Seminar Series: Spring 2011

Seminar Schedule - Spring 2011
Seminar Start Time: 4:00 p.m.
Location: Lied Auditorium (except as noted)
Refreshments served in the Hixon Atrium beginning at 3:45 p.m.

January

January 3 - No Seminar

January 10 - **CANCELED**
S. Kendall Smith
Graduate Student
Molecular & Integrative Physiology
KUMC
Matrimony - Can it Last Throughout the Years? Using Evolution to Dissect the Functionality of a Polo Kinase Regulator

January 17 - No Seminar - Martin Luther King, Jr. Day

January 24 - **CANCELED**
Richard A. Hopkins, MD, FACS, FACC
Director of Cardiac Surgery Research Laboratories
Chief of Adult/Adolescent Congenital Cardiac Surgery
Children's Mercy Hospital
Professor of Surgery
University of Missouri Kansas City School of Medicine
Kansas City, MO
Tissue Engineering and Cardiac Surgery Heart Valve Replacements

January 31 - **CANCELED**
Dharmalingam Subramaniam, Ph.D.
Research Assistant Professor
Molecular & Integrative Physiology
KUMC
Gastrin Mediated Carcinogenesis: Novel Target for Cancer Prevention

February

February 7 -
Bryan Copple, Ph.D.
Associate Professor
Pharmacology, Toxicology & Therapeutics
KUMC
Role of Hypoxia-Inducible Factors in Fibrosis
February 14 - 
Hao Zhu, Ph.D.
Assistant Professor
Clinical Laboratory Sciences
KUMC
ER Stress and Oxidative Stress in Ncb5or Diabetes Mouse Model

February 21 - 
Ajay Nangia, M.D.
Associate Professor
Urology Surgery
KUMC
Azoospermia - Clinical, Scientific and Ethical Dilemma

February 28 - 
Matthew Anway, Ph.D.
Research Assistant Professor
Molecular & Integrative Physiology
KUMC
Fetal Basis of Prostate Disease via Alterations in Epigenetics

March

March 7 - **Fred E. Samson Lectureship**
Eberhard E. Fetz, Ph.D.
Professor, Department of Physiology & Biophysics
Core Staff, Regional Primate Research Center
University of Washington
Seattle, WA
Applications of Recurrent Brain-Computer Interfaces

March 14 - **CANCELED**
Sue Jaspersen, Ph.D.
Assistant Investigator
Stowers Institute for Medical Research
Kansas City, MO
The Role of Inner Nuclear Membrane Proteins in Nuclear Organization

March 21 - **Ph.D. Dissertation Defense** 1001-1003 Beller, 1:00 p.m.
Sarah Tague
Graduate Student
Department of Molecular & Integrative Physiology
KUMC
Vitamin D Deficiency Causes Musculoskeletal Hypersensitivity: The Role of Nociceptor Hyperinnervation

March 21 - 
P. Kay Lund, Ph.D.
Sarah Graham Kenan Professor
Department of Cell and Molecular Physiology
University of North Carolina School of Medicine
March 28 -
Valentine Agbor
Graduate Student
Molecular & Integrative Physiology
KUMC
DMRT1 Regulates Distinct Biological Pathways in Sertoli Cells and Germ Cells

April

April 4 - **J. Hambleton Abrahams Lectureship**
Timothy M. Miller, MD, Ph.D.
Assistant Professor
Department of Neurology
Washington University School of Medicine
St. Louis, MO
Mitochondria and Lou Gehrig's Disease

April 11 - **Kathleen M. Osborn Lectureship**
Mary Ann Handel, Ph.D.
Senior Research Scientist
The Jackson Laboratory
Bar Harbor, ME
Regulation of Meiotic Progression

April 12 - **Ph.D. Dissertation Defense** 10:00 a.m.
Heather Hudson
Graduate Student
Department of Molecular & Integrative Physiology
KUMC
Corticospinal Output to Hindlimb Muscles in the Primate

April 15 - **Ph.D. Dissertation Defense** 1001-1003 Beller, 1:00 p.m.
Brittany Gorres
Graduate Student
Department of Molecular & Integrative Physiology
KUMC
Estrogen Receptor Regulation of Glucose and Fat Metabolism in the Skeletal Muscle and Adipose Tissue

April 18 -
Elizabeth Dille
Graduate Student
Molecular & Integrative Physiology
KUMC
cis-Regulation of the Follicle Stimulating Hormone Receptor Gene
April 25 -
Gerald Carlson, Ph.D.
Professor & Chairman
Biochemistry & Molecular Biology
KUMC
*Structural Evidence for Co-Evolution of the Regulation of Contraction and Energy Production in Skeletal Muscle*

April 28 - ** 12:00 Noon**
Ramamurthi Rallapalli, Ph.D., FNA, FNASC, FNAAS
Advisor at Sri Ramaswamy Memorial University
Advisor at Jawaharlal Nehru Technological University
Former Vice Chancellor at Sri Venkateswara University
Scientist at Indian Space Research Organization
*Psoriasis: Current Trends in Biotechnological Interventions*

May

May 2 -
Berl R. Oakley, Ph.D.
Irving S. Johnson Distinguished Professor
Molecular Biosciences
University of Kansas
Lawrence, KS
*An Unexpected Role for Gamma-Tubulin in Cell Cycle Regulation*

May 9 - **Voyages Lecture**
Harvey Fisher, Ph.D.
Professor
Biochemistry & Molecular Biology
KUMC
*The Odyssey of an Enzyme Chemist*

May 16 -
G. Stennis Watson, Ph.D.
Research Clinical Neuropsychologist
VA Puget Sound Health Care System
Assistant Professor
Department of Psychiatry & Behavioral Sciences
University of Washington School of Medicine
Seattle, WA
*A SNIFF of Insulin: From Nose to Brain*

May 23 -
Dharmalingam Subramaniam, Ph.D.
Research Assistant Professor
Molecular & Integrative Physiology
KUMC
*Gastrin Mediated Carcinogenesis: Novel Target for Cancer Prevention*

May 30 - No Seminar - Memorial Day
June

**June 7 - ***Ph.D. Dissertation Defense*** 10:00 a.m.**
Tamara Jimenez Alarcon
Graduate Student
Molecular & Integrative Physiology
KUMC
*The Na,K-ATPase α4 Isoform: Mechanisms of Action, Regulation and Relevance to Male Fertility*

**June 10 – ***Ph.D. Dissertation Defense*** 10:00 a.m.**
Won-Mee Park
Graduate Student
Molecular & Integrative Physiology
KUMC
*Interplay of Chemical Neurotransmitters Regulates Developmental Increase in Electrical Synapses*

**June 17 – ***Ph.D. Dissertation Defense*** 1001-1003, Beller, 9:00 a.m.**
Jill Morris
Graduate Student
Molecular & Integrative Physiology
KUMC
*Nigrostriatal Dopamine Function and Insulin Resistance*

**June 29 – ***Ph.D. Dissertation Defense*** 3:00 p.m.**
Sarah Kendall Smith
Graduate Student
Molecular & Integrative Physiology
KUMC
*Characterization of Matrimony's Role as a Polo Kinase Regulator during Drosophila Female Meiosis*