



Selected Events Related to In Vitro and Computational Toxicology

SOT 2020 Annual Meeting

American Society for Cellular and Computational Toxicology

Sunday, March 15

8:15 AM—12:00 NOON

CONTINUING EDUCATION

- Introduction to Open-Access Computational Toxicology Tools - *CC Ballroom D*
- Modern Modeling Strategies to Address Uncertainty and Variability in Dose-Response Assessment - *CC Room 304A*
- The Basics of In Vitro Xenobiotic Metabolism and Drug-Drug Interaction Investigations: Applicability to All Xenobiotics – *CC Room 304C*

1:15 PM—5:00 PM

CONTINUING EDUCATION

- An Introduction to New Approach Methodologies (NAMs) and Understanding Their Potential to Support Regulatory Decisions - *CC Ballroom E*

- In Vitro Approaches to Assess the Toxicity of Inhaled Substances - *CC Room 304A*

Monday, March 16

8:00 AM—10:45 AM

SYMPOSIUM

- New Data and Tools for Understanding Chemical Distribution In Vitro - *CC Ballroom A*

WORKSHOP

- Applicability Domains and Future of Nonanimal Tests for Skin Sensitization - *CC Room 204B*
- Known Unknowns: Challenges and Approaches for Handling Chemical, Hazard, and Regulatory Uncertainty in Medical Device Safety Assessments - *CC Room 303A*
- Oligodendrocytes/Schwann Cells: Major Targets in Neurotoxicity and Neurological Diseases - *CC Room 303C*

10:45 AM—12:30 PM

POSTER SESSIONS

- Alternatives to Mammalian Models I - *CC Exhibit Hall*

11:00 AM—12:20 PM

ROUNDTABLE

- Mechanistic Read-Across of Chemical Toxicants Based on Big Data - *CC Room 204B*

11:30 AM—12:45 PM

FEATURED SESSIONS

- In Vitro Toxicology Lecture and Luncheon for Students: Computational Intelligence: Building 'Smart Models' for Toxicology in the Era of Big-Data - *Anaheim Marriott Marquis Center (tickets required)*

12:00 PM—1:00 PM

EXHIBITOR-HOSTED SESSIONS

- Next Generation of Simulations Plus Software Tools Enable Accurate Exposure and Safety Assessments:

Presented by Simulations Plus Inc.-

CC Room 205B

- Transforming Translational Safety and Mechanistic Toxicology with 3D Human Liver Microtissues: Presented by InSphero Inc. - *CC Room 206A*

1:00 PM—2:00 PM

FEATURED SESSIONS

- Plenary Session: Precisely Practicing Medicine from 700 Trillion Points of Data - *CC Hall C*

2:15 PM—4:30 PM

POSTER SESSIONS

- Alternatives to Mammalian Models II - *CC Exhibit Hall*

3:00 PM—4:00 PM

EXHIBITOR-HOSTED SESSIONS

- Novel In Vitro Technologies for Human Enteric and Hepatic Metabolism and Toxicity: Presented by In Vitro ADMET Laboratories Inc. - *CC Room 205A*

FEATURED SESSIONS: MERIT

AWARD LECTURE

- Unraveling the Molecular Mechanisms of Cannabinoid-Mediated Immune Modulation and Cannabinoid Receptor 2 as a Putative Therapeutic Target. - *CC Ballroom A*

3:00 PM—4:30 PM

SYMPOSIUM

- Evolving Technologies for Determination of Biotherapeutic Specificity. - *CC Room 304A*

WORKSHOP

- Single Cell Applications in Mechanistic Toxicology. - *CC Room 303A*

4:45 PM—6:45 PM

ANCILLARY EVENTS

- What AOPs can do for you: an introduction and hands-on experience. - *Hilton Anaheim Capistrano AB*

FEATURED SESSIONS

- SOT/EUROTOX Debate: Individualized Toxicity Is the Future of Risk Assessment - *CC Ballroom A*

Tuesday, March 17

6:30 AM – 7:45 AM

ANCILLARY SESSION

- Use of New Approach Methodologies for cosmetic safety assessment without animal testing (Breakfast)
Hilton Anaheim, Huntington ABC

8:00 AM—10:45 AM

WORKSHOP

- Human-Relevant Carcinogenicity Testing: Tools for Cancer Assessment in 2020 and Beyond - *CC Room 304A*
- Using Human Genetics to Aid in Safety Assessment of Therapeutics - *CC Room 303A*

SYMPOSIUM

- Cellular Recovery and Resilience: A New Perspective on Toxicity Testing - *CC Ballroom D*

9:00 AM—10:00 AM

EXHIBITOR-HOSTED SESSIONS

- In Vitro Assays with 3D Human Liver Spheroids: Presented by Corning Life Sciences - *CC Room 206B*
- Pulmonary Fibrosis—Use of In Vitro and Ex Vivo Models to Investigate Early Events of Pathogenesis for

Hazard Characterization: Presented by Fraunhofer ITEM - *CC Room 206A*

- The Application of Adverse Outcome Pathways (AOPs) for Risk Assessment: Presented by Lhasa Limited - *CC Room 205B*

9:00 AM—10:45 AM

POSTER SESSIONS

- Regulation/Policy; Computational Toxicology I; Nanotoxicology: In vitro; Skin and Dermal Toxicity; Immunotoxicity I - *CC Exhibit Hall*

9:30 AM—9:50 AM

TOX PRESENTATION CORNER

- European Commission Support to Research in Animal-Free Toxicology - *CC Exhibit Hall*

10:30 AM—11:30 AM

EXHIBITOR-HOSTED SESSIONS

- An Integrated Respiratory Toxicology Testing Strategy amid Regulatory Changes: Are We Ready for Full Replacement?: Presented by Charles River and US EPA - *CC Room 206B*
- Application of the Biomarker-Based In Vitro Assays devTOX quickPredict and Cardio quickPredict for Toxicity Screening: Presented by Stemina Biomarker Discovery - *CC Room 206A*

- Assessing Fibrosis Amelioration Associated with NASH through High Content Imaging and an Advanced Liver 3D Cell Culture Model: Presented by Visikol Inc. - *CC Room 205A*
- Development of Add-and-Read Immunoassays to Measure Inflammatory Markers in Live Cells: Presented by Promega Corporation - *CC Room 205B*

12:00 PM—1:00 PM

EXHIBITOR-HOSTED SESSIONS

- Human Models for Translational Toxicology: Presented by AnaBios - *CC Room 205B*
- It's All in the Genes! Using Transcriptomics Combined with Cellular Imaging to De-risk DILI: Presented by Cyprotex - *CC Room 205A*

12:00 PM—1:30 PM

SOT COMPONENT GROUP EVENTS

- Computational Toxicology Specialty Section Luncheon - *CC Room 207A*

1:30 PM—2:30 PM

EXHIBITOR-HOSTED SESSIONS

- Effective In Silico Approaches from MultiCASE to Address Current Challenges in Computational Toxicology: Presented by MultiCASE Inc.- **CC Room 205A**
- Redefining NASH Drug Discovery: A New Approach to Complex Disease Modeling: Presented by InSphero Inc. - **CC Room 206A**
- The Application of In Vitro GARD Assays for Skin and Respiratory Sensitization Assessment of “Difficult-to-Test” Substances: Presented by SenzaGen AB - **CC Room 206B**

1:30 PM—4:15 PM

SYMPOSIUM

- Organ to Silicon Chip: Emerging In Vitro and In Silico Tools for Evaluation of Cardiotoxicity - **CC Room 303C**

WORKSHOP

- Mechanisms and Multiple Exposures: Methods to Tackle Toxicology’s Most Difficult Challenges Using Systematic Review Frameworks - **CC Ballroom C**

3:00 PM—4:00 PM

EXHIBITOR-HOSTED SESSIONS

- 20 Years of ICCVAM: Thinking Back and Looking Forward: Presented by

National Institute of Environmental Health Sciences - **CC Room 206B**

- Discover Hidden Relationships in your Toxicological Studies with Ingenuity Pathway Analysis (IPA) and over 50,000 Curated Datasets: Presented by QIAGEN - **CC Room 206A**

4:30 PM—5:30 PM

EXHIBITOR-HOSTED SESSIONS

- Novel Method for Estimating NOAEL Confidence Bounds with ChemTunes·ToxGPS: Presented by MN-AM, Molecular Networks & Altamira - **CC Room 205A**

5:00 PM—6:00 PM

ANCILLARY EVENTS

- Alternatives for Acute Toxicity Testing: Updates and Planned Activities - **Hilton Anaheim California Ballroom A**

7:00 PM—10:00 PM

SOT COMPONENT GROUP EVENTS

- Computational Toxicology, In Vitro and Alternative Methods, Mechanisms, Molecular and Systems Biology, and Regulatory and Safety Evaluation Specialty Sections and American Society for Cellular and

Computational Toxicology Joint Mentoring Event - **The Fifth**

and the Implementation of Protocols:
Presented by Leadscope - An Instem
Company - *CC Room 206A*

- In Vitro and Alternative Methods
Specialty Section Meeting/Reception -
Anaheim Marriott Marquis Northeast

Wednesday, March 18

8:00 AM—10:45 AM

WORKSHOP

- Applying Modern Toxicology to
Dietary Supplements with Ancient
Roots: Botanical Safety in the 21st
Century - *CC Room 303C*
- In Vitro Microphysiological Systems:
Developing Tools to Evaluate
Immunotoxicity of Drug Candidates -
CC Room 304A

9:00 AM—10:45 AM

POSTER SESSIONS

- Biological Modeling - *CC Exhibit Hall*

10:45 AM—12:30 PM

POSTER SESSIONS

- Biotransformation/Cytochrome P450 -
CC Exhibit Hall

12:00 NOON—1:00 PM

EXHIBITOR-HOSTED SESSION

- Ensuring Good In Silico Practice:
Supporting Regulatory Submissions

1:30 PM—4:15 PM

SYMPOSIUM

- Human Stem Cell-Derived Test
Systems as Alternative Approaches
for Developmental Neurotoxicity
(DNT) Evaluation: Research and
Regulatory Perspectives - *CC Room
204B*

WORKSHOP

- New Frontiers in Dynamic Toxicology
- *CC Ballroom D*

2:15 PM—4:30 PM

POSTER SESSIONS

- Emerging In Vitro Systems - *CC
Exhibit Hall*

5:00 PM—6:30 PM

ANCILLARY EVENTS

- Frontiers in NAMs Training: Recent
Advances in Computational and In
Vitro Toxicology - *Hilton
Anaheim Laguna A*

6:00 PM—7:30 PM

SOT Component Group Events

Thursday, March 19

8:30 AM—11:15 AM

WORKSHOP

- Have In Vitro Teratogenicity
Assessments Come of Age in the
Pharmaceutical Industry? - *CC
Ballroom A*
- Application of RISK21 Framework in
Regulatory-Based Decision-Making:
From Business Decisions to
Prioritization to Risk Assessment - *CC
Room 304A*

8:30 AM—11:30 AM

POSTER SESSIONS

- Late-Breaking 1: Nanotoxicology;
Computational; Modeling; Systems
Biology; Emerging Technologies - *CC
Hall C*

12:30 PM—4:30 PM

ANCILLARY EVENTS

- Updates on Activities Related to 21st
Century Toxicology: Invited
Presentations and Open Microphone -
CC 204C