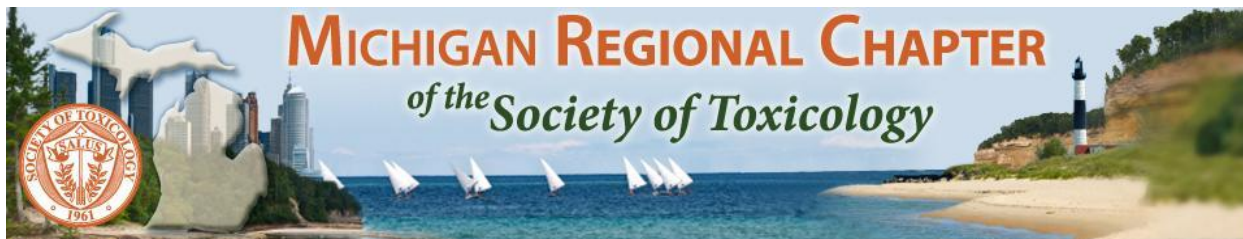


Annual Meeting
NSF International, 789 N. Dixboro Road, Ann Arbor, Michigan.
Friday, October 2, 2026

“Artificial Intelligence in Toxicology”

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| 8:00-8:45 AM | Registration, Breakfast, and Poster Setup |
| 8:45-9:00 AM | Welcome and Introduction: Ms. Shannon L. Cousineau for MISOT Leadership |
| 9:00-9:45 AM | Dr. Sudin Bhattacharya , Associate Professor, Departments of Biomedical Engineering and Pharmacology & Toxicology, Institute for Quantitative Health Science and Engineering, Michigan State University.
Presentation: <i>Are cells predictable?</i> |
| 9:45-10:30 AM | Dr. Kevin Snyder , Director of Nonclinical Innovation and Emerging Technologies, Certara.
Presentation: <i>AI-Augmented Computational Toxicology: From Prediction to Decision-Making</i> |
| 10:30-11:00 AM | Postdoctoral Fellow Platform Presentations (SESSION 1) <ul style="list-style-type: none"> • Dr. Kimberley Sala-Hamrick, University of Michigan.
 <i>Lead (Pb) Exposure During Differentiation Induces Cell Line–Specific Transcriptional and Functional Alterations in Human iPSC-Derived Cardiomyocytes</i> • Dr. Ashten Stammersky, Michigan State University. <i>Pharmacokinetic Profiling of Mustard Vesicant Ocular Distribution Using Complementary Ex Vivo and In Vivo Rabbit Eye Models</i> |
| 11:00-11:15 AM | Coffee Break |
| 11:15 AM-12:00 PM | Undergraduate Student Platform Presentations (SESSION 2) <ul style="list-style-type: none"> • Annie Erno, Ferris State University.
 <i>Identifying Rare-Earth Metal-Induced Hypoxia Signaling in Hep3B Liver Cells</i> • Brianna Hofman, Grand Valley State University.
 <i>Insights into the Biological Effects of Molybdenum in an Insect Model (Galleria mellonella)</i> • Kevin Conzemius, Wayne State University.
 <i>Effectiveness of cholestyramine intervention on PFAS toxicity and their body burden on various tissues</i> |



12:00-1:30 PM

Lunch Break; Career Opportunities in Toxicology

Trainees and mentors return to the main room for lunch! We will have experts from several fields including academia, government, industry, and more!

1:30-2:45 PM

Graduate Student Platform Presentations (SESSION 3)

- **Noah Doyle**, Wayne State University.
Gestational BTEX exposure programs sex-specific neurodegenerative signature in hypothalamic neurons and microglia
- **Yasir Zahoor**, Michigan State University.
Genetic Diversity Shapes Hepatic Zonation and Hepatocyte Responses to PFOS and TCDD
- **Ruchita Bhavsar**, Ferris State University.
Investigation of Inflammatory Mechanisms Induced by Mechlorethamine in Mouse Ear
- **Jennifer Smith**, University of Michigan.
High penetrance bipolar disorder variant ANK3 p.W1989R alters response to lead (Pb) in human-derived iPSC excitatory neurons compared to CRISPR-corrected isogenic control
- **Dayita Banerjee**, Michigan State University.
Inducible fibrinogen deficiency delays liver repair in experimental acetaminophen hepatotoxicity

2:45-3:00 PM

Baked Brie Break / Transition to posters

3:00-4:00 PM

Poster Session

4:00-4:45 PM

Dr. Michael Cork, Founder & CEO, EmPower Analytics Group.
Presentation: *Data Centers and Fossil Fuel Pollution: The Hidden Health Costs of Energy Demand*

4:45-5:00 PM

Closing Comments and Award Announcements