

**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 Maretzky, 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.