Seminar Series: Spring 2002

January

**January 28** - William Kinsey, Ph.D.  
Department of Anatomy & Cell Biology  
KUMC  
*Tyrosine Phosphatase/Kinase Interactions at Fertilization*

February

**February 11** – Ben Cowley, M.D.  
Department of Internal Medicine  
Division of Nephrology  
KUMC  
*Polycystic Kidney Disease: From Start to (Renal) Failure*

**February 18** – Joanne Marcario, Ph.D.  
Molecular & Integrative Physiology  
KUMC  
*Neuron Loss and Neuropathology in a Model of HIV-1 Infection*

**February 20** – Katherine Roby, Ph.D.  
Anatomy & Cell Biology  
KUMC  
*Characterization of a Mouse Model for Ovarian Cancer*

**February 22** - Phyllis Wise, Ph.D.  
Dean, Division of Biological Sciences  
University of California - Davis  
*Neuroprotective Actions of Estrogen Against Brain Injury*

**February 25** – Cheryl Sisk, Ph.D.  
Director of Neuroscience Program  
Department of Psychology  
Michigan State University  
*Pubertal Maturation of the Male Brain and Reproductive Behavior: Recasting a Behavioral Potential*

March

**March 4** – Peter Smith, Ph.D.  
Molecular & Integrative Physiology  
KUMC  
*Paracrine and Autocrine Roles for Nerve Growth Factor in Autonomic Neurons*
March 6 - Wen Bin Tsai
Anatomy & Cell Biology
KUMC
*Regulation of Yes Tyrosine Kinase Activity from Fertilization to Gastrulation of the Zebrafish Egg*

March 11 – Diane Persons, M.D.
Department of Pathology and Laboratory Medicine
KUMC
*Regulation of p53 by Cisplatin-Induced ERK*

March 18 - Darren Wallace, Ph.D.
Department Biochemistry and Molecular Biology
KUMC
*Electrolyte and Fluid Secretion by Renal Collecting Ducts*

April

April 1 - Patrice Delafontaine, M.D.
Director, Division of Cardiovascular Diseases
Internal Medicine
KUMC
*Aspects of IGF-I Regulation in Cardiovascular Disease*

April 2 - Asgi Fazleabas, Ph.D.
Physiology
University of Illinois - Chicago
*Embryonic Signals and Modulation of the Primate Endometrium*

April 4 - **Ph.D. Dissertation Defense**
Haengseok Song
Molecular & Integrative Physiology
*Molecular Signaling in Uterine Receptivity for Blastocyst Implantation*

April 8 - Joseph Tash, Ph.D.
Molecular & Integrative Physiology
KUMC
*New Approaches to Contraception: How About the Male for a Change?*

April 15 - Curt Klaassen, Ph.D.
Department of Pharmacology & Toxicology
KUMC
*Regulation of the Biliary Excretion of Xenobiotics*

April 17 - Hongzheng Zhang
Molecular & Integrative Physiology
KUMC

Interaction of Progesterone & Prolactin in Mammary Gland Development and Tumorigenesis

April 19 - **Ph.D. Dissertation Defense**
Michael Park
Molecular & Integrative Physiology
KUMC

Representation of Forelimb Muscles in the Primary Motor Cortex of Rhesus Macaques

April 22 - Derrick Rancourt, Ph.D.
Department of Biochemistry Molecular Biology
University of Calgary

Novel Trypatases Associated with the Initiation of Implantation

April 23 - Debra J. Wolgemuth, Ph.D.
Genetics and Development
Columbia University College of Physicians and Surgeons
New York, NY

From Meiosis Arrest to Myeloid Leukemia: New Insight into the Function of the Mammalian A-type Cyclins

April 29 - Gilbert Greenwald, Ph.D.
Molecular & Integrative Physiology
KUMC

Evolution of a Science: 19th Century Physiology Texts

May

May 6 - Jeff Radel, Ph.D.
Department of Occupational Therapy
KUMC

Dietary Deficiency of Essential Fatty Acids During Development in Rats Influences Brain Function at Maturity

May 13 - Glen Andrews, Ph.D.
Department of Biochemistry & Molecular Biology
KUMC

Mechanisms of Metal-Regulation of Gene Expression

May 15 - SK Dey, Ph.D.
Molecular & Integrative Physiology
KUMC

Molecular Basis of Implantation

May 29 - Joseph Tash, Ph.D.
Molecular & Integrative Physiology

June

**June 26 - Ph.D. Dissertation Defense**
Kathleen Friel
Molecular & Integrative Physiology
KUMC
Cortical Plasticity and Behavioral Recovery Following Focal Lesions to Primary Motor Cortex in Adult Squirrel Monkeys