January –

January 2 – No Seminar – New Year’s Holiday

January 9 –
Courtney A. Marsh, M.D., MPH
Clinical Associate Professor
Department of Obstetrics and Gynecology
Reproductive Endocrinology & Infertility Division
KUMC
“Limbic Activation in Polycystic Ovary Syndrome”

Dissertation Defense, 2:30 p.m. Stowers Institute for Medical Research Classroom
JP McGinnis
M.D. / Ph.D. Student
Molecular & Integrative Physiology
Stowers Institute for Medical Research
KUMC
“Memory: From Sensory Circuits To Protein Conformations”

January 16 – No Seminar – Martin Luther King Jr. Holiday

January 23 –
Jeffrey M. Friedman, M.D., Ph.D.
Investigator, Howard Hughes Medical Institute
Marilyn M. Simpson Professor
Laboratory of Molecular Genetics
The Rockefeller University
New York, NY
“Leptin and the Regulation of Food Intake and Body Weight”
Hosted by the Physiology Society
Department of Molecular and Integrative Physiology, KUMC
Funded by the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

January 30 –
Lane Christenson, Ph.D.
Associate Professor
Molecular and Integrative Physiology
KUMC
“Studies of Extracellular Vesicle Function in Ovarian Biology”
February –

February 6 –
Bony de Kumar, Ph.D.
Post-doctoral Fellow
Krumlauf Lab
Stowers Institute for Medical Research
“TALES of mapping Hos target”

February 13 – No Seminar

February 20 –
Tiangang Li, Ph.D.
Pharmacology, Toxicology & Therapeutics
University of Kansas Medical Center
“Bile Acid Signaling in Liver Metabolism”

February 27 –
Andrea Braundmeier, Ph.D.
Assistant Professor
Medical Microbiology, Immunology & Cell Biology
Department of Obstetrics and Gynecology
Southern Illinois University, School of Medicine
Carbondale, IL
“The Host Microbiome: A Novel Tool to Diagnose Inflammation and Disease”
Hosted by Dr. Faezeh Koohestani, Postdoctoral Fellow (Chennathukuzhi Lab),
Molecular and Integrative Physiology, KUMC
Funded by the J. Hambleton Abrahams Lectureship in Physiology Endowment Fund

March–

March 6 –
Prachee Avasthi, Ph.D.
Molecular and Integrative Physiology
KUMC
“Actin Redundancy is Required for Assembly of the Microtubule-Based Flagellum in Chlamydomonas”

March 13 –
Vargheese Chennathukuzhi, Ph.D.
Molecular and Integrative Physiology
KUMC
“REST- the Master Regulator of Tumorigenic Pathways in Uterine Fibroids”
March 16 –
**James L. Voogt Lecture in Neuroendocrinology**
Joseph S. Takahashi, Ph.D.
Professor and Chair, Dept. of Neuroscience
Investigator, Howard Hughes Medical Institute
Loyd B. Sands Distinguished Chair in Neuroscience
University of Texas Southwestern Medical Center
“Transcriptional Architecture of the Circadian Clock in Mammals”
Partially sponsored by the Institute for Reproductive Health & Regenerative Medicine, James L. Voogt Lectureship Fund, Department of Molecular and Integrative Physiology, and the Bohan Visiting Professor Program

March 20 –
**School of Medicine Bohan Visiting Professor Program**
Steven Britton, Ph.D.
Professor, Departments of Anesthesiology and Molecular & Integrative Physiology
University of Michigan Medical School
Ann Arbor, MI
“Artificial Selection for Rat Models of Complex Disease Risks: An Evolutionary Strategy”
Hosted by Dr. John Thyfault, Associate Professor
Molecular and Integrative Physiology, KUMC
Partially sponsored by the Bohan Visiting Professor Program and Dr. Louis R. Fletcher Endowment Physiology Fund

March 27 –
Jeremy Chien, Ph.D.
Assistant Professor, Cancer Biology
Program Leader, Applied Genomics and Cancer Therapeutic (AGCT)
University of Kansas Medical Center
“Targeting the Molecular Mechanisms of ‘Evolvability’ to Improve Chemotherapies for Ovarian Cancer”

March 28 –
Dissertation Defense, 1:30 p.m. Beller Conference Center
Asona Lui
Graduate Student
Molecular & Integrative Physiology
KUMC
“The Role of IFITM1 in Promoting Aromatase-Inhibitor Resistant Breast Cancer Aggression”
April –

April 3 – No seminar.

April 10 –
**School of Medicine Bohan Visiting Professor Program**
Dexi Liu, Ph.D.
Panoz Professor of Pharmacy
Head, Department of Pharmaceutical and Biomedical Sciences
University of Georgia, College of Pharmacy
Athens, GA
“Hydrodynamic Gene Transfer and Its Applications”
Hosted by Dr. Warren Nothnick, Professor
Molecular and Integrative Physiology, KUMC
Partially sponsored by the Bohan Visiting Professor Program and Dr. Louis R. Fletcher Endowment Physiology Fund

April 12 –
Dissertation Defense, 9:00 a.m. Beller Conference Center
Kelsey Hampton
Graduate Student
Molecular & Integrative Physiology
KUMC
“Characterization of Novel Metastasis Suppressor Kisspeptins”

April 14 –
Dissertation Defense, 1:00 p.m. Beller Conference Center
Mina Farahbakhsh
Graduate Student
Molecular & Integrative Physiology
KUMC
“Role of MicroRNA-29 and ADAM12 in the Regulation of REST Dependent Signaling Pathways in Uterine Fibroids”

April 17 –
Julia Zeitlinger, Ph.D.
Associate Investigator
Stowers Institute for Medical Research
KUMC
“Peeking into Transcription in vivo using High-Resolution Genomics Techniques”
April 18 –
Dissertation Defense, 1:30 p.m. Beller Conference Center
Amanda Brinker
Graduate Student
Molecular & Integrative Physiology
KUMC
“Mitochondrial haplotype affects tumorigenesis and metastatic efficiency through cell-autonomous and non-cell autonomous mechanisms”

April 24 –
Bret Freudenthal, Ph.D.
Assistant Professor
Laboratory of Genome Maintenance & Structural Biology
Department of Biochemistry and Molecular Biology
Department of Cancer Biology
KUMC
“Structural Snapshots of DNA Damage Processing”

May –

May 1 –
Tomoo Iwakuma, M.D., Ph.D.,
Associate Professor
Cancer Biology
Molecular & Integrative Physiology
KUMC
“Targeting Oncogenic Mutant p53 Through the Mevalonate Pathway-HSP40 Axis”

May 8 –
Voyages Seminar Series
Joe Lutkenhaus, Ph.D.
Molecular & Integrative Physiology
University Distinguished Professor & Chair
Director of COBRE Program – KUMC
Microbiology, Molecular Genetics & Immunology
KUMC
“A Bacteriologist’s Journey”

Dissertation Defense, 8:30 a.m. Lied Auditorium
Amy Cantilena
Graduate Student
Molecular & Integrative Physiology
KUMC
“The Role of Endoglin in the Immunomodulatory Capacities of Mesenchymal Stem Cells and the Relationship to Hyperbaric Oxygen Therapy”
May 11 –
Dissertation Defense, 9:00 a.m. Stowers Videoconference Room
Margaret R. Pruitt
Graduate Student
Molecular & Integrative Physiology
KUMC
"Interrogating telomerase activity and telomere function through in-flask template evolution"

May 15 –
School of Medicine Bohan Visiting Professor Program
Nadine P. Connor, Ph.D.
University of Wisconsin
Molecular & Integrative Physiology
“Lingual Muscle Plasticity: What Happens with Rehabilitation?”
Hosted by Dr. John Stanford, Associate Professor
Molecular & Integrative Physiology, KUMC
Partially sponsored by the Bohan Visiting Professor Program and J. Hambleton Abrahams Lectureship in Physiology Fund

May 22 –
Nikki Cheng, Ph.D.
Department of Pathology and Laboratory Medicine
Molecular & Integrative Physiology
KUMC
“Molecular Switching of DCIS to Invasive Ductal Carcinoma through CCL2/CCR2 Chemokine Signaling”

May 29 – No seminar, Memorial Day
June –

June 12 -
Dissertation Defense, 8:30 a.m. Lied Auditorium
Archana Raman
Graduate Student
Molecular and Integrative Physiology
KUMC
“The Role of Matricellular Signaling in Polycystic Kidney Disease”

June 22 –
Dissertation Defense, 1:00 p.m, Stowers Institute for Medical Research
Liying Li
Graduate Student
Molecular and Integrative Physiology
KUMC
‘Drosophila CPEB, a Orb2, a Putative Biochemical Engram of Long-term Memory’