January

January 7 -
T. Rajendra Kumar, PhD
Associate Professor
Molecular & Integrative Physiology
KUMC

*Genetic Modification of Gonadotropin Secretion & Ovarian Function*

January 14 - No seminar

January 21 - No seminar, Martin Luther King, Jr Day

January 28 -
Pomila Singh, PhD, AGAf
Professor
Department of Neuroscience & Cell Biology
Department of Biochemistry & Molecular Biology
Department of Internal Medicine
University of Texas Medical Branch
Galveston, TX

*Diagnostic and therapeutic significance of cancer stem cell markers*

February

February 4 -
Vargheese Chennathukuzhi, PhD
Assistant Professor
Molecular & Integrative Physiology
KUMC

*Pathogenesis of uterine fibroids - New molecular mechanisms*

February 11 -
Pamela Tran, PhD
Assistant Professor
Anatomy & Cell Biology
KUMC

*Primary cilia and Hedgehog signaling in cystic kidney disease*

February 18 -
Nancy Berman, PhD
Professor
Anatomy & Cell Biology
KUMC

*How aging changes the brain's responses to injury*

February 25 - ***CANCELED due to inclement weather***
Blake Peterson, PhD
Regents Distinguished Professor
Medicinal Chemistry
University of Kansas
Lawrence, KS

*Synthetic mimics of mammalian cell surface receptors and related molecular probes*
March

March 1 - PhD Dissertation Defense, 2:00 p.m.
Arita Bhattacherjee
Graduate Student
Department of Molecular & Integrative Physiology
KUMC
Mechanisms of structural plasticity in mature sensory axons: Role of BMP4 in female reproductive tract

March 4 -
Steven LeVine, PhD
Professor
Molecular & Integrative Physiology
KUMC
Vascular changes in response to anthrax lethal toxin

March 7 - 12:00 p.m., Lied Auditorium
Gerd Heusch, MD, PhD, FRCP
Professor & Chairman
Institute for Pathophysiology
University School of Medicine Essen
Essen, Germany
Coronary microembolization- from bedside to bench and back to bedside

March 11 -
Anand Mehta
Associate Professor
Drexel University College of Medicine
Doylestown, PA
Fucosylation in liver cancer: Not all sugars are sweet!

March 18 -
Christie Befort, PhD
Assistant Professor
Preventative Medicine & Public Health
KUMC
Breast cancer prevention through weight control and physical activity

March 25 - PhD Dissertation Defense, 9:00 a.m., Building 4 1st floor Classroom, Stowers Institute for Medical Research
Huan Yang
Graduate Student
Molecular & Integrative Physiology
KUMC
Characterization of three novel RNAi machinery components in C. elegans

March 25 -
Irfan Saadi, PhD
Assistant Professor
Anatomy & Cell Biology
KUMC
Role of SPECC1-like cytoskeletal proteins in craniofacial morphogenesis and malformation
April

April 1 -
Swathi Iyer
Graduate Student
Molecular & Integrative Physiology
KUMC
Roles of genes regulating sphere-forming potential of osteosarcoma

April 8 -
Tommaso Falcone, MD
Department Chairman
Obstetrics and Gynecology
Vice Chair, Office of the Chief of Staff
Professional Staff Affairs
Cleveland Clinic Main Campus
Cleveland, OH
Relationship between pathophysiology and management of endometriosis patients

April 15 -
LuZhe Sun, PhD
Professor, Department of Cellular & Structural Biology
Dielmann Endowed Chair in Oncology
Associate Director for Translational Research
Cancer Therapy and Research Center
University of Texas Health Science Center
San Antonio, TX
TGFβ Signaling in Tumor Microenvironment

April 16 - PhD Dissertation Defense, 1:00 p.m. 1001-1003 Beller Conference Center
Elizabeth A. Dille
Graduate Student
Molecular & Integrative Physiology
KUMC
The Application of Histone Analysis for Identifying Distal Regulatory Elements - Regulation of FSHR

April 22 -
Mohammed Repon Khan
Graduate Student
Molecular & Integrative Physiology
KUMC
Role of Drosophila Orb2 (CPEB) in Synaptic Protein Synthesis

April 29 - Kathleen M. Osborn Memorial Lectureship
Michael Griswold, PhD
Regents Professor
School of Molecular Biosciences
College of Veterinary Medicine
Washington State University
Pullman, Washington
Cycles, Waves and Retinoic acid in Spermatogenesis
May

May 6 -
Joan Lewis-Wambi, PhD
Assistant Professor
Cancer Biology
KUMC
Endocrine resistance and breast cancer: A novel approach for treatment

May 10 - PhD Dissertation Defense, 9:30 a.m., Lied Auditorium
Bliss O'Bryhim
Graduate Student
Molecular & Integrative Physiology
KUMC
Genetic Susceptibility to the Murine Model of Retinopathy of Prematurity: Identification of a Novel Role of Tyrosinase in Retinal Angiogenic Regulation

May 13 - Voyages Seminar Series
Joan S. Hunt, PhD
University Distinguished Professor Emeritus
Anatomy & Cell Biology
KUMC
Why Kansas?

May 20 -
Brooke L. Fridley, PhD
Associate Professor, Biostatistics
Director, Biostatistics and Informatics Shared Resource, University of Kansas Cancer Center
Site Director, K-INBRE Bioinformatics Core
KUMC
Statistical Genomics and Bioinformatics in Medical Genomic Research

May 27 - No seminar, Memorial Day

June

June 3 - PhD Dissertation Defense, 9:00 a.m., Lied Auditorium
Jonathan Fitzgerald
Graduate Student
Molecular & Integrative Physiology
KUMC
Novel Direct Targets and Functional Roles for MicroRNA-21 in Granulosa Cells and Human Uterine Leiomyomas

June 5 - PhD Dissertation Defense, 12:00 p.m., Room 119, Stowers Institute for Medical Research
Ram Kannan, B.Tech
Graduate Student
Molecular & Integrative Physiology
KUMC
Mechanism and function of spliceosomal cleavage in fission yeast
June 6 - PhD Dissertation Defense, 1:30 p.m., Lied Auditorium  
Kyle Jansson  
Graduate Student  
Molecular & Integrative Physiology  
KUMC  
*Novel Effects of Ouabain in Autosomal Dominant Polycystic Kidney Disease Cystogenesis*

June 11 - PhD Dissertation Defense, 1:00 p.m., 1025 Orr-Major  
Edward T.R. Urban, III  
Graduate Student  
Molecular & Integrative Physiology  
KUMC  
*Changes in RFA After M1 Ischemic Infarct in Rat*

June 21 - PhD Dissertation Defense, 10:00 a.m., Room 119, Stowers Institute for Medical Research  
Sarah Smith  
Graduate Student  
Molecular & Integrative Physiology  
KUMC  
*Mechanisms of Cellular Symmetry Breaking in S. cerevisiae*