Seminar Series: Spring 1988

January

January 4 - Elizabeth Rowe, Ph.D.
Molecular Mechanisms of Alcohol Laboratory
Veterans Administration Medical Center
Kansas City, Missouri
Alcohol Effects on Model Membranes

January 11 - Elaine Merisko, Ph.D.
Department of Anatomy
KUMC
Intracellular Membrane Systems: Cell Biology of Clathrin Trimers and the AI-Membrane System

January 25 - Yvette Huete
Graduate Student
Molecular & Integrative Physiology
KUMC
Estrogen Action in Implantation

February

February 1 - Bill Dentler, Ph.D.
Department of Physiology and Cell Biology
University of Kansas
Lawrence, KS
How Cilia Grow

February 8 – Michael J. Soares, Ph.D.
Molecular & Integrative Physiology
KUMC
Extra Embryonic Stem Cells

February 15 – Katherine F. Roby
Department of Anatomy
KUMC
Inhibition of Endothelial Cell Growth In Vitro - Ovarian Interactions

February 22 - Ron Mac Gregor, Ph.D.
Department of Anatomy
KUMC
The Effects of Chronic Hypocalcemia on Secretory Function in the Parathyroid
February 29 - Dr. Hampton Shirer
Department of Physiology and Cell Biology
University of Kansas
Lawrence, KS
*Control of Breathing - Searching for the Signals*

March

**March 7** – Peter Bie, M.D., Ph.D.
Department of Physiology
University of Copenhagen
*Hemodynamic and Endocrine Responses to a Decrease in Central Blood Volume in Normal Man*

**March 11** – John P. Pooler, Ph.D.
Department of Physiology
Emory University
*What Phototoxins Do to Erythrocytes and How They Do It*

**March 14** - Lawrence P. Sullivan, Ph.D.
Molecular & Integrative Physiology
KUMC
*Dynamic Measurements of Cell pH in Isolated Renal Tubules*

**March 21** – Virginia Cassmeyer, R.N., M.S.N.
Molecular & Integrative Physiology
KUMC
*Reproductive Functions in the Diabetic Hamster*

**March 28** - John Brannian
Molecular & Integrative Physiology
KUMC
*Factors Regulating Ovarian Prostaglandin Production*

April

**April 4** - Sue Rummel
Graduate Student
Molecular & Integrative Physiology
KUMC
*The Effects of Denervation on Aging Skeletal Muscle*

**April 11** - Roger Reidelberger, Ph.D.
Research Physiologist
Veterans Administration Medical Center
Kansas City, Missouri
*Role of Cholecystokinin in Satiety*
April 18 - Gerald F. DiBona, M.D.  
Professor and Vice-Chairman  
and Ulla C. Kopp, Ph.D.  
Adjunct Assistant Professor  
Department of Medicine  
University of Iowa  
The Renal Nerve:  
*Reno-Renal Reflexes in Norm I tension and Hypertension*  
and  
*Renal-Neural Mechanisms in Volume Regulation*

April 25 - Jerome F. Strauss, III, M.D., Ph.D.  
Department of Obstetrics & Gynecology  
University of Pennsylvania Medical Center  
Philadelphia, PA  
*Recent Studies on the Differentiation and Function of the Human Trophoblast*

May

May 2 - **18th Annual Kathleen M. Osborn Memorial Lecture**  
Larry Ewing, Ph.D.  
Department of Population Dynamics  
Johns Hopkins University  
*Regulation of Androgen Production by the Mammalian Testis*

May 9 - Andrew Irons  
Graduate Student  
Molecular & Integrative Physiology  
KUMC  
*Single Unit Directional and Level Selectivity in the Auditory Thalamus of the Cat*

May 16 - Gail Widener  
Graduate Student  
Molecular & Integrative Physiology  
KUMC  
*Effects on Muscle Activity Elicited From Primary Somatosensory Cortex in Primates*

May 23 - Robert D. Koos, Ph.D.  
Department of Physiology  
University of Maryland  
*The Role of Granulosa Cells in Ovarian Angiogenesis*