September –

September 2 – No Seminar

September 9
John Thyfault, Ph.D.
Professor
Molecular and Integrative Physiology
KUMC
“Sexual dimorphism impacts hepatic responses to high fat diet and exercise”

September 16
Steven M. LeVine, Ph.D.
Professor
Molecular and Integrative Physiology
KUMC
“Experimental Therapies for Krabbe Disease”

September 23
Carmen Williams, M.D., Ph.D.
Senior Investigator
Reproductive Medicine Group
Reproductive & Developmental Biology Laboratory
NIEHS
Kathleen M. Osborn Memorial Lectureship
“Developmentally programmed tankyrase activity licenses progression of embryonic genome activation”
Funded by the Kathleen M. Osborn Memorial Endowment Fund
Co-Hosted by Dr. Leslie Heckert, Marion M. Osborn Professor for Reproductive Sciences, Physiology, KUMC and Dr. Lane Christenson, Professor, Molecular and Integrative Physiology

September 30
E. Matthew Morris, Ph.D.
Research Assistant Professor
Molecular and Integrative Physiology
KUMC
“Tissue and Systematic Energy Metabolism as Mediators of Diet-Induced Weight Gain and Adiposity”

October –

October 7
P. Jeremy Wang, M.D., Ph.D.
Professor, Department of Biomedical Sciences
Director, Center for Animal Transgenesis & Germ Cell Research
School of Veterinary Medicine
University of Pennsylvania

School of Medicine Bohan Distinguished Lecturer
“Genetic and Epigenetic Regulations of Transposable Elements in the Genome.”
Partially Sponsored by the Bohan Visiting Professor Program & by J. Hambleton Abrahams Lectureship in Physiology Endowment Fund
Hosted Dr. Ning Wang, Assistant Professor, Molecular and Integrative Physiology, KUMC

October 14
Russell H. Swerdlow, M.D.
Gene and Marge Sweeney Professor
Department of Neurology
Director, KU Alzheimer’s Disease Center
KUMC
“Mitochondria and Mitochondrial Cascades in Alzheimer’s Disease”

October 21
Dean, Joan C. Edwards School of Medicine
Professor, Internal Medicine
Marshall University
Huntington, West Virginia

School of Medicine Bohan Distinguished Lecturer
“Oxidant Stress in Adipocytes; A Key Factor in the Development of Uremic Cardiomyopathy”
Partially Sponsored by the Bohan Visiting Professor Program & by the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund
Hosted by Dr. V. Gustavo Blanco, Professor and Kathleen M. Osborn Chair, Molecular and Integrative Physiology, KUMC

October 28
Janice Evans, Ph.D.
Biochemistry and Molecular Biology
Purdue University
West Lafayette, Indiana

School of Medicine Bohan Distinguished Lecturer
“The oocyte’s progression through meiosis: Challenges in space and time”
Sponsored by the KU School of Medicine Bohan Visiting Professor Program and J. Hambleton Abrahams Lectureship in Physiology Endowment Fund
Hosted by Dr. Lane Christenson, Professor, Molecular and Integrative Physiology, KUMC

**November –**

November 4
Chad Slawson, Ph.D.
Associate Professor
Biochemistry and Molecular Biology
KUMC
“Using Multi-omic Approaches to Understand the Function of the O-ClcNAc Rheostat”

November 11
No Seminar – Veteran’s Day

November 18
Ken McCarson, Ph.D.
Professor
Pharmacology, Toxicology and Therapeutics
KUMC
Director, KUMC/KIDDRC Rodent Behavior Facility
“Assessing Complex Movement Behaviors in Models of Neurological Disorders in the KUMC Rodent Behavior Facility”

November 25
No Seminar

**December –**

December 2
Warren Nothnick, Ph.D.
Professor and Vice- Chair
Molecular and Integrative Physiology
Director, Center for Reproductive Sciences
Scientific Advisor, Laboratory Animal Resources
KUMC
“Deciphering the role of miRNAs in endometriosis pathophysiology using mouse models”

December 5
Harrison Stierwalt, M.S.
Doctoral Student
Translational Metabolism Research
Laboratory
Oregon State University
“Regulation of skeletal muscle insulin action and fatty acid trafficking with obesity and exercise”

December 9
Ashley Cloud
Graduate Student
Molecular and Integrative Physiology
KUMC
“The Role of REST in the Regulation of Steroid Hormone Response”

December 16 – Cancelled
John A. Stanford, Ph.D.
Professor
Molecular and Integrative Physiology
KUMC
“Translatable Resistance Exercise Interventions for Rat Models of Neuromuscular Function”