Seminar Series: Spring 2007

January

January 1 - No Seminar – New Year's Day

January 8 – Sang-Pil Lee, Ph.D.
Assistant Professor
Molecular & Integrative Physiology
Hoglund Brain Imaging Center
KUMC
Anatomical and Functional Imaging of Transgenic Mice Using Magnetic Resonance

January 15 – No Seminar - Martin Luther King Day

January 22 – Lisa Stehno-Bittel, Ph.D., PT
Associate Professor and Chair
Physical Therapy and Rehabilitation Sciences
KUMC
The Makings of a Pancreas

January 29 -Ronald J. Korthuis, Ph.D.
George L. and Melna A. Bolm Distinguished Professor in Cardiovascular Health
Chairman
Department of Medical Pharmacology and Physiology
University of Missouri - Columbia
Antecedent Ethanol Ingestion Prevents Postischemic Leukosequestration Injury: Cellular
Mechanisms

February

February 5 -Mehmet Bilgen, Ph.D.
Associate Professor
Molecular & Integrative Physiology
Hoglund Brain Imaging Center
KUMC
High Field MRI Applications in Biomechanics and Neuroscience Research

February 12 - John Stanford, Ph.D.
Assistant Professor
Molecular & Integrative Physiology
KUMC
Clinically-Analogous Measures of Motor Function in Rodent Models of Normal Aging and ALS
February 19 - Dale Abrahamson, Ph.D.
Professor & Chair
Anatomy and Cell Biology
KUMC

*Development of the Kidney Filtration Barrier: Origin of Glomerular Endothelial Cells and their Role in Basement Membrane Assembly*

February 26 - Amy O'Brien Ladner, MD
Division Director
Pulmonary & Critical Care Medicine
KUMC

*Iron: Regulatory Activities in the Lung*

March

March 5 - Sangita Biswas, Ph.D.
Senior Reserach scientist
MidAmerica Neuroscience Research Foundation
Lenexa, KS

*Treatment of Multiple Sclerosis with High Dose Intravenous Methotrexate with Leucovorin Rescue: Teaching an Old Dog New Tricks*

March 12 - William Brooks, Ph.D.
Director
Hoglund Brain Imaging Center
KUMC

*Translational Studies in Traumatic Brain Injury: From Man to Rodent*

March 19 - No Seminar

March 26 - Kottarappat N. Dileepan, Ph.D.
Professor
Allergy/Clinical Immunology/Rheumatology
Department of Internal Medicine
KUMC

*Regulation of Endothelial Cell Innate Immune Function and Inflammatory Responses by Histamine*

April

April 2 - Hiroshi Nishimune, Ph.D.
Assistant Professor
Anatomy and Cell Biology
KUMC

*Organization of the Nerve Terminal by Synapteic Cleft Components*
April 9 - Zijian Xie, Ph.D.
Professor
Physiology, Pharmacology, Metabolism, and Cardiovascular Sciences
The University of Toledo
Toledo, Ohio
*The Non-Pumping NA/K-ATPase and Cardiovascular Physiology of Endogenous Cardiotonic Steroids*

April 16 - Dianne Durham, Ph.D.
Professor
Otolaryngology
KUMC
*CNS Plasticity Following Auditory Deprivation*

April 23 - David Albertini, Ph.D.
Hall Endowed Professor
Molecular & Integrative Physiology
KUMC
*Like Rome, All Good Things Must Fall: A Case History About the Ovarian Stem Cell Controversy*

April 30 - Ho Yi Mak, Ph.D.
Assistant Investigator
Stowers Institute for Medical Research
Kansas City, MO
*Genetic Regulation of Fat Storage in C. Elegans*

May

May 7 - Zhiming Suo, MD
Director
Lab for Alzheimer's Disease & Aging Research
Kansas City VA Medical Center
Departments of Neurology and Physiology
KUMC
*GRK Dysfunction and Alzheimer's Pathogenesis*

May 14 - John Wood, Ph.D.
Associate Professor
Molecular & Integrative Physiology
KUMC
*Hypoxia and Microvascular Acclimatization*

May 21 - Dr. Richard N. Sandford, MB, Ph.D., FRCP
Wellcome Trust Senior Fellow in Clinical Research and University Lecturer
May 28 - No Seminar - Memorial Day

June

June 19 - **Ph.D. DISSERTATION DEFENSE**
Marie-Helene Boudrias
Department of Molecular & Integrative Physiology
KUMC
Properties of Forelimb Muscle Representations in the Primate Cerebral Cortex

June 25 - **Ph.D. DISSERTATION DEFENSE**
Ines Eisner-Janowicz
Department of Molecular & Integrative Physiology
KUMC
Role of the remote motor cortex in recovery from an ischemic motor lesion in non-human primates

June 27 - **Ph.D. DISSERTATION DEFENSE**
Jennifer Ho-Chen
Department of Molecular & Integrative Physiology
KUMC
Maternal and Placental Adaptations to Hypoxia