See below for a listing of sessions related to in vitro and in silico toxicology/New Approach Methodologies (NAMs) happening at the 2022 Society of Toxicology Annual Meeting. Access these events on the SOT planner at https://eventpilotadmin.com/web/planner.php?id=SOT22.

The ASCCT offers education and outreach activities related to NAMs to the toxicology community, including an annual meeting and a monthly webinar series. Find out more at www.ascctox.org.

**Sunday, March 27**

8:15am - 12:00pm Pacific
Continuing Education
- AM01: Animal-Free Safety Assessment of Consumer Products and Ingredients: A Primer – CC Ballroom 6C
- AM02: Conceptual Models in Immunotoxicology: Leveraging Biological Knowledge, Alternative Approaches, and Computational Strategies for the Future of Risk Assessment – CC Room 7

1:15pm - 5:00pm Pacific
Continuing Education
- AM04: How Advances in Exposure Science and Toxicology Are Changing Assessments of the Effects of Chemical Mixtures on Human Health – CC Ballroom 6E

**Monday, March 28**

9:00am - 10:00am Pacific
Exhibitor-Hosted Sessions
- Application of the devTOX quickPredict and Cardio quickPredict Biomarker-Based In Vitro Assays for Toxicity Screening – CC Ballroom 23C
- Applications of Primary Human Cells and Cell Models for Safety Testing – CC Ballroom 23A

9:00am – 10:45am Pacific
Poster Sessions – CC Exhibit Hall B
- Respiratory Toxicology
• Air Pollution Toxicology I
• Medical Devices
• Ocular Toxicology
• PFAS I
• Skin and Dermal Toxicity

9:15am – 12:00pm Pacific
Symposium Sessions
• How to Maximize the Value of
  Electronic Data via Analytics
  and Exchange to Create
  Knowledge: Case Studies
  across the Pharmaceutical
  Industry and Regulatory Sectors – CC Ballroom 6B
• New Approach Methods for
  Functional Developmental
  Neurotoxicity – CC Ballroom 6E

10:30am – 11:30am Pacific
Exhibitor-Hosted Sessions
• HUREL Micro Livers for DMPK
  Studies: Presented by Visikol – CC Room 23A
• Practical Application of Adverse
  Outcome Pathways (AOPs) and
  AOP Networks for Toxicity
  Assessment: Presented by
  Lhasa Limited – CC Room 22

10:45am – 12:30pm Pacific
Poster Session – CC Exhibit Hall B
• Stem Cell Biology and
  Toxicology

12:00pm – 1:00pm Pacific
Exhibitor-Hosted Session
• The Latest from AnaBios:
  Human Cardiomyocytes and
  Spinal Cord Cultures for
  Cardiotoxicity and Neurotoxicity
  Risk Assessment: Presented by
  AnaBios – CC Room 23A

12:00pm – 1:30pm Pacific
Featured Session
• In Vitro Toxicology Lecture and
  Luncheon for Students:
  Studying Drug-Induced
  Cardiotoxicity Is Complicated:
  How Human-Induced Pluripotent
  Stems Cells and In Vitro
  Biomarkers Helped Solve This
  Challenge – CC Ballroom 20D

1:45pm – 4:30pm Pacific
Symposium Session
• It Takes Guts: Exploring New
  Models and Modalities for
  Gastrointestinal Toxicity – CC
  Ballroom 6E
• This Is Your Brain on Mixtures:
  Neurodevelopmental Effects of
  Combined Exposures – CC
  Ballroom 6B

2:30pm – 4:15pm Pacific
Poster Session – CC Exhibit Hall B
• Endocrine Toxicology
• Reproductive and
  Developmental Toxicology I

3:00pm – 4:00pm Pacific
Exhibitor-Hosted Session
• Cytotoxic Reactive Metabolite
  Assay for the Identification of
  Drugs with DILI Potential:
  Presented by Discovery Life
  Sciences – CC Room 23C
• Liver Microphysiological
  Systems to Assess Efficacy and
  Toxicity – Building Robust and
  Reliable Models for
  Translational Preclinical
  Research: Presented by Lonza
  – CC Room 23B
5:00pm – 6:00pm Pacific
SOT Component Group Events
• Medical Device and Combination Product Specialty Section Mentoring Event – Marriott Marquis San Diego Marina San Diego Ballroom C

Tuesday, March 29

8:00am – 10:45am Pacific
Workshop Session
• Human Neural Tube Defects: Basic Embryology to Predictive Toxicology – CC Room 1
• Building the Toolbox: Three-Dimensional Tissue Constructs as Problem Solvers – CC Ballroom 6F
• Mode of Action, Adverse Outcome Pathways, and Key Characteristics (KCs): Proposed Steps Forward and Mid-Course Corrections – CC Ballroom 6D

9:00am – 10:00am Pacific
Technological Advancements and Strategic Approaches in Developmental and Reproductive Toxicity Assessments – CC Room 23A

9:00am – 10:00am Pacific
Exhibitor-Hosted Sessions
• An Overview of Non CYP-Mediated Metabolism Pathways and In Vitro Evaluation Strategies: Presented by SEKISUI XenoTech – CC Room 23B
• CELLvo™ Matrices and CARTOX Optical Mapping: A Complete Solution for In Vitro Cardiotoxicity Risk Assessment: Presented by StemBioSys, Inc. – CC Room 23C

10:45am – 12:30pm Pacific
Poster Session – CC Exhibit Hall B

11:00am – 12:00pm Pacific
Roundtable Session
• Cross-Species Extrapolation: Opportunities in a 21st-Century Regulatory Nonanimal Testing World – CC Ballroom 6B

12:00pm – 1:00pm Pacific
Exhibitor-Hosted Session
• Establishing an In Vitro Assay for Effectively Predicting

• OECD Validation of the ToxTracker Assay for Genotoxic Mode of Action Assessment: Presented by Toxys – CC Room 23A

• High-throughput Assessment of Cardiac Safety via Contractility Measurements of 3D Engineered Heart Tissues: Presented by Curi Bio – CC Room 23B

• Skin Sensitization: Using In Vitro Tools for Quantitative Potency Assessment as an Alternative to the Local Lymph Node Assay: Presented by SenzaGen AB – CC Room 23A

10:45am – 12:30pm Pacific
Poster Session – CC Exhibit Hall B
• Computational Toxicology I
• Risk Assessment II

9:00am – 10:45am Pacific
Exhibitor-Hosted Sessions
• Effiris: Improving QSAR models for safety assessments through privacy-preserving data sharing – an industry perspective: Presented by Lhasa Limited – CC Room 22
• Skin Sensitization: Using In Vitro Tools for Quantitative Potency Assessment as an Alternative to the Local Lymph Node Assay: Presented by SenzaGen AB – CC Room 23A

12:00pm – 1:00pm Pacific
Exhibitor-Hosted Session
• Establishing an In Vitro Assay for Effectively Predicting
Neurotoxicity Risks using Functional Human iPSC-derived Neurons: Presented by NeuCyte – CC Room 22

12:10pm – 12:30pm Pacific
Special Events
• Tiny Tox Talk: European Commission Support to Research in Animal-Free Toxicology – CC Exhibit Hall B

2:30pm - 4:15pm Pacific
Poster Session – CC Exhibit Hall B
• Alternatives to Mammalian Models I
• Nanotoxicology: In Vitro
• Risk Assessment III

3:00pm-4:00pm Pacific
Exhibitor-Hosted Event
• Advancing In Vitro Immunosafety Assessment Methods for Biotherapeutics: Presented by Lonza – CC Room 23B
• Modernizing Drug Discovery & Development with Organ-Chip Technology: Presented by Emulate – CC Room 23A

3:00pm – 4:30pm Pacific
Workshop Session
• Application of Next-Generation Risk Assessment Principles for Decision-Making – CC Ballroom 6E

6:00pm - 7:30pm Pacific
SOT Component Group Event
• Biological Modeling Specialty Section Meeting/Reception – Marriott Marquis San Diego Marina Grand Ballroom 4

Wednesday, March 30
8:00am – 10:45am Pacific
Symposium Session
• Computational Toxicology Workflows for Prioritization and Safety Assessment of Environmentally Relevant Chemicals – CC Ballroom 6A
• Assay Gaps in the Developmental Neurotoxicity (DNT) New Approach Methodologies (NAMs) Battery for Human Health Risk Assessment – CC Ballroom 6F

9:00am – 10:00am Pacific
Exhibitor-Hosted Event
• Computational Approaches for Metabolism Prediction + Assessing Carcinogenic Potency of Untested Nitrosamines: Presented by MultiCASE, Inc. – CC Room 23C

9:00am – 10:45am Pacific
Poster Session – CC Exhibit Hall B
• Alternatives to Mammalian Models II
• Regulation/Policy

10:45am – 12:30am Pacific
Poster Session – CC Exhibit Hall B
• Computational Toxicology II
• Liver II: In Vitro
• Safety Assessment: Pharmaceutical—Drug Discovery
11:00am – 12:20pm Pacific
Roundtable Session
• Are Animal Studies Still the “Gold Standard” for Validating New Approach Methods? – CC Ballroom 6D

12:00pm – 1:30pm Pacific
SOT Component Group Events
• Computational Toxicology Specialty Section Meeting/Luncheon – CC Room 2

1:30pm - 4:15pm Pacific
Workshop Sessions
• Current Status and Future Outlook of Developmental Immunotoxicity Testing – CC Room 7
• Educating 21st-Century Toxicologists: Making In Vitro and In Silico Approaches Part of the Curriculum – CC Ballroom 6B
• Tools for Modernizing Ecological Risk Assessment – CC Ballroom 6C

2:30pm - 4:15pm Pacific
Poster Session – CC Exhibit Hall B

7:30pm - 11:30pm Pacific
Social Events

Friday, March 31

7:30am – 8:30am Pacific
Breakfast/Lecture

8:30am - 11:30am Pacific
Symposium Session
• In Vitro Considerations for Predicting Retinal Toxicities – CC Room 6C
• Optimizing the Design of Repeated-Dose Animal Studies to Inform Human Health Risk Assessment by Integrating Exposure, In Vitro, and In Silico Data – CC Ballroom 6A

Friday, March 31

8:30am - 11:30am Pacific
Poster Session – CC Exhibit Hall B

7:30pm - 11:30pm Pacific
Reception

Saturday, March 31

7:30am – 4:15pm Pacific
Symposium Session
• A New Paradigm for the Use of Animal Models in Toxicology – CC Ballroom 6A
• Application of In Vitro and In Silico Methodologies to Address Real-World Toxicology Questions – CC Ballroom 6B

9:00am – 3:00pm Pacific
Workshop Sessions
• Safety Evaluation of Nonpharmaceutical Products – CC Room 7
• Educating 21st-Century Toxicologists: Making In Vitro and In Silico Approaches Part of the Curriculum – CC Ballroom 6B

3:00pm – 6:00pm Pacific
Poster Session – CC Exhibit Hall B

Sunday, March 31

7:30am – 4:15pm Pacific
Symposium Session
• The Use of Alternative Methods to Assess Chemical Toxicity and Risk in Military and Aerospace Exposure Scenarios – CC Ballroom 6A

9:00am – 3:00pm Pacific
Workshop Sessions
• Safety Assessment: Pharmaceutical—Drug Development II
• Safety Evaluation of Nonpharmaceutical Products
• Systems Biology

3:00pm – 6:00pm Pacific
Poster Session – CC Exhibit Hall B