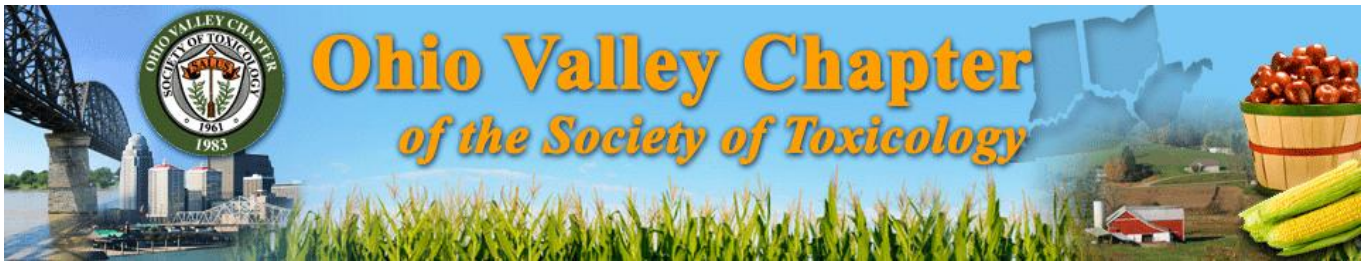
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PROGRAM

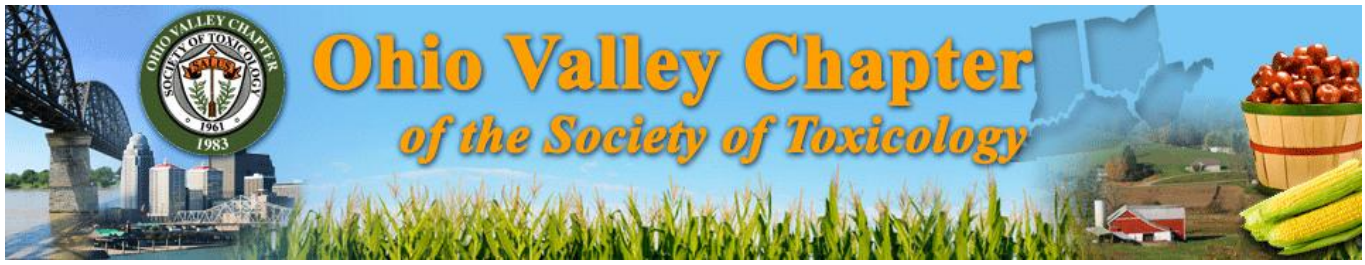
Annual Meeting
Ohio Valley Society of Toxicology
2026



Friday, November 13, 2026

P&G
Mason Business Innovation Center (MBIC)
8700 Mason-Montgomery Rd., Mason, OH 45040

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We are grateful to the following sponsors for their generous support!

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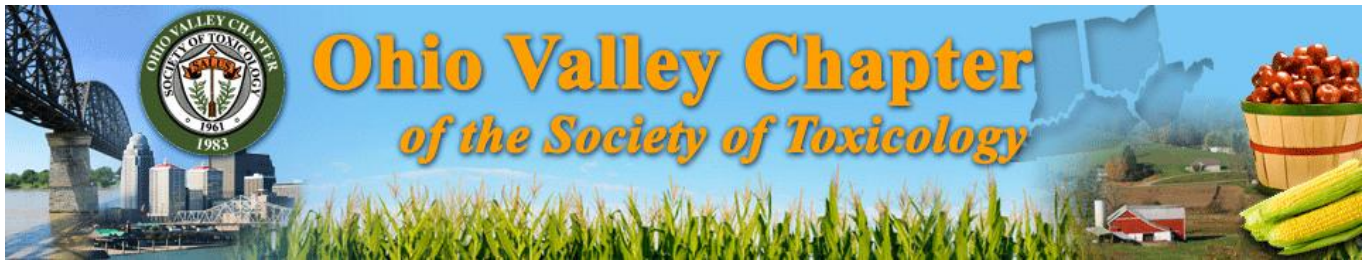


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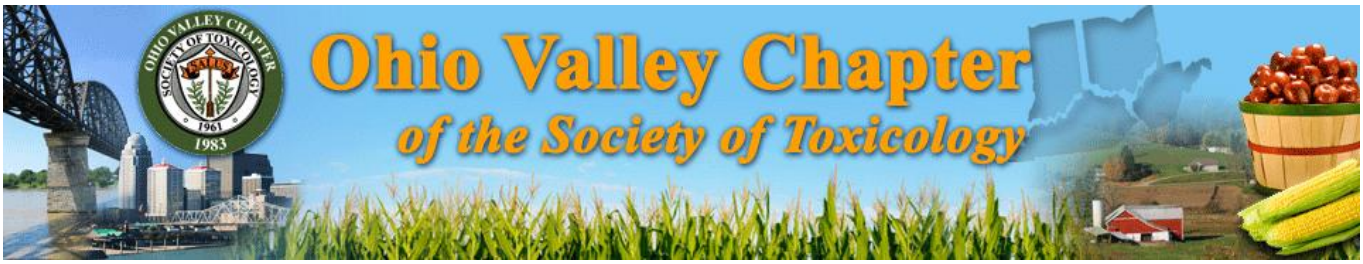
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OVSOT Annual Meeting Agenda

Friday, November 13, 2026

7:30 - 8:30 am	**Registration, Breakfast, Check-in, and Poster Set-up for AM Section** MBIC Main Entrance (Moderators: Sherleen Adamson, Andrew Keebaugh, Karen Elsass)
8:30 - 8:40 am	**Welcoming Remarks** – MBIC Auditorium George Datson (P&G Central Product Safety – Victor Mills Society (Moderator: Sherleen Adamson)
8:40 - 8:45 am	**Meeting Logistics & Sponsor Acknowledgement** – MBIC Auditorium Presenter: Sherleen Adamson, President of OVSOT
8:45 - 9:45 am	**Keynote Speaker** – MBIC Auditorium Presenter: Lorrene Buckley, PhD, DABT, ATS (VP, Eli Lilly & Company) (Moderator: Sherleen Adamson)
9:45 - 10:45 am	**Doctoral Platform Presentations** – MBIC Auditorium (Moderator: Sarah Commodore, OVSOT Treasurer)
10:45 - 11:45 am	**Poster Presentations/Judging** – MBIC Atrium **Presenters with <u>Odd</u> Numbered Abstract*** (Moderators: Thivanka Muthumalage, Frederick Ekuban)
11:45 - 1:00 pm	**Lunch & "Lunch with an Expert"; Poster Set-up for PM Section** MBIC Auditorium, Havard Room (Moderators: Megan Ballinger, Samuel Cochran, Evangeline Schott)
1:00 - 2:00 pm	**Poster Presentations/Judging** – MBIC Atrium **Presenters with <u>Even</u> Numbered Abstract*** (Moderators: Thivanka Muthumalage, Frederick Ekuban)
2:00 - 3:00 pm	**Postdoctoral Trainee Platform Presentations** – MBIC Auditorium (Moderator: Johnny Wise, OVSOT Vice President-Elect)
3:00 - 3:45 pm	**Big Picture Science** (Moderators: Eddie Sloter, Karen Elsass, Megan Ballinger)
3:45 - 4:00 pm	**Break**
4:00 - 4:30 pm	**Featured Speaker: Frederick Ekuban, PhD** – MBIC Auditorium Early-Stage Investigator Platform Presentation Awardee (Moderator: Andrew Keebaugh, OVSOT Vice President)
4:30 - 4:45 pm	**Announcement of Awards and Closing** (Presenters: Sherleen Adamson, Andrew Keebaugh)

***Poster board number is the same as the abstract number**

Ohio Valley Chapter of the Society of Toxicology

VISITOR INFORMATION

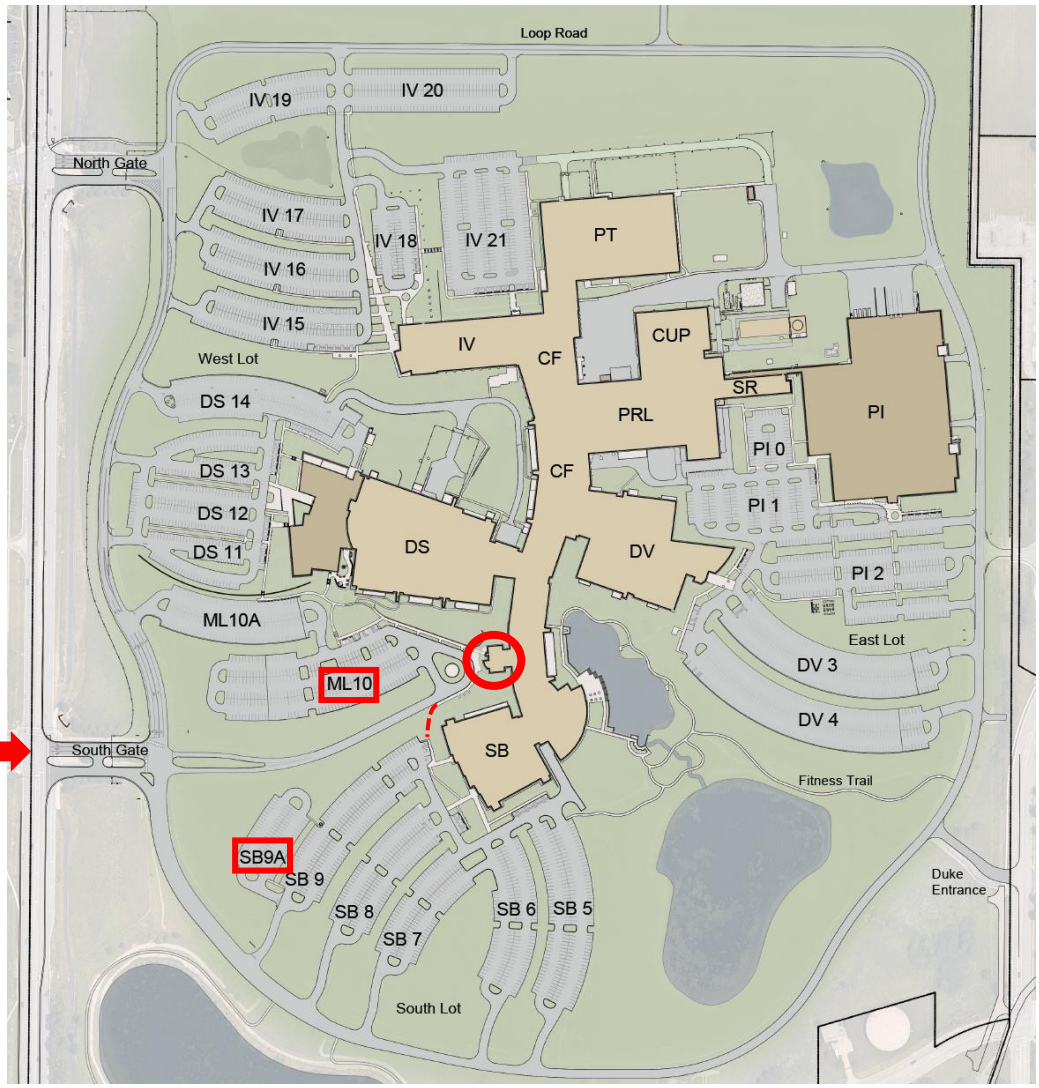
If using Google Maps, address will bring you directly to the **RED circle** on the map to a circular drive that rounds a flagpole and has the main entrance to the MBIC. Please park in Visitor lots **ML10** and **SB9A** (there is a walkway leads from BS9A to the main lobby) and enter the building at the **RED circle**. You will enter the P&G MBIC main lobby.

Please bring your **photo ID** for visitor security badge check-in at MBIC in the main lobby. After checking in with security, please proceed to the registration table next to the security check point to receive your meal tickets for the day.

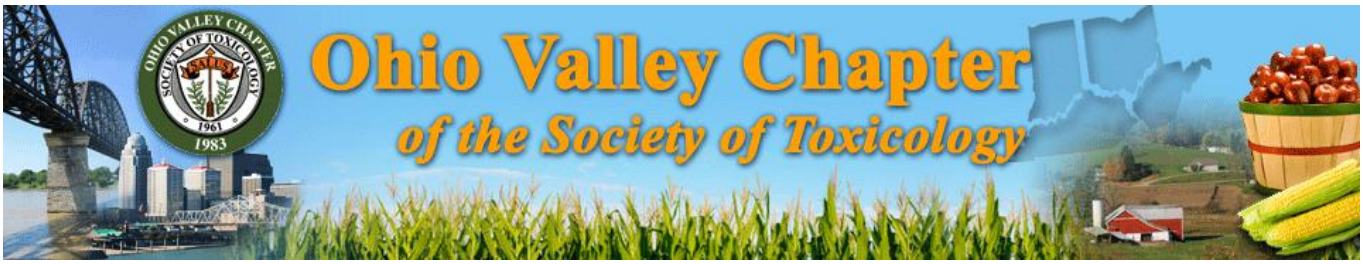
Parking

Address:
8700 Mason Montgomery Road,
Mason,
OH 45040

Enter South Gate



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Area Hotels

SpringHill Suites Cincinnati Mason
7100 Stress Engineering Way, Mason, OH 45040
(513) 972-8484

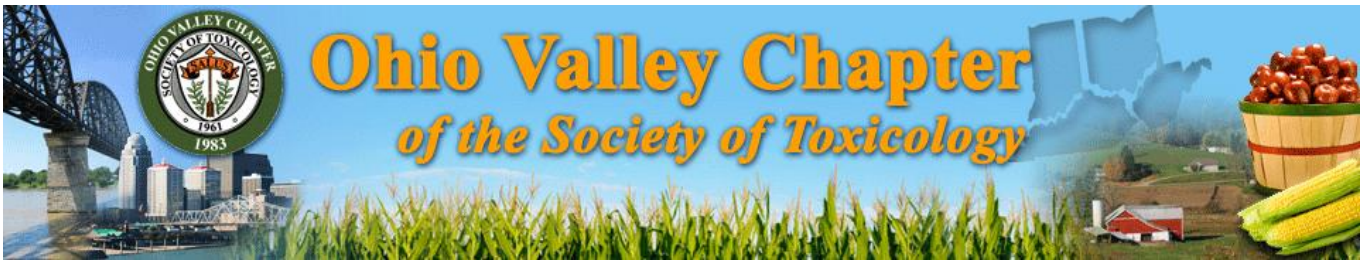
TownPlace Suites Cincinnati Mason
7100 Stress Engineering Way, Mason, OH 45040
(513) 701-9970

Hilton Garden Inn Cincinnati/Mason
5200 Natorp Blvd, Mason, OH 45040
(513) 204-6000

Homewood Suites by Hilton Cincinnati Mason
5200 Natorp Blvd, Mason, OH 45040
(513) 701-9300

Candlewood Suites Cincinnati Northeast – Mason
5070 Natorp Blvd, Mason, OH 45040
(513) 754-0003

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PRESENTERS

Please see the 2026 OVSOT Meeting Abstract Book for abstracts of all posters and the presentations outlined on the following pages.

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Keynote Presentation

Keynote Speaker

Lorrene A. Buckley, PhD, DABT, ATS

Vice President
Eli Lilly and Company

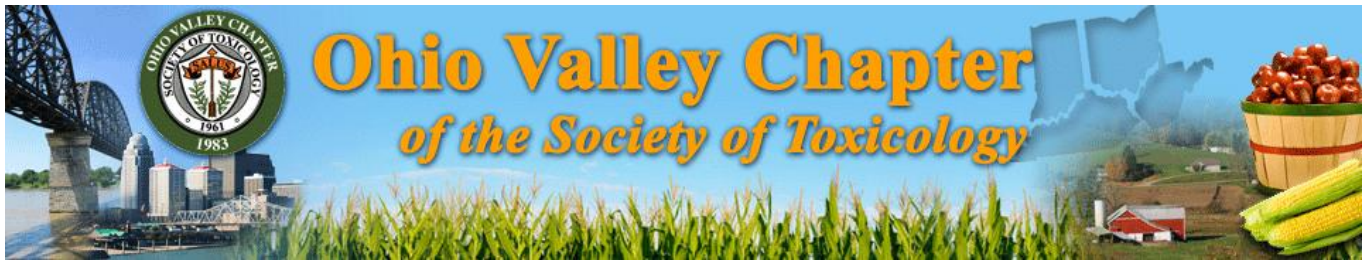


Biography

Dr. Buckley is a board-certified toxicologist with over 30 years of experience in the active practice of toxicology. In her current position as a Vice President at Eli Lilly & Company, she is responsible for the design and execution of nonclinical safety assessments and for all nonclinical aspects of global regulatory submissions and interactions for drugs in the development and commercialization phases.

Dr. Buckley obtained her MS at the University of Arizona and PhD at UNC, Chapel Hill. Her diversity of professional experience as a toxicologist is reflected in her work spanning basic and applied toxicology research (CIIT, RTI), risk assessment in the chemical & agrochemical industry (FMC Corp), and safety assessment of pharmaceuticals (Sphinx, Eli Lilly). Full biography

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Doctoral Student Platform Presentations

Abstract #2

Henry Stalnaker

University of Toledo

"Identification of Fentanyl Reversal Candidates and Investigation of Noncanonical Molecular Interactions Using a Zebrafish-Based Platform"

Abstract #3

Zianne Olverson

Ohio State University

"Nicotine and Nicotine-Free Electronic Cigarette Aerosols Elicit Distinct Junctional Zone Responses in Male and Female Placentas"

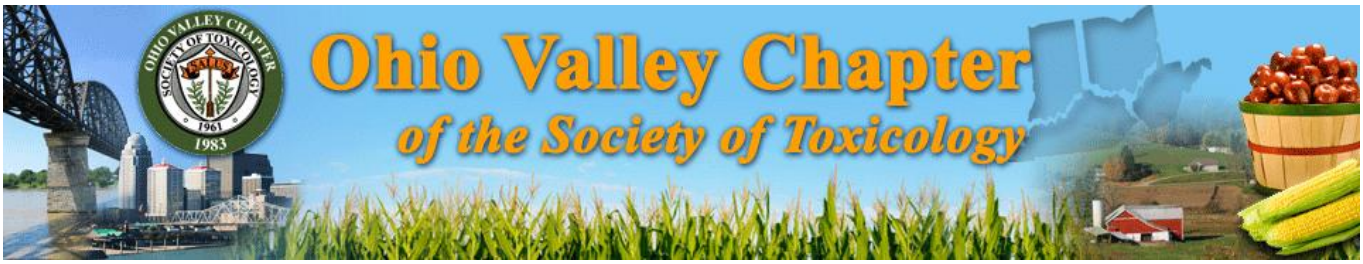
Abstract #4

Ehsanul Kabir

Purdue University

"NEIL2 upregulation is associated with an adaptive DNA damage response following acute exposure to electronic cigarette aerosol constituents"

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Postdoctoral Trainees
Platform Presentations

Abstract #5
Umamaheswari Sathisaran

Purdue University
“Early-Life PFAS Exposure Induces Lipidomic Remodeling and Bioenergetic Dysfunction in Zebrafish”

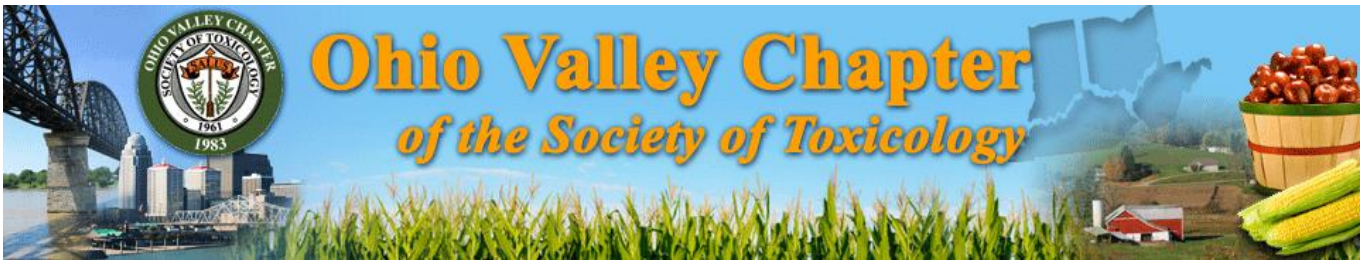
Abstract #6
Mariam Habil

University of Louisville
“Primary human hepatocytes as a New Approach Method (NAM) of genotoxicity induced by nitro-polycyclic aromatic hydrocarbons (Nitro-PAHs)”

Abstract #7
Hellen Weinschutz Mendes

Purdue University
“Lead(Pb) exposure reveals neuroimmune alterations in the developing zebrafish brain”

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Big Picture Science Presentations

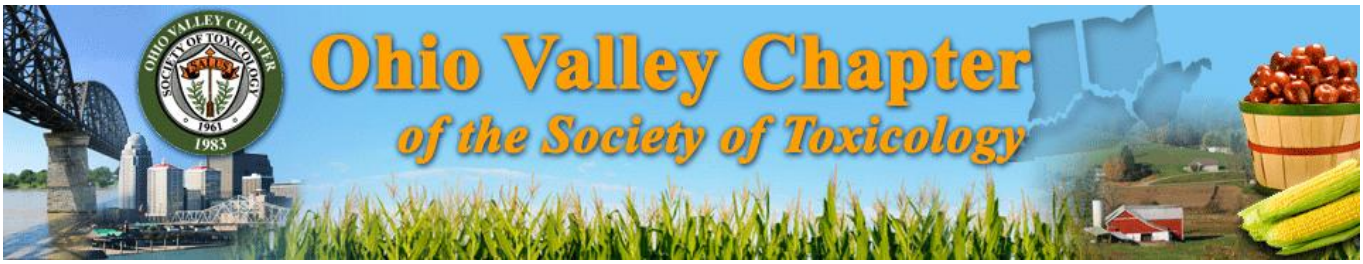
Abstract #8
Samantha Ursell
University of Toledo
"Evaluation of Neuroinflammation in Rats Following 90 Days of Drinking Water Exposure to Hexavalent Chromium"

Abstract #9
Jasey McNabb
University of Lousiville
"Effects of PFOA and Ethanol Co-Exposure on White Adipose Tissue Function and Metabolic Signaling"

Abstract #10
Nishi Boggavarapu
Ohio State University
"Diet induced obesity increases pulmonary linoleic acid metabolism and ozone induced lung injury"

Abstract #11
William Duniver
University of Toledo
"Quantifying Neurodegeneration in Young Rats Following 90-Day Exposure to Hexavalent Chromium in Drinking Water"

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Big Picture Science Presentations

Abstract #12
Dhara Patel
Wright State University
“Mechanisms of platelet-activating factor-receptor (PAFR) signaling in dichloroacetate based combination approaches for lung cancer”

Abstract #13
Supriya Bhukya
Wright State University
“The impact of platelet-activating factor-receptor signaling in the cytotoxic efficacy of Aurora kinase inhibitors in non-small cell lung cancer”

Abstract #14
Kirtan Kachhadiya
Wright State University
“Platelet-activating factor-receptor-dependent microvesicle particles modify the cytotoxic efficacy of signal transducer and activator of transcription 3 inhibitors in non-small cell lung cancer”

Abstract #15
Brandon Capps
University of Louisville
“Effects of Combined Formaldehyde Exposure and Hypertension on Aortic Function in Mice”

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Early-Stage Investigator Platform Presentation

Featured Speaker

Frederick Ekuban, PhD

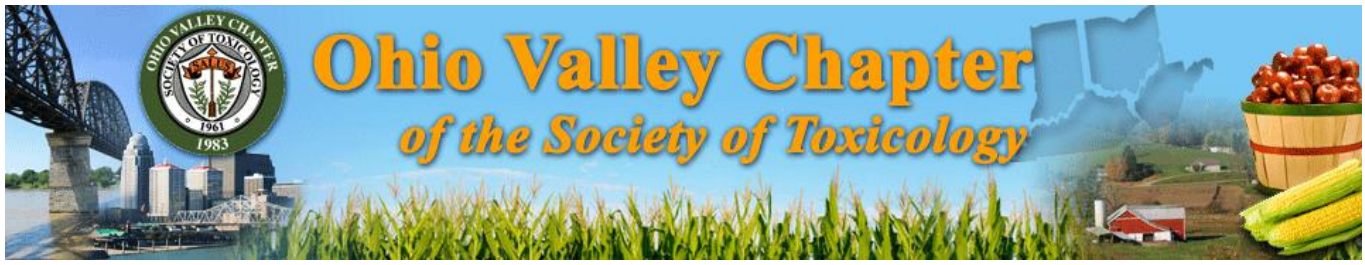
Division of Gastroenterology, Hepatology, and Nutrition, Department of Medicine, University of Louisville School of Medicine



Abstract #1

“**Environmental forever chemical exposures alter severity and metabolic signatures of alcohol-associated steatohepatitis via PPARα**”

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