Poster Boards 207–248	Exhibit Hall	157
Monday 1:00 PM	Animal Models in Toxicological Research #506–534 Poster Boards 301–329	Exhibit Hall	160
Monday 1:00 PM	* Animal Models in Toxicology #535–562 Poster Boards 333–360	Exhibit Hall	162
Monday 1:00 PM	Inhalation and Cardiopulmonary Toxicology #563–609 Poster Boards 401–447	Exhibit Hall	164
Monday 1:00 PM	* Children's Health/Juvenile Toxicology #610–630 Poster Boards 501–521	Exhibit Hall	168
Monday 1:00 PM	Skin #631–648 Poster Boards 525–542	Exhibit Hall	169
Monday 1:00 PM	* Immunotoxicity: Methods and Evaluation #649–667 Poster Boards 547–548 and 601–617	Exhibit Hall	171
Monday 1:00 PM	Mechanisms of Immunotoxicity #668–698 Poster Boards 618–648	Exhibit Hall	172
Monday 1:00 PM	* Biological Modeling: Computational Approaches, Mixtures, Multiroute and Lifestage Applications #699–737 Poster Boards 701–736 and 846–848	Exhibit Hall	175

Monday 1:00 PM	Kidney #738–774 Poster Boards 801–837	Exhibit Hall	178
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Monday 1:00 PM	* Pharmaceutical Safety Assessment: Therapeutic Agents #775–812 Poster Boards 901–938	Exhibit Hall	181
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SYMPOSIUM SESSIONS **SS**

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Monday 2:00 PM	Epigenetics, Metals, and Cancer #813–818	Room 151	184
Monday 2:00 PM	Human Variability in Susceptibility to Environmental Toxicants #819–824	Room 207	185
Monday 2:00 PM	Toxicological Considerations in the Gulf of Mexico Oil Spill #825–830	Room 204	185
Monday 2:00 PM	Translational Toxicology: Molecules to Global Health #831–835	Room 147	186
Monday 2:00 PM	Vascular Developmental Toxicity: Identification, Prioritization, and Application #836–840	Room 206	186

WORKSHOP SESSIONS **WS**

Date/Time	Topic/Abstract #	Room	Page
Monday 2:00 PM	Protein Aggregation As a Common Mechanism of Toxicity in Neurodegenerative Diseases #841–845	Room 143	187
Monday 2:00 PM	Technical Characterization and Dosimetry Challenges Associated with Conducting or Interpreting Nanotoxicity #846–851	Room 145	187
Monday 2:00 PM	Understanding Structural and Physical Chemical Drivers of Drug Toxicity: Utility and Translatable Value #852–857	Room 144	188

PLATFORM SESSIONS **PL**

Date/Time	Topic/Abstract #	Room	Page
Monday 2:00 PM	Advancing Assessment Approaches: Pesticides and Other Key Contaminants #858–866	Room 202B	189
Monday 2:00 PM	Alternative Methods in Developmental Neurotoxicology: Validation and Application #867–873	Room 201	189
Monday 2:00 PM	Biomarkers of Carcinogenesis #874–880	Room 202A	190

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Tuesday

ROUNDTABLE SESSIONS 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 6:30 AM	Current Uses and Understanding of the Tissue Cross Reactivity Assay #881	Room 144	193
Tuesday 6:30 AM	Risk and Risk Management of Potentially Toxic Compounds Formed by Cooking Food #882	Room 143	193

INFORMATIONAL SESSION 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 6:30 AM	Emerging Science for Environmental Health Decisions: Tools, Strategies, and Evidence #883	Room 147	194

SYMPOSIUM SESSIONS 

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Tuesday 9:00 AM	Metabolic Basis of Respiratory Tract Chemical Toxicity #884-889	Room 206	195
Tuesday 9:00 AM	Stem Cell Biology and Cell Therapy Approaches to Understanding Cellular Injury and Wound Healing in Dermal, Ocular, and Pulmonary Injury #890-895	Room 202A	196
Tuesday 9:00 AM	Uncovering the Role of Non-Coding RNAs in Toxicology #896-901	Room 147	196

WORKSHOP SESSIONS 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 9:00 AM	Identification of Chemical Respiratory Allergens: Principles and New Developments #902-907	Room 207	197
Tuesday 9:00 AM	Safer Products for a Sustainable World: Linking Chemical Design and Toxicology #908-913	Room 144	197
Tuesday 9:00 AM	Using Mode of Action Data to Guide Quantitative Cancer Risk Assessment: A Case Study of Hexavalent Chromium in Drinking Water #914-921	Room 143	198

HISTORICAL HIGHLIGHTS SESSION 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 9:00 AM	1961 to 2011 and Beyond: The Evolution of Toxicology #922-926	Room 151	199

REGIONAL INTEREST SESSION 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 9:00 AM	Bombs in Our Backyards? Historical Military Activities and Current Public Health Issues in the U.S. Capital Region #927-933	Room 150	199

PLATFORM SESSIONS 

Date/Time	Topic/Abstract #	Room	Page
Tuesday 9:00 AM	Computational Approaches to Address DILI and Hepatotoxicity #934-941	Room 204	200
Tuesday 9:00 AM	Epigenetic Mechanisms in Development and Disease #942-950	Room 201	200
Tuesday 9:00 AM	Gene Regulatory Mechanisms of Carcinogenesis #951-958	Room 202B	201

POSTER SESSIONS 

**Author attended 9:00 AM-11:00 AM; otherwise author attended 11:00 AM-12:30 PM. Poster Board Surface Maps are on pages 104-107.*

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Tuesday 9:00 AM	* Alternative Approaches to Animal Testing for Toxicological Research #959-989 Poster Boards 118-148	Exhibit Hall	202
Tuesday 9:00 AM	Alternatives to Mammalian Models for Testing #990-1021 Poster Boards 217-248	Exhibit Hall	204
Tuesday 9:00 AM	* Reproductive Toxicology I #1022-1048 Poster Boards 301-327	Exhibit Hall	207
Tuesday 9:00 AM	Reproductive Toxicology II #1049-1076 Poster Boards 333-360	Exhibit Hall	209
Tuesday 9:00 AM	* Hepatotoxicity #1077-1107 Poster Boards 401-431	Exhibit Hall	211
Tuesday 9:00 AM	Cholestasis, Lipid Homeostasis, and Liver Toxicity #1108-1120 Poster Boards 436-448	Exhibit Hall	213
Tuesday 9:00 AM	* Ah Receptor in Immune Regulation and Toxicity #1121-1139 Poster Boards 501-519	Exhibit Hall	214
Tuesday 9:00 AM	ImmunoSafety Methods in Non-Rodents #1140-1152 Poster Boards 522-534	Exhibit Hall	216
Tuesday 9:00 AM	* Stem Cell Toxicology #1153-1173 Poster Boards 601-621	Exhibit Hall	216
Tuesday 9:00 AM	Nanotoxicology: Carbon Nanotubes, Carbon Nanoparticulates, and Quantum Dots #1174-1197 Poster Boards 625-648	Exhibit Hall	218

Scientific Session Index (Continued)

Tuesday 9:00 AM	* Epidemiology and Exposure Evaluations #1198–1229 Poster Boards 701–732	Exhibit Hall	220	Tuesday 1:00 PM	* Risk Assessment and Regulatory Policy Applications #1516–1540 Poster Boards 524–548	Exhibit Hall	249
Tuesday 9:00 AM	Exposure Assessments and Biomonitoring Applications #1230–1268 Poster Boards 801–839	Exhibit Hall	223	Tuesday 1:00 PM	Safety and Risk Assessment: Critical Characterizations for Chemicals and New Concerns #1541–1582 Poster Boards 601–642	Exhibit Hall	250
Tuesday 9:00 AM	* Oxidative Stress and Redox Biology #1269–1308 Poster Boards 901–940	Exhibit Hall	225	Tuesday 1:00 PM	* 'Omics in Toxicology Research #1583–1606 Poster Boards 701–724	Exhibit Hall	253

ROUNDTABLE SESSION **R**

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Tuesday 12:00 PM	Integrating Alternative Test Methods into the Federal Regulatory Framework #1309	Room 143	230

Tuesday 1:00 PM	Developmental Toxicology #1607–1647 Poster Boards 801–841	Exhibit Hall	255
Tuesday 1:00 PM	* Apoptosis/Cell Death #1648–1673 Poster Boards 901–926	Exhibit Hall	258
Tuesday 1:00 PM	Biomarkers of Environmental Exposures #1674–1696 Poster Boards 731–736 and 843–848 and 930–940	Exhibit Hall	260

INFORMATIONAL SESSIONS **IS**

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Tuesday 12:00 PM	Coordinating Global Chemical Safety: The Big Four #1310	Room 144	231
Tuesday 12:00 PM	Livers on a Plate: Next Generation Hepatocyte Models for High-Throughput Screening and Mode of Action Prediction #1311	Room 147	231

SYMPOSIUM SESSIONS **S**

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Tuesday 1:30 PM	Developmental Origins of Adult Disease: The Effects of Low-Dose Lead #1697–1701	Room 144	263
Tuesday 1:30 PM	Does the Clock Make the Poison? Influence of the Circadian Clock on Toxicological Mechanisms and Outcomes #1702–1708	Room 204	263
Tuesday 1:30 PM	Macrophages: Regulators of Toxicity and Disease Pathogenesis #1709–1714	Room 143	264
Tuesday 1:30 PM	When Is Exposure Not Exposure? Defining the Dose-Response Region between "Effect" and "Adverse Effect" Implications for Human Health Risk Assessment #1715–1721	Room 147	265

POSTER SESSIONS **PS**

*Author attended 1:00 PM–2:45 PM; otherwise author attended 2:45 PM–4:30 PM. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Tuesday 1:00 PM	* Medical Devices #1312–1323 Poster Boards 101–112	Exhibit Hall	232
Tuesday 1:00 PM	Neurotoxicity of Pesticides #1324–1358 Poster Boards 114–148	Exhibit Hall	233
Tuesday 1:00 PM	* Genetic Polymorphisms #1359–1374 Poster Boards 201–216	Exhibit Hall	236
Tuesday 1:00 PM	Metal Neurotoxicity: Methylmercury and General #1375–1402 Poster Boards 221–248	Exhibit Hall	237
Tuesday 1:00 PM	* Mutagenicity #1403–1422 Poster Boards 301–320	Exhibit Hall	240
Tuesday 1:00 PM	Methods in Biomarker Discovery and Validation #1423–1452 Poster Boards 331–360	Exhibit Hall	241
Tuesday 1:00 PM	* Nanotoxicology #1453–1496 Poster Boards 401–444	Exhibit Hall	244
Tuesday 1:00 PM	Drug Allergy, Pseudoallergy, IDRH, and Autoimmunity #1497–1515 Poster Boards 501–519	Exhibit Hall	247

WORKSHOP SESSIONS **W**

Date/Time	Topic/Abstract #	Room	Page
Tuesday 1:30 PM	Nonclinical to Clinical Abuse Liability Assessment of Drugs: Current Practices, Challenges, and Impact of Recent Regulatory Guidance #1722–1727	Room 150	265
Tuesday 1:30 PM	Risk Assessment for Proteins Introduced into Genetically Modified Crops #1728–1733	Room 207	266
Tuesday 1:30 PM	The Spectrum of Systems Biology #1734–1739	Room 151	267

Scientific Session Index (Continued)

PLATFORM SESSIONS **PL**

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Tuesday 1:30 PM	Chemical and Biological Weapons—Sulfur Mustard Effects #1748–1756	Room 145	268
Tuesday 1:30 PM	Nanotoxicology—Nanosilver Particulates #1757–1764	Room 202A	268

WORKSHOP SESSIONS **W**

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Wednesday 9:00 AM	Approaches for Incorporating Non-Chemical Stressors into Cumulative Risk Assessments #1792–1796	Room 204	276
Wednesday 9:00 AM	Extending Pulmonary Toxicity Findings for Nanomaterials #1797–1803	Room 206	276
Wednesday 9:00 AM	Understanding the Implications of Preclinical Seizures for Clinical Drug Development #1804–1808	Room 145	277

Wednesday

HISTORICAL HIGHLIGHTS SESSION **HH**

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Wednesday 6:30 AM	50 Years of “the Pill”: Risk Reduction and Discovery of Benefits Beyond Contraception #1765	Room 147	271

PLATFORM SESSION **PL**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 9:00 AM	QSAR Approaches and Predictive Pathways #1809–1816	Room 147	278

INFORMATIONAL SESSIONS **IS**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 6:30 AM	Precision Cut Tissue Slices Revisited: A Classical Method Meets New Challenges #1766	Room 145	271
Wednesday 6:30 AM	The Application of the Threshold of Toxicological Concern Concept to the Preclinical Safety Assessment of Non-Pharmaceutical Medical Products, Including Medical Devices and Combination Drug-Device Products #1767	Room 150	272

POSTER SESSIONS **PS**

*Author attended 9:00 AM–11:00 AM; otherwise author attended 11:00 AM–12:30 PM. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Wednesday 9:00 AM	Xenobiotic Biotransformation #1817–1836 Poster Boards 101–120	Exhibit Hall	278
Wednesday 9:00 AM	Phase I and II Biotransformation Enzymes #1837–1864 Poster Boards 121–148	Exhibit Hall	280
Wednesday 9:00 AM	Toxicology Education: K–12 and Beyond #1865–1880 Poster Boards 201–216	Exhibit Hall	282
Wednesday 9:00 AM	Safety Testing of Pharmaceuticals #1881–1893 Poster Boards 301–313	Exhibit Hall	283
Wednesday 9:00 AM	Pharmaceutical Safety Assessment: Novel Methods #1894–1932 Poster Boards 322–360	Exhibit Hall	284
Wednesday 9:00 AM	Risk Assessment: Conceptual Constructs and Current Controversies #1933–1967 Poster Boards 407–441	Exhibit Hall	287
Wednesday 9:00 AM	Arsenic #1968–2009 Poster Boards 501–542	Exhibit Hall	289
Wednesday 9:00 AM	Chemical and Biological Weapons #2010–2050 Poster Boards 601–641	Exhibit Hall	293
Wednesday 9:00 AM	Nanotoxicology: Metal Oxides, Silver, Gold, and Silica Nanoparticle Toxicity #2051–2085 Poster Boards 701–735	Exhibit Hall	296

EDUCATION-CAREER DEVELOPMENT SESSION **EC**

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Wednesday 6:30 AM	From Pilot Grants to High-End Journals: The Science of Writing #1768	Room 144	272

SYMPOSIUM SESSIONS **S**

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Wednesday 9:00 AM	Autism: Genetic, Epigenetic, and Environmental Factors Influencing Neural Networks #1769–1773	Room 202A	273
Wednesday 9:00 AM	Gene-Environment Disease Interactions in Fish Models of Human Disease #1774–1779	Room 144	274
Wednesday 9:00 AM	Mechanisms of Inflammation in Skin Carcinogenesis #1780–1785	Room 150	275
Wednesday 9:00 AM	New Insights into the Nrf2–Keap1 Pathway and Its Impact on Human Disease #1786–1791	Room 143	275

Scientific Session Index (Continued)

Wednesday 9:00 AM	Pesticides: General #2086–2120 Poster Boards 801–835	Exhibit Hall	299	Wednesday 1:00 PM	* Aquatic and Ecotoxicology #2378–2409 Poster Boards 701–731	Exhibit Hall	325
Wednesday 9:00 AM	* Metal Neurotoxicity: Manganese and Lead #2121–2151 Poster Boards 901–931	Exhibit Hall	302	Wednesday 1:00 PM	Food Safety and Nutrition #2410–2443 Poster Boards 801–834	Exhibit Hall	328

ROUNDTABLE SESSION **R**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 12:00 PM	'Omics in Toxic Tort #2152	Room 144	307

INFORMATIONAL SESSION **IS**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 12:00 PM	Current and Changing Perspectives on Mycotoxins and Their Potential Health Risks Worldwide #2153	Room 145	307

POSTER SESSIONS **PS**

*Author attended 1:00 PM–2:45 PM; otherwise author attended 2:45 PM–4:30 PM. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Wednesday 1:00 PM	* Nanotoxicology: <i>In Vitro</i> or <i>Ex Vivo</i> Studies #2154–2184 Poster Boards 118–148	Exhibit Hall	308
Wednesday 1:00 PM	Developmental Basis of Adult Disease #2185–2203 Poster Boards 230–248	Exhibit Hall	310
Wednesday 1:00 PM	* Cellular Effects of Natural Product Extracts #2204–2236 Poster Boards 301–333	Exhibit Hall	312
Wednesday 1:00 PM	Persistent Organic Compounds (POPs) #2237–2256 Poster Boards 341–360	Exhibit Hall	314
Wednesday 1:00 PM	* Pharmacokinetics and Disposition #2257–2285 Poster Boards 401–429	Exhibit Hall	316
Wednesday 1:00 PM	Risk Assessment: Models and Approaches for Inhaled Agents #2286–2302 Poster Boards 432–448	Exhibit Hall	318
Wednesday 1:00 PM	* Mechanistic Assessment of Chemical Mixtures #2303–2316 Poster Boards 501–514	Exhibit Hall	319
Wednesday 1:00 PM	Mechanisms of Aspiration Injury and Airway Disease #2317–2337 Poster Boards 516–536	Exhibit Hall	321
Wednesday 1:00 PM	* Toxicology of the Gulf Oil Spill #2338–2342 Poster Boards 601–605	Exhibit Hall	322
Wednesday 1:00 PM	Endocrine Toxicology #2343– 2377 Poster Boards 614–648	Exhibit Hall	323

SYMPOSIUM SESSIONS **S**

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Wednesday 1:30 PM	Autophagy in Toxicology: Essential Process, Adaptive Process, and Disease Process #2444–2449	Room 147	331
Wednesday 1:30 PM	Human Pluripotent Stem Cells and Neural Progenitors as Models of Gene-Environment Interactions in Neurological Disease #2450–2455	Room 150	331
Wednesday 1:30 PM	The Use of Epidemiological Data and PBPK Modeling in a Risk Assessment: Manganese As a Case Study #2456–2461	Room 145	332

WORKSHOP SESSIONS **W**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 1:30 PM	Advancing Predictive Ecotoxicology Testing and Environmental Risk Assessment in the 21st Century #2462–2467	Room 144	333
Wednesday 1:30 PM	De-Risking the Potential for Cardiovascular Toxicity of Type-2 Diabetic Drugs: Preclinical and Clinical Strategies #2468–2473	Room 204	333
Wednesday 1:30 PM	Meeting the Challenges of Respiratory Toxicology Testing— In Search of Best Practices #2474–2480	Room 206	334
Wednesday 1:30 PM	Polishing Today's Job Candidate in a Tough Economy #2481–2486	Room 202A	335

PLATFORM SESSIONS **PL**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 1:30 PM	Airborne Particulates and Health Effects #2487–2495	Room 143	335
Wednesday 1:30 PM	Nrf2 and Antioxidant Response Networks #2496–2503	Room 202B	336

Scientific Session Index (Continued)

ROUNDTABLE SESSION **R**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 4:30 PM	Assessment of Nanoparticle Exposure in Occupational Settings and in Inhalation Toxicology Studies: Is There a Best Dosemetric to Use? #2504	Room 144	337

INFORMATIONAL SESSIONS **I**

Date/Time	Topic/Abstract #	Room	Page
Wednesday 4:30 PM	Progress of the Tox21 Consortium in High-Throughput Bioactivity Profiling of Chemicals #2505	Room 143	338
Wednesday 4:30 PM	Toxicological Considerations of Pharmacotherapy during Pregnancy #2506	Room 145	338

Thursday

INFORMATIONAL SESSION **I**

Date/Time	Topic/Abstract #	Room	Page
Thursday 6:30 AM	Beyond Science and Decisions: From Problem Formulation to Dose-Response #2507	Room 143	340

EDUCATION-CAREER DEVELOPMENT SESSION **EC**

Date/Time	Topic/Abstract #	Room	Page
Thursday 6:30 AM	Bringing Toxicology to the Decision-Makers Table: Opportunities for Science Policy Positions in Washington, D.C. #2508	Room 145	341

POSTER SESSIONS **PS**

*Author attended 8:30 AM–10:15 AM; otherwise author attended 10:15 AM–12:00 NOON. Poster Board Surface Maps are on pages 104–107.

Date/Time	Topic/Abstract #	Room	Page
Thursday 8:30 AM	* Alternatives to Mammalian Models #2509–2542 Poster Boards 101–134	East Salon	341
Thursday 8:30 AM	Alternatives to Animal Models in Toxicology #2543–2575 Poster Boards 137–169	East Salon	344
Thursday 8:30 AM	* Disease Prevention #2576–2593 Poster Boards 177–194	East Salon	346
Thursday 8:30 AM	Developmental Neurotoxicity: General #2594–2629 Poster Boards 201–236	East Salon	348
Thursday 8:30 AM	* Carcinogenesis II #2630–2661 Poster Boards 241–272	East Salon	351

SYMPOSIUM SESSIONS **S**

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Thursday 9:00 AM	Developmental Exposure to Environmental Toxicants: From Persistent Toxicities to Diseases #2662–2668	Room 143	354
Thursday 9:00 AM	Vascular Injury: A Figment of Your Inflammation? #2669–2674	Room 150	354

WORKSHOP SESSIONS **W**

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Thursday 9:00 AM	Are We There Yet? Attrition in the Pharmaceutical Industry and Impactful Strategies for Reducing Failure #2675–2681	Room 151	355
Thursday 9:00 AM	Autoimmunity versus Systemic Hypersensitivity: Commonalities Useful for Immunotoxicity Testing #2682–2687	Room 201	355
Thursday 9:00 AM	PBPK Model Use in Risk Assessment: Why Being Published Is Not Enough #2688–2693	Room 145	356
Thursday 9:00 AM	Role of Biomarkers in Assessing Tobacco Harm Reduction: A Toxicological Perspective #2694–2699	Room 144	357