



Cardiovascular Toxicology Specialty Section

Cardiovascular Toxicology Specialty Section Luncheon

Wednesday, March 22, Noon-1:30 PM CT
Room 104A, Music City Center

Speaker: **Lu Cai, CVTSS Impact Award Winner**
Lunch will be served

MISSION STATEMENT

The CVTSS aims to unite scientists from diverse backgrounds to collectively respond to the challenges of cardiovascular toxicology by discovering ways to identify such toxicities faster, characterizing their mechanisms of action, and developing methods/strategies to prevent or diminish cardiovascular toxicities. In addition, the CVTSS is dedicated to mentoring and supporting young scientists and students in their common endeavors associated with cardiovascular toxicology research.

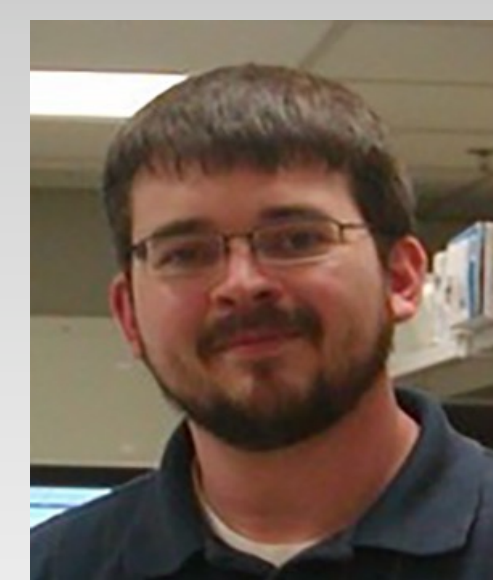
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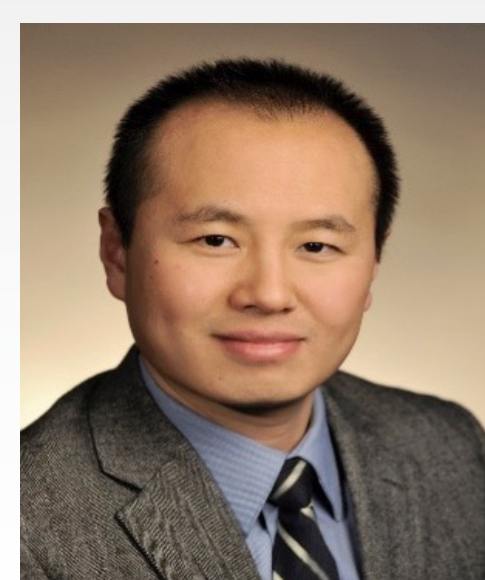
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If you want to get involved with CVTSS, please nominate yourself for Councilor by contacting Petra Haberzettl petra.haberzettl@ouisville.edu



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Evan DeVallance
Postdoctoral Rep



Russell Hunter
Graduate Student Rep

THANKS TO OUR CVTSS SPONSORS



Presented by **emka TECHNOLOGIES**

- Advanced In Vitro Models of Inhalation Toxicology, Wed, Mar 22, 12:00-1:00pm (CT), Room 101B, Music City Center
- Accurately Phenotyping Arrhythmia and Arrhythmogenicity in Preclinical Models: Case Studies in Pharmacology and Toxicology, Wed, Mar 22, 1:30-2:30pm (CT), Room 101B, Music City Center

If you would like to become a sponsor, please contact any of our officers.

CVTSS ENDORSED SESSIONS AT SOT 2023

“It’s Getting Hot: Extreme Heat Events and Disparate Health Impacts, Perceptions, and Vulnerability”

Tue, Mar 21, 3:00-4:30pm (CT), Karl Dean Ballroom A1, Music City Center, Chaired by: Mehdi Hazari, US EPA & Kristie Ebi, University of Washington

“Metals Matter: The Potential Effects of Metal-Mediated Cell Death in the Pathogenesis of Cardiopulmonary Diseases”

Wed, Mar 22, 8:00am - 10:45am (CT), Karl Dean Ballroom A2, Music City Center, Chaired by: Lu Cai, University of Louisville & Irfan Rahman University of Rochester

CVTSS AWARDS – 2023

CVTSS Impact Award: Dr. Lu Cai, University of Louisville

“Ferroptosis is essential for diabetic cardiomyopathy and is prevented by sulforaphane via AMPK/NRF2 pathways.” Wang X, et al. *Acta Pharm Sin B*. 2022, 12(2): 708-722. PMID: 35256941

CVTSS Postdoctoral Trainee Award: Dr. Evan DeVallance, West Virginia University

Abstract: 3165: Poster Board P274, “Nano-Titanium Dioxide Inhalation-Induced Circulating Xanthine Oxidoreductase Removes Epigenetic Breaks on Vascular Inflammation.”

CVTSS Graduate Student Trainee Award: Blake Cooper, George Washington University

Abstract: 3163: Poster Board P272: “Bisphenol analogues alter cardiac electrophysiology and intracellular calcium handling in human induced pluripotent stem cell-derived cardiomyocytes”

If you have an idea for a Symposium, Workshop or CE courses that you would like to see presented at SOT in 2024? The SOT deadline for 2024 proposals is May 15, 2023. Please feel free to reach out to us if you seek for endorsement, like our input, or want your proposal reviewed. Please contact Petra Haberzettl at petra.haberzettl@louisville.edu with any questions or if you need assistance and feedback.

If you want to become a member, please

- Contact any member of the Executive Committee, or
- Apply at: <http://www.toxicology.org/groups/ss/cvtss/membership.asp>