

**HUMAN TOXICOLOGY AND EHSRC  
RESEARCH SEMINAR (TOX:7180) FOR SPRING 2025**

Time: Friday 11:00 am

Location: 2117 MERF (unless otherwise noted)

- January 31      ***Airborne DNA and the Assessment of Climate Change on Biodiversity (tentative title)***  
Robert Wallace, MD, MSc  
Irene Ensminger Emeritus Professor of Epidemiology and Internal Medicine  
College of Public Health, University of Iowa
- February 7      ***Imaging Resources at the University of Iowa Central Microscopy Research Facility***  
Randy Nessler, MBA  
Director, Central Microscopy Research Facility  
University of Iowa
- February 14      ***Tracking Microbial Contamination and Carbapenemase-Producing E. coli***  
Hanseob Shin  
Postdoctoral Scholar, Center for Health Effects of Environmental Contamination (CHEEC)  
University of Iowa
- February 21      ***Chemical Biology for Assessing DNA Damage and Neurodegeneration***  
Yinsheng Wang, PhD, MS  
Distinguished Professor of Chemistry  
University of California, Riverside
- February 28      ***Mechanisms of Micropore Closure after Microneedle Application in Diverse Skin Types***  
Valeria Cota  
Human Toxicology Program, University of Iowa
- March 7      ***One Health Case Studies in Toxicology & Epidemiology***  
Kathryn Dalton

Assistant Professor, Department of Occupational and  
Environmental Health  
College of Public Health, University of Iowa

- March 14      ***A Journey to Investigate the Role of Oncogene SETDB1  
in Endometrial Cancer***  
Shujie Yang, PhD  
Assistant Professor of Pathology  
Carver College of Medicine, University of Iowa
- March 16-20      ***2025 Annual Meeting and ToxExpo  
Orlando Florida***
- March 28      ***Heat Exposure, Shade Efficacy, and Heat-Related Health  
Effects among Washington State Crop Workers***  
John Flunker, PhD, MPH, MS  
Assistant Professor, Department of Epidemiology  
College of Public Health, University of Iowa
- April 4      ***The Role of Interleukin-1 $\alpha$  Expression in Head and Neck  
Cancer***  
Ishrat Nourin Khan, MS  
Human Toxicology Program, University of Iowa
- April 11      ***Single-Cell Genomics in Cancer and Toxicant-Induced  
Genome Evolution***  
Jun Xia, PhD  
Assistant Professor, Center for Genomic and Precision  
Medicine  
Texas A&M University  
**Note different location: 2189 MERF**
- April 18      ***Method Development and Analytical Validation of 23  
PFAS in Plasma and Serum: Supporting Maternal and  
Public Health Research***  
Jessica Wickline, PhD  
Postdoctoral Research Fellow  
State Hygienic Laboratory  
University of Iowa

April 25

***Linking Environmental Contaminants to Stress-Related Biomarkers and Cognitive Function During Aging***

Juliana de Souza Talarico, PhD, RN  
Associate Professor  
College of Nursing, University of Iowa

May 2

***Circadian control of cerebrovascular toxicity of environmental toxicants***

Michal Toborek, MD, PhD  
Leonard M. Miller Professor of Biochemistry and Molecular Biology  
Associate Dean for Basic Science  
Professor and Vice-Chair for Research  
Department of Biochemistry and Molecular Biology  
University of Miami School of Medicine

Destiny Tiburcio, BAsC  
PhD Candidate and Lab Manager  
University of Miami School of Medicine

Daniela Iglesias Gallo, BS  
Research Associate  
University of Miami School of Medicine

May 9

***Reimagining Scaffold Hopping: Implications for Revolutionizing Drug Discovery and Polypharmacology***

Michael Ashley Spies, PhD  
Professor of Drug Discovery and Experimental Therapeutics  
College of Pharmacy, University of Iowa