**2023 Award Winners**

**BEST ABSTRACT:**
Haoduo Zhao, et. al.
Toward Human Exposure: Nontargeted Large-Scale Pesticide Screening in Human Adult and Baby Urine with High Resolution Accurate Mass Spectrometry

Abstract 3800/Poster Board P289
Tues. March 21st 10:45 am- 12:30 pm

**BEST PAPER:**
Pawel Lorkiewicz, et. al.
Electronic Cigarette Solvents, JUUL E-Liquids, and Biomarkers of Exposure: In Vivo Evidence for Acrolein and Glycidol in E-Cig Derived Aerosols

Chemical Research in Toxicology (2022) 35:283-292

Many Thanks to the 2022-23 Award Committee!
Amanda Burns, Michelle Embry, Sam Hall, Elke Jensen, Debra Kaden, Mansi Krishnan, Judy LaKind, Dinhsheng Li, Satoru Marchitti, Elizabeth Marder, Ashley Peppriell, Sandra Sulsky, Cecilia Tan, Justin Teeguarden

JOIN US!
Specialty Section Business Meeting & Award Luncheon
Monday March 20th
12:00-1:00pm (Central)
Room 104B, Music City Center

**ESS Sponsored Sessions**

**Microplastics: Factors to Consider When Assessing Potential Environmental and Human Health Risks**
Monday, March 20th 9:15am-12:00pm, Karl Dean Ballroom A2
Chair/Co-Chair: John Norman, American Chemistry Council Inc. / Christine Sayes, Baylor University

**Placenta as a Target of Environmental Exposures: From Bench to Society**
Monday, March 20th 1:45-4:30pm, Karl Dean Ballroom C1
Chair/Co-Chair: Almudena Veiga-Lopez, University of Illinois at Chicago / Rita Strakovsky, Michigan State University

**Exposure Assessment/Biomonitoring Poster Session**
Tuesday, March 21st 10:45-12:30pm, ToxExpo, Hall C
Chair/Co-Chair: Krisa Camargo, Defense Health Agency / Ashley Peppriell, ICF International

**Toxicology 2.0: Moving from Reductionist to Holistic Paradigms**
Wednesday, March 22nd 1:30-4:15pm, Room 205
Chair/Co-Chair: Weihseuh Chiu, Texas A&M University / Ana Navas-Acien, Columbia University

**Grappling with the Grim Reaper: Epigenetics of Aging**
Wednesday, March 22nd 1:30-4:15pm, Room 209
Chair/Co-Chair: Sumira Phatak, Nutrilite / Kari Sant, San Diego State University

**Emerging Environmental Contaminants and Issues of Concern: Developing Toxicologic Strategies to Identify and Address Tomorrow’s Public Health Issues**
Thursday, March 23rd 8:30-11:15am, Karl Dean Ballroom A1
Chair/Co-Chair: Estra Mutlu, US EPA / Suzanne Fenton, NIEHS/NTP

**2022-23 Officers**

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**Why is Exposure Important to Toxicology?**

Did you wash your hair today? Walk outside? Drink a cup of coffee or tea? If you answered, “yes”, then you’ve experienced exposure by dermal, inhalation, or ingestion routes - or all three!

- Exposure is often defined as the “contact between an agent (the coffee or tea) and a receptor (you)” - the critical link between hazard and risk.
- Without exposure there is no risk!!
- Exposure science helps us understand what we’re exposed to, how much, how often, and for how long.
- Exposure scientists work in areas ranging from PBPK modeling, to industrial hygiene monitoring, fate and transport modeling, characterizing uses of chemicals and human behavior, and more.

- To foster the evolution, advancement, and integration of exposure-based approaches as they pertain to the needs of toxicology and risk evaluation.
- To develop, propose, and conduct a variety of cutting-edge programs and educational activities that emphasize the latest developments and issues in exposure research.

- To serve as an educational, mentorship, and networking resource for graduate students, postdoctoral fellows, and scientists interested in exposure research.

- To facilitate exposure scientists’ participation in research programs and development and for toxicology.

**Why is Exposure Important to Toxicology?**

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