HUMAN TOXICOLOGY AND EHSRC
RESEARCH SEMINAR (TOX:7180) FOR SPRING 2024

Time: Friday 11:00 am
Location: 2117 MERF
Zoom: [https://uiowa.zoom.us/j/91248514871](https://uiowa.zoom.us/j/91248514871)

January 26  
*Regulation of stem cells in airway regeneration and mucociliary clearance*
Amy Ryan, PhD  
Department of Anatomy and Cell Biology, Carver College of Medicine, University of Iowa

February 2  
*Stressed out cells: the case of hypoxia*
Susan Shen, MD, PhD  
Psychiatry  
UCSF Weill Institute for Neuroscience  
University of California, San Francisco

February 9  
*Career Exploration workshop*
Elizabeth Savelkoul, PhD  
Grad Success Center, Graduate College

February 16  
*Characterizing the ovarian response to xenobiotic and environmentally induced metabolic challenges*
Crystal Roach, PhD  
Postdoctoral Research Scholar, Human Toxicology Program

February 23  
*Applications of MRI to study chronic lung diseases*
Sean B. Fain, PhD  
Professor of Radiology-Division of Cardiovascular and Thoracic Imaging

March 1  
*Oxidative and Replicative Stress at Telomeres and Beyond*
Ryan Barnes, PhD  
Department of Cancer Biology, University of Kansas Medical Center

Please note the different location: 283 EMRB
March 8  

**Climate Change and Air Pollution: Burning away the progress on air quality**  
Peter S. Thorne, PhD  
Department of Occupational and Environmental Health, College of Public Health, University of Iowa  
Please note the different time and location: Noon in 1459 PBDB (in-person only)

March 10–14  

2024 SOT Annual Meeting and ToxExpo, Salt Lake City, Utah

March 22  

**Astrocyte mitochondria are targets of PCB52 and its human relevant metabolites**  
Neha Paranjape  
Graduate Program in Toxicology, University of Iowa

March 29  

**Adipocyte BBSome and its influence on metabolism and cardiovascular dynamics**  
Yuying Zhao  
Interdisciplinary Graduate Program in Human Toxicology

April 5  

**Knickers in a Twist: PFAS Exposure and Reproductive Health Implications**  
Joe Charbonnet, PhD  
Assistant Professor, Dept of Civil, Construction and Environmental Engineering, Iowa State University, Ames, IA

April 12  

**The Brain on Radon: How home radon exposure is impacting child neurodevelopment**  
Brittany K. Taylor, PhD  
Neurodiversity Lab, Center for Pediatric Brain Health, Institute for Human Neuroscience at Boys Town National Research Hospital  
Please note the different location: 283 EMRB

April 19  

**Behavioral and biochemical Phenotypes in a Mouse Model of Houge-Janssens Syndrome 1**  
Chunling Chen  
Interdisciplinary Graduate Program in Human Toxicology  
Please note the different location: 1117 MERF

April 26  

**The Development, Evaluation, and Field Validation of Antimicrobial Nanofiber Composite Material for the Application of Personal Protective Equipment**  
Michelle Wei, MS  
Graduate Program in Toxicology, University of Iowa
Please note the different location: 283 EMRB

May 3

Beyond the Flames and Floods: Exploring Health Impacts of Climate-Exacerbated Disasters
Caryn Yip
Department of Occupational and Environmental Health, College of Public Health, University of Iowa

Please note the different time and location: Noon in 1459 PBDB

Please contact Hans-Joachim Lehmler (at 335-4981 or hans-joachim-lehmler@uiowa.edu) for more information.