Seminar Series: Fall 1987

August

August 27 - Richard Murphy, Ph.D.
Department of Biochemistry
University of Belfast
Belfast, Northern Ireland, UK
Progress with Gastrointestinal Neuropeptides: Insights from Synthetic Chemistry

September

September 2 – Ian M. Glynn M.D., Ph.D.
Professor of Physiology, Cambridge University
How the Sodium Pump Pumps

September 14 - John M. Hamlym, Ph.D.
Department of Physiology
University of Maryland
Baltimore, Maryland
Endogenous Digitalis: Some Implications in Volume Regulation and Hypertension

September 21 - Larry W. Welling, M.D., Ph.D.
Department of Pathology and Physiology
KUMC
Veterans Administration Medical Center
Kansas City, MO
Optical Measuring Techniques

September 28 - Donald C. Johnson, Ph.D.
Molecular & Integrative Physiology
KUMC
Control of Estrogen Synthesis

October

October 9 – Ove Lundgren, Ph.D.
Department of Physiology
University of Goteborg
Sweden
Intestinal Fluid Transport: Physiology and Pathophysiology

October 12 - Don R. Justesen, Ph.D.
Neuropsychology Research Laboratory
Veterans Administration Medical Center
Kansas City, Missouri

*New Perspectives on Cell Biology, Magnetic Fields and the Cell Membrane*

**October 17 - **Reproductive Workshop**
Paul Terranova  
Molecular & Integrative Physiology  
KUMC  
*ROLE OF BIOGENIC AMINES IN FOLLICULAR DEVELOPMENT AND LUTEAL FUNCTION*

Susan Silavin  
Department of Obstetrics & Gynecology  
University of Oklahoma  
*PARACRINE CONTROL OF PRIMATE OVARIAN STEROIDOGENESIS*

Edward Grotjan  
Department of Physiology & Pharmacology  
University of South Dakota  
*ROLE OF SUGARS IN GLYCOPROTEIN HORMONE ACTION*

S.K. Dey  
Departments of Obstetrics & Gynecology and Molecular & Integrative Physiology  
KUMC  
*EGF AND EARLY PREGNACY IN THE RODENT*

**October 22 -** Norbert Heisler, M.D.  
Department of Physiology  
Max Planck Institute for Experimental Medicine  
Göttingen, West Germany  
*Lactic Acid Efflux From Skeletal Muscle*

**October 26 –** Cynthia Nyquist-Battie, Ph.D.  
School of Basic Life Sciences  
University of Missouri- Kansas City  
*The Expression of Acetylcholinesterases in the Rat Heart*

November

**November 2 -** Paul F. Terranova, Ph.D.  
Molecular & Integrative Physiology  
KUMC  
*The Role of Mast Cells in Ovarian Follicular Function*

**November 9 -** Joseph A. Fix, Ph.D.  
Interex Company  
Lawrence, Kansas  
*Absorption and Enhancing Agents for the G.I. Tract*
November 23 - Ian Reid, Ph.D.
department of Physiology
University of California
San Francisco, CA
*Interaction Between Vasopressin and Renin*

November 30 - Merrill Tarr, Ph.D.
Molecular & Integrative Physiology
KUMC
*Regulation of Contraction in Frog Atrial Cells by the Inward Calcium Current and the Sodium-Calcium Exchanger*

December

December 7 - Jon Levine, Ph.D.
Department of Neurobiology and Physiology
NORTHwestern uNiversity
Evanston, Illinois
*Luteinizing Hormone Releasing Hormone: Synthesis, Release, and Gonadal Feedback Regulation*

December 16 - Edward G. Lakatta, M.D.
Chief, Laboratory of Cardiovascular Science National Institute on Aging
Gerontology Research Center
*How a Rebellion of Myocytes Can Result in a Failing Heart*