



Mission

The mission of the Regulatory and Safety Evaluation Specialty Section (RSESS) of SOT is to promote the development of sound governmental policies and regulations based on contemporary scientific knowledge arising from the disciplines encompassed by toxicology. RSESS provides a forum for the interaction of SOT members to discuss the impact of regulations, guidelines, and guidance on the practice of toxicology and the safety evaluation of food additives, nutraceuticals, therapeutic drug products and environmental, industrial and household chemicals, and other products of concern.

Become a Member!

Apply using the SOT On-Line Membership Renewal Form at:
<https://www.toxicology.org/groups/ss/RSESS/join-us/>

Current RSESS Leadership

Claire Neilan,
PhD, DABT
President



Past President

Senthil Perumal Kuppusamy

Vice President Manoj Aggarwal

Vice-President-Elect April O'Connell

Secretary-Treasurer William Klaren

Sr. Councilor Dahea You

Jr. Councilor Timothy McGovern

Programs Committee Chair Nikolaos Georgiadis

Endowment Committee Chair Madelyn Huang

Postdoctoral Rep Taylor Carter

Graduate Student Rep Olivia Lampe

Awards

Congratulations to the 2026 awardees:

2026 Graduate Student and Postdoc Excellence Awards:

Students and postdoctoral fellows with research applicable to regulatory toxicology or safety evaluation are encouraged to apply for RSESS travel awards.

Graduate Student Winners



Hannah Roe
Texas A&M University



Rachel Kim
University of California



Hangyu Wu
University of Connecticut



Zakiya Henry
NIEHS



Isha Mhatre-Winters
University of Georgia



Chander Kant Negi
Texas A&M University

Postdoc Winners

RSESS 2026 Postdoc Excellence Award Honorable Mention

Nicole McNabb-Kelada

RSESS 2026 Best Published Paper Award:

Congratulations to **Srijit Seal** and Andreas Bender for their outstanding work featured in Chemical Research in Toxicology entitled: **“Machine Learning for Toxicity Prediction Using Chemical Structures: Pillars for Success in the Real World.”**

RSESS 2026 Outstanding Contribution Award Winner:

Bette Meek

Elsevier 2026 TMT:

The 3-minute thesis (TMT) is a research communication competition that challenges students to communicate their research without the use of jargon in under three minutes.

Winners:

1st Hannah Roe

2nd Manisha Thakur



RSESS Reception



When : **Monday, Mar 23rd 6:00-7:30pm**
San Diego Ballroom B
Marriot Marquis Marina

Networking! Live Music!
New Officers! Awards! Food & Drinks!

RSESS-Endorsed SOT 2026 Sessions

Workshop Sessions

Reevaluating Adversity and the Maximum Tolerated Dose in the Modern Regulatory Environment	3/23	2:00PM-4:45AM PST
Toxicological Risk Assessment of Medical Devices Used for Neonatal and Pediatric Populations	3/23	2:00PM-4:45AM PST
Toxic Insights Unlocked: Leveraging Machine Learning and Advanced Image Analysis to Transform the Science of Toxicology	3/24	1:00PM-2:30PM PST
Cardiovascular Toxicity as a Globally Harmonized System Hazard Trait: The Evidence and the Path Forward	3/25	8:00AM-10:45AM PST
Endocrine Disruption Safety Assessment Approaches for Cosmetics	3/25	1:30PM-4:15AM PST
Optimizing Chemical Risk Assessment for Medical Device Biological Safety: Challenges, Progress, and Collaborative Opportunities	3/25	1:30PM-4:15AM PST

Continuing Education Courses

Systematic Methods for AOP Development and Application: New Technologies and Tools	3/22	8:15AM-12:00PM PST
Biotherapeutics Impurities: Current Practices in Risk Assessment and Analytical Evaluation	3/22	8:15AM-12:00PM PST
Evolution of OECD GL 497; Integration of NAMs for Skin Sensitization Hazard and Point of Departure for Application in Risk Assessment	3/22	1:15PM-5:00PM PST
This is Real: How AI Can Actually be Used in Hazard and Risk Assessments	3/22	1:15PM-5:00PM PST
Rethinking Carcinogenicity Assays in the 21 st Century: Testing a Functionality Framework	3/22	1:15PM-5:00PM PST

Roundtable Sessions

Toward a New Paradigm: Can Mechanistic In Vivo Studies Replace Traditional DART Guideline Studies?	3/24	4:30PM-6:00PM PST
Does Toxicology Need a Reformation? A Debate About Scientific Integrity	3/25	8:00AM-9:30AM PST

Information Sessions

Incorporating Toxicology Principles Essential to Establishing Plausibility of Environmental Epidemiology Studies	3/24	8:00AM-10:45AM PST
Toxicology Meets Public Policy: Lessons Learned from NAMs Advocacy in the United States	3/24	11:00AM-12:30PM PST
Understanding the GRAS Loophole: History, Science, and Legal Challenges	3/24	1:00PM-2:30PM PST

Symposium Sessions

AI in Toxicology: Navigating Promise, Pitfalls, and Practical Implementation	3/23	2:00PM-4:45PM PST
NAM In Vitro Assessment of Intestinal Metabolism to Inform PBK Modeling of Bioavailability and Systemic Exposure	3/25	8:00AM-10:45AM PST
Visionary Foresight: Pioneering Cell-Based Therapies	3/25	8:00AM-10:45AM PST
Human Health Risk Assessments of Biopesticides: Evaluating Safety for Agricultural use	3/25	1:30PM-4:15PM PST

Stay in the Loop

Check Out the RSESS LinkedIn

Committees, Newsletter, Awards, etc!