Seminar Series: Fall 2007

September

September 10 -

Robert Hanzlik, Ph.D  
Professor  
Medicinal Chemistry  
University of Kansas, Lawrence

Gerald Lushington, Ph.D  
Associate Scientist  
Structural Biology Center  
Courtesy Assistant Professor  
Medicinal Chemistry  
University of Kansas, Lawrence

David VanderVelde, Ph.D.  
Senior Scientist  
Structural Biology Center  
Courtesy Assistant Professor  
Medicinal Chemistry & Pharmaceutical Chemistry  
University of Kansas, Lawrence

Todd Williams, Ph.D.  
Senior Scientist  
Structural Biology Center  
Courtesy Professor  
Medicinal Chemistry  
University of Kansas, Lawrence

The KU Molecular Structures Group: Partners in Discovery and Analysis

September 17 – Ruth Welti, Ph.D.  
Professor  
Division of Biology  
Kansas State University  
Mass-Spectrometry-Based Analysis of Lipids

September 24 – Greg Vanden Heuvel, Ph.D.  
Associate Professor  
Anatomy & Cell Biology  
KUMC  
Cell Cycle Regulation in Kidney Development and Disease

October

October 1 - Brian Douglas Ackley, Ph.D.  
Assistant Professor  
Department of Molecular Biosciences  
University of Kansas, Lawrence  
ECM Dependent Synapse Formation in C. Elegans: A Genetically Tractable Model to Dissect Pathways Underlying Muscular Dystrophy-Like Diseases
October 10 – T. Rajendra Kumar, Ph.D.
Assistant Professor
Molecular & Integrative Physiology
KUMC
Genetic Approaches for Understanding FSH Physiology

October 17 - ** 37th Annual Osborn Lecture ** Lied Auditorium
Kelly E. Mayo, Ph.D.
Department of Biochemistry, Molecular Biology & Cell Biology
Center for Reproductive Science
Northwestern University
Evanston, IL
Formation and Regulation of the Ovarian Follicle: Insights from Studies on Inhibin and Activin

October 22 – Kenneth McCarson, Ph.D.
Associate Professor
Pharmacology, Toxicology & Therapeutics
KUMC
Stress, Sex and Pain: Looking for Answers Outside the Spinal Cord

October 29 – Naveet Dhillon, Ph.D.
Research Assistant Professor
Molecular & Integrative Physiology
KUMC
Antisense DNA Against Host Factors as a Therapy for AIDS

November

November 5 - Joyce Slusser, Ph.D.
Senior Scientist
Flow Cytometry Core
Director
Microbiology, Molecular Genetics & Immunology
KUMC
Go With the Flow! Whether you want to measure proliferation rate, determine cell cycle kinetics, study all steps of apoptosis, quantify soluble molecules, or do single cell westerns, you can do it all using flow cytometry tools.

November 12 - Michael Johnson, Ph.D.
Assistant Professor
Department of Chemistry
University of Kansas, Lawrence
Analysis of Neurological Disease States Using High Temporal Resolution Neurochemical and Behavioral Methods
November 19 - Garry Hammer, M.D., Ph.D.
Associate Professor
Internal Medicine
Division of Metabolism, Endocrinology & Diabetes
Molecular & Integrative Physiology
Millie Schembechler Professor of Adrenal Cancer
University of Michigan
*Adrenocortical Stem/Progenitor Cells: Implications for Plasticity in Steroidogenic Organs*

November 26 - Lisa Timmons, Ph.D.
Assistant Professor
Department of Molecular Biosciences
University of Kansas, Lawrence
*ABC Transporters are Required for Efficient RNAi in C. Elegans*

November 29 - **Ph.D. DISSERTATION DEFENSE**
Gregory A. Onyszchuck
Department of Molecular & Integrative Physiology
KUMC
*Neuroinflammation and Neurodegeneration as Mechanisms for Worsened Outcomes in Elderly Traumatic Brain Injury*

December

December 3 - Stephen H. Benedict, Ph.D.
Associate Professor
Department of Molecular Biosciences
University of Kansas, Lawrence
*The Adhesion Molecule ICAM-1: An Unexpected Regulator of the Immune Response*

December 5 - Stacy Zamudio, Ph.D.
Associate Professor
Department of Obstetrics, Gynecology and Women's Health
New Jersey Medical School
University of Medicine and Dentistry of New Jersey
Newark, NJ
*Placenta Hypoxia and Pregnancy Pathologies, Lessons from High Altitude*

December 10 - Norberto C. Gonzalez, M.D.
Professor
Molecular & Integrative Physiology
KUMC
*Alveolar Macrophages, Mast Cells, and Systematic Inflammation in the Hypoxic High Hill*

December 17 - James P. Calvert, Ph.D.
Professor
The Central Role of cAMP in Polycystic Kidney Disease: Thoughts on Treatments