Seminar Series: Fall 2002

July

July 19 - Kazuyoshi Taya, D.V.M., Ph.D.
Department of Veterinary Medicine
Tokyo University of Agriculture & Technology
*The Fetal Gonads as a Major Endocrine Organ in the Equine Fetus During the Second Half of Gestation*

September

September 5 – **M.S. Dissertation Defense**
Naoko Brown
Molecular & Integrative Physiology
KUMC
*Aspects of Blastocyst Implantation: Role of Neuregulins and Telomeres*

September 9 - Mark J. Van Gorp, Ph.D.
Academic Technology
KUMC
*Identifying and Illustrating JUMC Technology Resources for Teaching and Learning*

September 16 - Kathy Mitchell, Ph.D.
Anatomy and Physiology
Kansas State University
*Umbilical Cord Matrix, a Novel Source of Multipotent Stem Cells*

September 23 - Natalia Kedishvili, Ph.D.
Molecular Biology and Biochemistry
School of Biological Sciences
University of Missouri-Kansas City
*Human Enzymes Involved in Homeostasis of Retinoic Acid*

September 27 - Donald J. Tindall, Ph.D.
Professor and Director
Departments of Urology & Biochemistry and Molecular Biology
Mayo Medical School
*The Roles of Androgen Receptor and PI3K/Akt in Survival of Androgen-Refractory Prostate Cancer Cells*

September 30 - Li Meng, Ph.D.
Department of Obstetrics & Gynecology
Nuclear-Cytoplasm Interactions During Mouse Oocyte Meiotic Maturation, Fertilization and Preimplantation Development: Metaphase I Spindle vs. Germical Vesicle (GV) Transfer

October

October 7 - Kottarappat Dileepan, Ph.D.
Internal Medicine, Division of Allergy
Clinical Immunology and Rheumatology
KUMC
Synergy Between Mast Cell Mediators and Bacterial Pathogens in Endothelial Cell Activation: Implications of Infection in Vascular Disease

October 9 – Deok-Soo Son, Ph.D.
Molecular & Integrative Physiology
KUMC
A New Paradigm of Dioxin Toxicity

October 14 - Douglas Crawford, Ph.D.
Molecular Biology and Biochemistry
School of Biological Science
University of Missouri - Kansas City
Molecular Adaptation: Nucleotides to Cardiac Function

October 21 – Brian Petroff, D.V.M., Ph. D.
Molecular & Integrative Physiology
KUMC
Interactions Between the Female Endocrine System and the Aryl Hydrocarbon Receptor Pathway

October 28 - Andrea Cupp, Ph.D.
Animal Science
University of Nebraska-Lincoln
Role of Angiogenic Growth Factors in Testis Morphogenesis

November

November 5 - Victoria Corbin, Ph.D.
Molecular Biosciences
University of Kansas
Cell Communication in Fly Muscle Development

November 11 - Mehmet Bilgen, Ph.D.
Radiology
University of Texas at Houston Medical Center
*Magnetic Resonance Imaging: Beyond Anatomical Visualization*

**November 18** - **32nd Annual Osborn Lecture**
John Kopchick, Ph.D.
Department of Biomedical Sciences
Ohio University
*Growth Hormone, Growth Hormone Antagonists, and Growth Hormone Receptor "Knock Outs:" from Mice to Men (and women)*

**November 25** - David Poole, Ph.D.
Anatomy & Physiology
College of Veterinary Medicine
Kansas State University
*Dynamics of Muscle Oxygen Exchange in Health and Disease*

December

**December 2** - Sangita Biswas, Ph.D.
Molecular & Integrative Physiology
KUMC
*Experimental Therapeutics in Globoid Cell Leukodystrophy*

**December 4** - Gaurav Chaturvedi, Ph.D.
Research Associate
Department of Molecular & Integrative Physiology
*The Role of Src Tyrosine Kinase in Ovarian Steroidogenesis*

**December 9** - Jin-Hui Wang, Ph.D.
Molecular Biosciences
University of Kansas
*The Behavior of Cortical Synapses in Transmitting Sequential Neural Signals*

**December 16** - Chris Ross, Ph.D.
Anatomy and Physiology
College of Veterinary Medicine
Kansas State University
*PR-39, an Anti-Inflammatory Peptide*

**December 18** - Shalmica Williams
Graduate Student
Molecular & Integrative Physiology
KUMC
*The Effects of TCDD on Ovarian Cancer Progression*