

SOT

MARCH 16-20

ORLANDO

SATURDAY, MARCH 15

5:00 PM		
5:30 PM	Undergrad Diversity Program <i>(Awardees and Guests Only)</i>	
6:00 PM		
6:30 PM		
7:00 PM		
7:30 PM		
8:00 PM		
8:30 PM		
9:00 PM		
		Undergrad Diversity Program Reunion

CE Minicourses
*(Add-On Event,
7:00-7:45 AM)*

SUNDAY, MARCH 16

Before 8 AM		
8:00 AM	Continuing Education Courses <i>(Add-On Event)</i>	Undergrad Education Program <i>(Add-On Event)</i>
8:30 AM		
9:00 AM		
9:30 AM		
10:00 AM		
10:30 AM		
11:00 AM		
11:30 AM		
12 Noon		
12:30 PM		
1:00 PM	Continuing Education Courses <i>(Add-On Event)</i>	Awards Ceremony and Music <i>(4:45-6:30 PM)</i> Welcome Reception <i>(6:30-7:30 PM)</i> 25-Year (or More) Member Reception <i>(7:00-8:00 PM)</i> Student/Postdoc Mixer <i>(7:30-9:00 PM)</i>
1:30 PM		
2:00 PM		
2:30 PM		
3:00 PM		
3:30 PM		
4:00 PM		
4:30 PM		
5:00 PM		
5:30 PM		
6:00 PM		
After 6 PM		

Early Morning Mini-courses

7:00–7:45 AM

CE • Implementing Machine-Learning Approaches in PBPK and QSAR Models to Predict Properties of Xenobiotics
(Room W307A)

CE • Navigating Data Management and Sharing in Computational and Predictive Toxicology
(Room W308A)

SUNDAY, MARCH 16	8:00 AM	8:30 AM	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12 Noon	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM	5:30 PM	6:00 PM					
Room W202A	CE • Dosimetry for Inhaled Substances: Advancing <i>In Silico</i> Modeling and Quantitative <i>In Vitro</i> Workflows										CE • Physiologically Based Kinetic Modeling Made Simple: A Nonprogrammer's Guide to Chemical Risk Assessment															
Room W203A	CE • Key Considerations of NAM Development for Global Regulatory Harmonization										CE • Complexity of Food Packaging: Formulation, Safety, Regulation, Innovation, and Recycling															
Room W204A	CE • Roadmap for Safety Evaluation of Emerging Consumer Products: Application and Adaptation of Existing Practices										CE • Tackling Risk Communication Challenges: Lessons from Expert Voices and Case Studies															
Room W205A	CE • The Tox Side of Food: Building Comprehensive Safety Assessments										CE • Utilizing New Approach Methodologies (NAMs) for Regulatory Assessment of Developmental Neurotoxicity: Progress and Prospects															
Room W206A																										
Room W304A																										
Room W307A	CE • Fit-for-Purpose Methods to Fulfill 21st-Century Chemical Risk Assessment										CE • Seeing Ocular Pathology: Best Practices for Ophthalmic Endpoints in Ocular Toxicity Studies															
Room W308A	CE • Environmentally Focused Knowledgebases: Past, Present, and Future										CE • Advances and Applications of Proteomics in Toxicity Assessment															
Room W304E																										

MONDAY, MARCH 17

Before 8 AM

Past Presidents' Breakfast
(6:30–8:00 AM)

8:00 AM

Opening Plenary Session

"A Changing Earth System: Risks to Human Health"
Speaker: Kimberley Miner, PhD, Earth Scientist

8:30 AM

9:00 AM

9:30 AM

Exhibitor-Hosted Sessions

Symposium, Workshop, and Platform Sessions

Poster Sessions

Trainee Discussion
(Add-On Event)

Global Collaboration Coffee

10:00 AM

10:30 AM

11:00 AM

Exhibitor-Hosted Sessions

Distinguished Toxicology Scholar Award Lecture

11:30 AM

12 Noon

12:30 PM

ToxExpo Exhibits

Exhibitor-Hosted Sessions

Informational Sessions

In Vitro Lecture and Luncheon for Students
(Add-On Event)

ALL-DAY EVENTS

- Mentorship Lounge
- Tiny Tox Talks
- Undergraduate Diversity Program

1:00 PM

1:30 PM

2:00 PM

Exhibitor-Hosted Sessions

Symposium, Workshop, and Platform Sessions

Poster Sessions

2:30 PM

3:00 PM

Exhibitor-Hosted Sessions

Research Funding Insights Session: Funding 101: Grant Opportunities and Tips for Toxicologists

3:30 PM

4:00 PM

4:30 PM

Undergraduate Educator Network Meeting

5:00 PM

Component Group Events

(see App or Online Planner for details)

SOT/EUROTOX Debate

5:30 PM

6:00 PM

After 6 PM

MONDAY, MARCH 17	8:00 AM	8:30 AM	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12 Noon	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM	5:30 PM	6:00 PM			
Room W202A	Opening Plenary Session "Climate Risks to Human Health" W Hall A4		SYMPOSIUM • Evolution of Human Health Risk Assessment: New Science and Approaches That Are Ready for Primetime										SYMPOSIUM • Diving Deeper into Mechanisms of Neurotoxicity: Integrating Molecular, Behavioral, Pathological, and Imaging Assessments in Zebrafish...											
Room W203A			WORKSHOP • Developmental Immunotoxicology: A Comparison Between Traditional and New Approach Methods						INFORMATIONAL • Nonessential Heavy Metals in Food: How Low Should We Go?			SYMPOSIUM • Living in a Chemical World: Identification and Characterization of Emerging Contaminants of Concern and Need for New Regulatory Approaches												
Room W204A			SYMPOSIUM • Into the Wild: Exploring Toxic Chemical Effects in Wildlife Species										SYMPOSIUM • Leveraging AI and Genomics in Gene and Cell Therapies for Advancing Personalized Medicine Approaches in Safety Assessments											
Room W205A			WORKSHOP • Neurotoxicology and Brain Health Outcomes of Nanoparticles										WORKSHOP • Into the Fire: Exploring Firefighter Exposures and Health											
Room W206A			SYMPOSIUM • Navigating Complexity: How 'Omics in Short-Term Animal Studies Are Optimizing and Accelerating Chemical Risk Assessment						INFORMATIONAL • Accelerating Acceptance of New Approach Methodologies..			PLATFORM • Liver Let Live: Use Your Mechanism I												
Room W304A			PLATFORM • Feeling Hot Hot Hot: Exploring...			Distinguished Toxicology Scholar Award Lecture							SYMPOSIUM • Qualifying NAMs for Developmental and Reproductive Toxicity: Advancements and Pitfalls											
Room W307A			SYMPOSIUM • When <i>In Vitro</i> Applied Dose ≠ Actual Dose: Overcoming Challenges for Next-Generation Risk Assessment for Difficult-to-Test Substances						INFORMATIONAL • Recent Advances in Exposure Predictions...			SYMPOSIUM • Circadian Rhythms in Environmental Toxicology and Chronic Diseases						SOT/EUROTOX DEBATE • Are Electric Vehicles Actually Bad for the Environment?						
Room W308A			WORKSHOP • Protecting Those Who Serve: Advances in Military Environmental Exposures Research										SYMPOSIUM • Is the Microenvironment Key to Unraveling Cancer's Origins?											
Room W304E			SYMPOSIUM • Beyond Inflammation: Toxicities Associated with Ocular Therapeutics						INFORMATIONAL • A Cross-Industry Perspective on Exposure-Driven Human...			SYMPOSIUM • Single-Cell RNA Sequencing Unravels Xenobiotic-Induced Alterations in Complex Biological Systems												

Exhibitor-Hosted Sessions																					
Room W208A				IDEXX BioAnalytics			Pharmaron			Lhasa Limited			Eurofins			Gradient					
Room W208B				Sequani Limited			Ellegaard Göttingen Minipigs A/S			CN Bio			JOINN-Biomere			Marshall BioResources					
Room W208C				ToxStrategies LLC			Charles River			MultiCASE Inc.			National Toxicology Program			Evotec					
Room W209A				Scantox A/S			Frontage			Altasciences			Worldwide Clinical Trials			WuXi AppTec					

TUESDAY, MARCH 18

Before 8 AM

8:00 AM

8:30 AM

9:00 AM

9:30 AM

10:00 AM

10:30 AM

11:00 AM

11:30 AM

12 Noon

12:30 PM

1:00 PM

1:30 PM

2:00 PM

2:30 PM

3:00 PM

3:30 PM

4:00 PM

4:30 PM

5:00 PM

5:30 PM

6:00 PM

After 6 PM

ToxExpo Exhibits

**Smoothie Schmooze
(3:00–4:15 PM)**

Exhibitor-Hosted Sessions

Exhibitor-Hosted Sessions

Exhibitor-Hosted Sessions

Exhibitor-Hosted Sessions

Exhibitor-Hosted Sessions

Symposium and Workshop Sessions

Symposium and Education-Career Development Sessions

Symposium, Workshop, and Platform Sessions

Symposium, Workshop, Roundtable, and Platform Sessions

SOT Mentoring Breakfast
(7:30–9:00 AM)

Poster Sessions

Poster Sessions

Component Group Events
(see App or Online Planner for details)

Tox ShowDown
(7:30–9:00 PM)

Leading Edge in Basic Science Award Lecture

Engagement Session
(1:00–2:30 PM)

Merit Award Lecture
(1:00–2:00 PM)

Component Group Events
(See App or Online Planner for details)

Postdoctoral Assembly Luncheon
(Add-On Event, Noon–1:15 PM)

Undergrad Gab with a Grad over Grub
(12:30–1:45 PM)

Career Exploration through Speed Informational Interviews
(Add-On Event, 1:45–3:00 PM)

AACT Symposium

Hot Topic Session

SOT/EUROTOX Roundtable

ALL-DAY EVENTS

- Mentorship Lounge
- Tiny Tox Talks

WEDNESDAY, MARCH 19

Before 8 AM							
8:00 AM			Symposium, Workshop, and Platform Sessions		SOT and Japanese Society of Toxicology Symposium		
8:30 AM							
9:00 AM	ToxExpo Exhibits	Exhibitor-Hosted Sessions					
9:30 AM							
10:00 AM				Translational Impact Award Lecture			
10:30 AM				Poster Sessions			
11:00 AM		Exhibitor-Hosted Sessions	Informational, Education-Career Development, and Platform Sessions		EUROTOX Award Lecture		
11:30 AM							
12 Noon							
12:30 PM		Exhibitor-Hosted Sessions		Component Group Events <i>(see App or Online Planner for details)</i>			
1:00 PM							
1:30 PM			Symposium and Workshop Sessions		Engagement Session: Facing Inconvenient Truths		
2:00 PM	ToxExpo Exhibits	Exhibitor-Hosted Sessions				Hot Topic Session	
2:30 PM							
3:00 PM						Poster Sessions	
3:30 PM					Hot Topic Session		
4:00 PM							
4:30 PM							
5:00 PM	ALL-DAY EVENTS <ul style="list-style-type: none"> Mentorship Lounge Tiny Tox Talks 			Component Group Events <i>(see App or Online Planner for details)</i> President's Reception <i>(by invitation, 7:00–8:30 PM)</i>			
5:30 PM							
6:00 PM							
After 6 PM							

WEDNESDAY, MARCH 19	8:00 AM	8:30 AM	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	11:30 AM	12 Noon	12:30 PM	1:00 PM	1:30 PM	2:00 PM	2:30 PM	3:00 PM	3:30 PM	4:00 PM	4:30 PM	5:00 PM	5:30 PM	6:00 PM			
	Room W202A	SYMPOSIUM • Next-Generation In Vitro Neurotoxicology: Modeling Cognition-in-a-Dish											SYMPOSIUM • Clearing the Air: Health Effects of Secondhand and Thirdhand Vaping Exposure											
Room W203A	SYMPOSIUM • Progress of <i>In Silico</i> Methodologies for Chemical Safety Assessment						INFORMATIONAL • Skin Deep: Navigating the Evolution and Application...					SYMPOSIUM • Harnessing Generative AI: Revolutionizing Toxicology Research												
Room W204A	SYMPOSIUM • Launching Space Toxicology as a New Frontier Research Discipline: Academic, Industrial, and...											WORKSHOP • How Can We Use Alternative Approaches to Move Safety Evaluation of Medical Devices Forward?												
Room W205A	SYMPOSIUM • Exploring the Toxicological Impact of Micro- and Nanoplastics: Early-Stage Scientists' Perspective						PLATFORM • Faulty Filters: Mechanisms of Kidney Toxicity					SYMPOSIUM • Science and Practice of Characterizing Population Variability for Regulatory Decision-Making												
Room W206A	WORKSHOP • Global Implications of the Changing EU Expectations on Dose-Level Setting in Reproductive...											ENGAGEMENT SESSION • Facing Inconvenient Truths: How the Current Toxicology Research Ecosystem Limits Public and Environmental Health Protection												
Room W304A	PLATFORM • Damage in the Engine Room: Exploring...		Translational Impact Award Lecture		EUROTOX Award Lecture						WORKSHOP • Battle of the Sexes: Sexually Dimorphic Responses to <i>In Utero</i> Toxicant Exposures													
Room W307A	WORKSHOP • Incorporating Stress as a Variable into Toxicological Testing: Advancing Our Understanding of...						Ed-Career Dev • Building and Improving Undergraduate Programs...					WORKSHOP • Vaccine Toxicology in the Post-COVID Era												
Room W308A	WORKSHOP • Active Ingredient Degradation: Process and Challenges in Identification, Toxicological Limit...						PLATFORM • DARTing Toward Understanding Modes of Toxicity					HOT TOPIC SESSION • Unregulated Synthetic Nicotine Analogues ...		HOT TOPIC SESSION • Alcohol and Cancer: Kicking the Bucket from a Drop in the Bucket										
Room W304E	SOT AND JAPANESE SOCIETY OF TOXICOLOGY SYMPOSIUM • Emerging Frontiers in PFAS Research											SYMPOSIUM • Coming into Focus: The Role of DNA Repair Inhibition in Carcinogenesis Through the Lens of Metal-Induced DNA Damage...												

Exhibitor-Hosted Sessions

Room W208A		Clarivate	Charles River	InSphero, Inc.	Enhesa Sustainable Chemistry	NAMSA
Room W208B		Altis Biosystems, Inc.	Aragen Lifescience	Cyprotex	Certara	Sinclair Bio Resources
Room W208C		Simulations Plus, Inc.	Fraunhofer ITEM	STEMCELL Technologies, Inc.	BioAgilytix	Inotiv
Room W209A		BioIVT	WuXi AppTec	Instem	emka TECHNOLOGIES	MN-AM Molecular Networks Altamira

POSTER SESSIONS

MONDAY

9:15–11:45 AM

- Air Pollution Toxicology
- Air Pollution: Ozone
- Biomarkers
- Computational Toxicology I
- Developmental and Juvenile Toxicology
- Food Safety/Nutrition
- Neurotoxicity: Developmental I
- Neurotoxicity: Pesticides
- Pharmaceutical Safety and Drug Discovery
- Reproductive Toxicology I
- Respiratory Toxicology I
- Safety Assessment: Pharmaceutical—Drug Development I

TUESDAY

- ADME/Toxicokinetics
- Computational Toxicology II
- Drugs of Abuse
- Endocrine Toxicology
- Genotoxicity/DNA Repair
- Kidney
- Mathematical Modeling
- Metals I
- Neurotoxicity: Metals
- Reproductive Toxicology II
- Risk Assessment II
- Safety Assessment: Pharmaceutical—Drug Development II

WEDNESDAY

- Epidemiology and Public Health
- Immunotoxicity II
- Inflammation
- Liver: *In Vitro*
- Medical Devices
- Metals II
- New Approach Methods: *In Vitro* II
- Respiratory Toxicology II
- Risk Assessment III
- Stem Cell Biology and Toxicology
- Tobacco, ENDS, and Smoking-Related Toxicology I

1:45–4:15 PM

- Animal Models
- Bioinformatics
- Educating Future Toxicologists and Communicating with the Public
- Environmental Toxicology in a Changing Climate
- Ethical, Legal, Social, and Historical Issues
- Human Exposure Assessment/Biomonitoring
- Molecular Toxicology
- New Approach Methods: Computational
- New Approach Methods: *In Vitro* I
- PFAS I
- POPs
- Regulation/Policy
- Risk Assessment I
- Skin

- Air Pollution: Particulate Matter
- Chemical Threats and Bioterrorism
- Clinical and Translational Toxicology
- Genomics, Epigenetics, and Molecular Mechanisms
- Immunotoxicity I
- Nanotoxicology: *In Vitro*
- Neurodegeneration and Neurodegenerative Diseases
- Ocular Toxicology
- Pesticides
- PFAS II
- Safety Assessment: Non-pharmaceutical
- Skin Sensitization

- Carcinogenesis
- Cardiovascular Toxicology/Hemodynamics
- Ecotoxicology
- Liver: *In Vivo*
- Mixtures
- Nanotoxicology: *In Vivo*
- Natural Products
- Neurotoxicity: Developmental II
- Neurotoxicity: General
- New Approach Methods: General
- Systems Biology and Translational Toxicology
- Tobacco, ENDS, and Smoking-Related Toxicology II

THURSDAY, MARCH 20

8:00 AM		
8:30 AM	Symposium, Workshop, and Platform Sessions	Late-Breaking Poster Sessions
9:00 AM		
9:30 AM		
10:00 AM		
10:30 AM		
11:00 AM		
11:30 AM		
12 Noon		

	8:00 AM	8:30 AM	9:00 AM	9:30 AM	10:00 AM	10:30 AM	11:00 AM	12:00 Noon
Room W205A	PLATFORM • Rise of the Models: Machine Learning and Quantitative Analysis							
Room W307A	SYMPOSIUM • Endocrine Disruption and Non-EATS Modalities: State of the Science for Metabolic Disorders and Next Steps							
Room W204A	SYMPOSIUM • Translational Toxicology: Comparative <i>In Vivo</i> Models: Charting Efficacy and Safety in Cell and Gene Therapy							
Room W304E	WORKSHOP • Computational Dynamic Systems Models for Predictive Hazard Assessment							
Room W202A	WORKSHOP • Do the ENDS Justify the Means? Exploring Vaping Exposures Through Varied Models							
Room W304A	WORKSHOP • Integrating Epidemiological, Animal, and NAM Evidence to Move Beyond Correlation and into Causality							
Room W203A	WORKSHOP • Unlocking the Power of Read-Across for Safety Assessment: Current Practices and Approaches							

POSTER SESSIONS

THURSDAY

8:30–11:30 AM

- Late-Breaking 1: Air Pollution Toxicology; Cardiovascular Toxicology; Ecotoxicology; Education; Nanotoxicology; PFAS; Respiratory Toxicology
- Late-Breaking 2: Carcinogenesis; Chemical Threats; Developmental and Reproductive Toxicology; Epidemiology; Food Safety; Medical Devices; Skin
- Late-Breaking 3: Epigenetics; Immunotoxicity; Molecular Toxicology; Pesticides; Risk and Safety Assessment; Tobacco and ENDS
- Late-Breaking 4: Animal Models; Kidney; Liver; New Approach Methods
- Late-Breaking 5: ADME; Biomarkers; Computational Toxicology; Genotoxicity
- Late-Breaking 6: Metals; Neurodegeneration; Neurotoxicity; Skin Sensitization