Seminar Series: Fall 1979

September

September 10 – Dr. Caroline S. Pace
Diabetes Research and Training Center
University of Alabama in Birmingham
*The Role of the Plasma Membrane in Stimulus-secretion Coupling in Pancreatic Islet Cells*

September 17 – Dr. Ronald A. Janis
The Medical School
Northwestern University
*Cyclic Nucleotides and Phosphoproteins in the Regulation of Smooth Muscle Tone*

September 24 – Dr. Lawrence P. Sullivan
Molecular & Integrative Physiology
KUMC
*Studies of Renal Potassium Transport*

October

October 2 – Dr. Federick Sachs
Department of Pharmacology
State University of New York at Buffalo
*Properties of Single Ionic Channels in Tissue Cultured Muscle Cells*

October 8 – Dr. Timothy Rink
Physiology Department
Cambridge University
*Autonomic Nerve Control of Cardiac Output*

October 15 – Dr. Paul F. Terranova
Molecular & Integrative Physiology
KUMC
*Delayed Ovulation*

October 22 – Dr. Hugo L. Fernandez
Molecular & Integrative Physiology
KUMC
and Director
Neuroscience Research
VA Hospital
*Nerve-Target Cell Interactions: Regulation of Acetylcholinesterase Molecular Forms in Skeletal Muscle*
October 29 - Dr. Michael D. Bailie
Chairman
Pediatric Department
KUMC
*The Renin-Angiotensin System in the Newborn*

November

**November 5** – Dr. Alan M. Thompson
Molecular & Integrative Physiology
KUMC
*A New Method of Quantifying Regional Brain Permeability by Autoradiography*

**November 12** – Dr. Charles Abzug
Department of Physiology
University of Maryland
School of Medicine
*Detection of Neuronal Membrane Conductance Changes in the Hippo-Campal Formation Using Extracellular Recording Techniques*

**November 19** – Dr. Thomas J. Imig
Department of Neurophysiology
University of Wisconsin Medical School
*Cortico-Cortical Connections Related to Physiological Maps in Cat Auditory Cortex*

**November 26** – Dr. Norberto C. Gonzalez
Molecular & Integrative Physiology
KUMC
*pH Regulation in Cardiac Cells*

December

**December 3** - Dr. C. Merrill Tarr
Molecular & Integrative Physiology
KUMC
*Sarcomere Dynamics in Isolated Single Cardiac Cells*

**December 10** – Dr. Gilbert Greenwald
Molecular & Integrative Physiology
KUMC
*Superovulation Induced by Anti-LH Serum*

**December 17** - Dr. Larry Welling
Pathology Department
KUMC and Research Service
Evidence for Two Systems of Transport Channels in Cortical Collecting Tubules