Seminar Series: Spring 1992

January

January 13 - Greg Reed, Ph.D.
Department of Pharmacology, Toxicology and Therapeutics
KUMC
*Prostaglandin H Synthase, an Endogenous Free Radical Generator*

February

February 3 - Robert Delisle, Ph.D.
Department of Anatomy and Cell Biology
KUMC
*Phenotypic Plasticity of Pancreatic Acinar Cells in Culture*

February 10 – Peggy Sellner, Ph.D.
Department of Anatomy and Cell Biology
KUMC
*How the Retina Develops: Changes in Lipid-Building Proteins During Differentiation*

February 17 – Victor Dzau, M.D.
Division of Cardiovascular Medicine
Cardiovascular Research Center
Stanford University Medical School
*Growth Factors and Gene Therapy in Vascular Disease*

February 24 - Gilbert S. Greenwald, Ph.D.
Molecular & Integrative Physiology
KUMC
*Effect of a Monoclonal Antibody for Progesterone on Pregnancy*

February 25 - Paul Burton, Ph.D.
Department of Physiology and Cell Biology
University of Kansas
Lawrence, KS
*Cytoskeleton of Olfactory Neurons with Emphasis on Microtubules*

March

March 2 – Vincent Gattone, Ph.D.
Department of Anatomy and Cell Biology
KUMC
*Infantile Polycystic Kidney Disease: A Role for EGF?*
March 16 - Dianne Durham, Ph.D.
Departments of Otolaryngology and Anatomy and Cell Biology
KUMC
*Neuronal Cell Death in the Auditory System: Rapid Metabolic and Ultrastructural Events*

March 23 - Alan Poisner, Ph.D.
Department of Pharmacology, Toxicology and Therapeutics
KUMC
*Cellular Mechanisms of Renin Release From Human Placenta*

March 30 - Rick Tessel, Ph.D.
Department of Pharmacology
University of Kansas, Lawrence
*Postsynaptic Neuropeptide Y Receptor Subtypes and Vascular Regulation*

April

April 1 - Johannes Piiper, M.D.
Department of Physiology
Max-Planck Institute for Experimental Physiology
Gottingen, Germany
*Perfusion Inhomogeneity in Muscle: Effect on Oxygen Supply*

April 6 - **Ph.D. dissertation Defense**
Cathleen Sagrillo
Department of Physiology
KUMC
*The Role of Endogenous Opioids in the Regulation of the Nocturnal Surges During Pregnancy in the Rat*

April 13 - **22nd Annual Kathleen M. Osborn Memorial Lecture**
Harold R. Behrman, Ph.D.
Department of Obstetrics and Gynecology
Yale University
*New Perspectives on the Nature, Origin and Mechanisms of Ovarian Luteolysins*

April 20 - Marry Hunzicker-Dunn, Ph.D.
Department of Cell, Molecular, and Structural Biology
Northwestern University
*Signal Transduction in Ovarian Cells*

April 27 - Dianne Tucker, Ph.D.
Department of Psychology
University of Alabama
*Neurohumoral Controls of Cardiac Development*
April 29 - Steve Morris, Ph.D.
Division of Molecular Biology and Biochemistry
University of Missouri-Kansas City
*Simultaneous Calcium and pH Kinetics in Living Cells*

April 29 - Peter Smith, Ph.D.
Molecular & Integrative Physiology
KUMC
*Developmental Determinants of Autonomic Innervation*

May

May 8 - Philip L. Smith, Ph.D.
Smith, Kline and French Laboratories
Philadelphia, Pennsylvania
*Effects of Endothelin on Intestinal Transport*

May 11 - Jennifer Dorrington, Ph.D.
Department of Obstetrics/Gynecology
University of Toronto
*Growth Factors as Key "Differentiation Decision Makers" in the Ovary*

May 18 - Roger Fedde, Ph.D.
Department of Anatomy & Physiology
Kansas State University
*Blood Viscosity Homeostasis: Advantages During Exercise in Horses*

June

June 1 - Randy Nudo, Ph.D.
Department of Neurobiology and Anatomy
University of Texas, Houston
*Functional Remodeling of Motor Cortex in Adult Mammals*

June 5 - **Ph.D. Dissertation Defense**
Joanne R. Mathiasen
Molecular & Integrative Physiology
KUMC
*Dopaminergic and Serotonergic Control of Prolactin Surges in the Pregnant Rat*

June 12 - Edathil Vijayan, Ph.D.
Professor and Chairman
School of Life Sciences
Hyderabad Center University
Hyderabad, India
and Visiting Professor
Role of Neurotensin in Pituitary Hormone Secretion and its Clinical Significance