HUMAN TOXICOLOGY AND EHSRC RESEARCH SEMINAR (TOX:7180) FOR FALL 2022

Time: Friday 11:00 am in 2117 MERF and/or via Zoom (https://uiowa.zoom.us/j/91248514871)

August 26  
Role of Mismatch Repair and Hypermethylation of H3K9me2 in the Induction of Nickel and Cobalt Toxicity  
Mindy Reynolds, PhD  
Department of Biochemistry and Molecular Biology, Washington College  
Location: Zoom only

September 2  
Research at The National Natural Toxins Research Center  
Elda E. Sánchez, PhD  
National Natural Toxins Research Center, Texas A&M University-Kingsville  
Location: Zoom only

September 9  
An athlete and a scholar: exploring the cerebellar contribution to cognition in neuropsychiatric disorders  
Krystal Parker, PhD  
Department of Psychiatry, Carver College of Medicine, University of Iowa  
Location: 2117 MERF or Zoom

September 16  
Insights Regarding CBD’s Immune Suppressive Effects Obtained from Murine and Canine Cells  
Barbara Kaplan, PhD  
Department of Comparative Biomedical Sciences, College of Veterinary Medicine, Mississippi State University  
Location: Zoom only

September 20  
Epigenetics and Environmental Exposures in Parkinson’s Disease  
Alison Bernstein, PhD  
Department of Pharmacology and Toxicology, Rutgers University  
Time: 11:30  
Location: 257 CPB (Note different time and location)
September 23  
*Novel functions of the inactive rhomboid protein 2 in tissue homeostasis and inflammation*  
Thorsten Maretzy, PhD  
Department of Internal Medicine, Carver College of Medicine, University of Iowa  
**Location:** 2117 MERF or Zoom

September 27  
*Mechanisms Linking Organophosphorus Pesticides (Ops) to Cognitive Impairment Vary According to Exposure Paradigm: Evidence from Rat Models of Occupational vs. Acutely Intoxicating OP Exposures*  
Pamela J. Lein, PhD  
Department of Molecular Biosciences, School of Veterinary Medicine, University of California, Davis  
**Time:** 11:30  
**Location:** 257 CPB (Note different time and location)

September 30  
*Fishing for Mechanisms of Developmental Toxicity: Tales from the Zebrafish Embryo*  
Alicia R. Timme-Laragy, PhD  
Department of Environmental Health Science, School of Public Health and Health Sciences, University of Massachusetts Amherst  
**Location:** Zoom only

October 7  
*The University of Iowa Microbiome Core – An Introduction*  
Ashutosh Mangalam, PhD  
**Microbiome Core, University of Iowa**  
**Location:** 2117 MERF or Zoom

October 13 to 14  
*Central States Chapter of the Society of Toxicology Annual Meeting*

October 21  
*Iron metabolism in Glioblastoma*  
Yousuf Md Ali, BS, MS  
Graduate Research Assistant, Radiation Oncology  
**Location:** 2117 MERF or Zoom

October 28  
*Stem Cell Regeneration of the Airway Surface Epithelium and Submucosal Glands*  
Thomas J Lynch, PhD  
K99 Research Fellow, Visiting Instructor  
Cardiothoracic Surgery Department and Anatomy and Cell Biology Department, Carver College of Medicine  
**Location:** 2117 MERF or Zoom
November 4  

**TBN**
Shannon M. Roesler, JD  
College of Law, University of Iowa  
**Location: 2117 MERF or Zoom**

November 11  

*Genetic instability resulting from repair of DNA breaks*
Anna Malkova, Ph.D.  
Department of Biology, College of Liberal Arts and Science,  
University of Iowa  
**Location: 2117 MERF or Zoom**

November 21 – 25  

*Spring break*

December 2  

*Molecular mechanisms of long-term memory storage*
Ted Abel, PhD  
Iowa Neuroscience Institute and Department of Neuroscience and Pharmacology, Carver College of Medicine, University of Iowa  
**Location: 2117 MERF or Zoom**

December 14 – 16  

*Superfund Annual Meeting*  
Raleigh, North Carolina

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