Seminar Series: Fall 1997

July

July 14 - Martin Matzuk, M.D., Ph.D.
Department of Pathology, Cell Biology, and Molecular and Human Genetics
Baylor College of Medicine
*Transgenic Models to Study Reproduction and Oncogenesis*

August

August 12 - **Candidate for Assistant Professor**
Shyam k. Sharan, Ph.D.
Department of Molecular & Human Genetics
Baylor College of Medicine
*Murine BRCA2: Cloning and Functional Analysis*

August 18 - Belinda Chapman
*DNA Sequencer Tutorial*

August 26 - **Candidate for Assistant Professor**
William Shawlot, Ph.D.
Department of Molecular Genetics
University of Texas MD Anderson Cancer Center
*Genetic Analysis of the Mouse Gastrula Organizer*

September

September 8 – Raymond DuBois, M.D., Ph.D.
Department of Medicine/GI
Vanderbilt University Medical Center
*Cyclooxygenase-2: A Potential Target in Colorectal Carcinogenesis*

September 9 - Dr. Joseph Tash
Molecular & Integrative Physiology
KUMC
*Microgravity Stimulates Signal Transduction During Motility Activation in Sperm*

September 15 - Daniel Linzer, Ph.D.
Departments of Biochemistry and Molecular & Cell Biology
Northwestern University
*Placental Hormones and the Regulation of Angiogenesis*

September 22 - Mark Fisher, Ph.D.
Department of Biochemistry and Molecular Biology
KUMC

Substrate Variability in Chaperonin-Assisted Protein Folding

September 29 - Lawrence P. Sullivan, Ph.D.
Molecular & Integrative Physiology
KUMC
Cellular Basis of Fluid Transport in Cysts

October

October 6 – Jared Grantham, M.D.
Department of Medicine and Biochemistry & Molecular Biology
KUMC
Pathogenesis of Progressive Dysfunction in Polycystic Kidney Disease

October 13 - Brian Davis, Ph.D.
Department of Anatomy and Neurobiology
University of Kentucky
Novel Effects of Neurotrophins on the Developing Sympathetic Nervous System

October 14 - Dr. Heiner Müller
Molecular & Integrative Physiology
KUMC
Uteroplacental Prolactin Family: New Developments

October 20 - George Bousfield, Ph.D.
Department of Biological Sciences
Wichita State University
Structure Function Studies on Equine Gonadotropins

October 27 - Hiroaki Serizawa, Ph.D.
Department of Biochemistry and Molecular Biology
KUMC
The Multiple Functions of Transcription Factor TFIIH

October 28 - Dr. Jill Jacobson
Pediatric Endocrinology
The Children's Mercy Hospital
Gender Bias in the Immune System

November

November 3 - Randolph J. Nudo, Ph.D.
Molecular & Integrative Physiology
Center on Aging
KUMC
Adaptive Plasticity in Primate Motor Cortex as a Consequence of Behavioral Experience and Neuronal Injury

November 10 - Thomas Pazdernik, Ph.D.
Pharmacology, Toxicology, and Therapeutics
KUMC

Limbic Stressors: Neuroprotective or Neurodegenerative

November 11 - Thomas Peters
Molecular & Integrative Physiology
KUMC

Trophoblast Giant Cell Differentiation: Invasive & Endocrine Properties

November 17 - **Candidate for Assistant Professor**
T. Rajendra Kumar, Ph.D.
Department of Pathology
Baylor College of Medicine

Redesigning The Reproductive Axis: A Transgenic Approach

November 18 - Kevin V. King
Division of Biological Sciences
University of Missouri - Columbia

SMAD Signaling in Larval Development and Life Span Determination of C. Elegans

November 24 - Dale B. Hales, Ph.D.
Department of Physiology/Biophysics
University of Illinois, Chicago

Immune-Endocrine Control of Leydig Cell Steroidogenesis

November 25 - Dr. Jeffery Bowen
Anatomy & Cell Biology
KUMC

The Role of Integrins in Placental Development

November 25 - **Walter T. Imagawa, Ph.D.**
Department of Pharmacology and Kansas Cancer Institute
KUMC

Hormone/Growth Factor Networks in Mammary Gland Development and Neoplasia

December

December 1 - Kyle Orwig, Ph.D.
Molecular & Integrative Physiology
KUMC

Transcriptional Regulation in Decidual and Trophoblast Cells
December 2 - Dr. Jeffery Bowen  
Anatomy & Cell Biology  
KUMC  
*The Role of Integrins in Placental Development*

December 8 - Tsuneo Suxuki, M.D., Ph.D.  
Microbiology, Immunology, and Molecular Genetics  
KUMC  
*Transcriptional Regulation in Decidual and Trophoblast Cells*

December 9 - Dr. Virginia Rider  
Biological Sciences  
University of Missouri - Kansas City  
*Gender Differences in Auto Immune Disease: Estrogen and Systemic Lupus Erythematosus*

December 15 - Hideaki Nagase, Ph.D.  
Biochemistry and Molecular Biology  
KUMC  
*Collagenases and TIMPS*

December 22 - James L. Voogt, Ph.D.  
Molecular & Integrative Physiology  
KUMC  
*Hormonal and Neuronal Regulation of Tyrosine Hydroxylase*