

Course Director  
Suzanne N. Haber, Ph.D.

**DEPARTMENT OF PHARMACOLOGY AND PHYSIOLOGY AND  
CELLULAR AND MOLECULAR BASIS OF MEDICINE  
CLUSTER SEMINAR SERIES**

**Spring 2006**

- February 6      **William T. Clusin, M.D., Ph.D.**, Medical Director, Electrophysiology Laboratory, Associate Professor of Medicine, Stanford University School of Medicine, Stanford, CA  
*“Calcium Transient Alternans and the Genesis of Lethal Arrhythmias During Cardiac Ischemia.”*  
Guest of Dr. Shey-Shing Sheu, Ext. 5-3381
- March 6      **Nancy L. Kanagy, Ph.D.**, Associate Professor, Department of Cell Biology and Physiology, University of New Mexico School of Medicine, Albuquerque, NM  
*“Molecular Mechanisms of Augmented Endothelin-mediated Vasoconstriction Following Chronic Exposure to Intermittent Hypoxia”*  
Guest of Dr. Martha L. Blair, Ext. 5-6655
- March 13      **Eileen M. Redmond, Ph.D.**  
Associate Professor, Department of Surgery, University of Rochester Medical Center, Rochester, NY  
*“Mechanisms of the Cardioprotective Effect of Alcohol”*  
Guest of Dr. Shey-Shing Sheu, Ext. 5-3381
- March 27      **Khaled Machaca, Ph.D.**  
Department of Physiology and Biophysics, University of Arkansas for Medical Sciences, Little Rock, AR  
*“Differentiation of Ca<sup>2+</sup> Signaling Pathways in Preparation for Fertilization”*  
Guest of Dr. Trevor J. Shuttleworth, Ext. 5-2076
- April 10      **David Chan, M.D., Ph.D.**, Division of Biology, California Institute of Technology, Pasadena, CA  
*“Mitochondrial Dynamics in Mammals”*  
Guest of Dr. Yisang Yoon, Ext. 5-3856
- April 17      **Tamás Balla, M.D., Ph.D.**, Head, Section on Molecular Signal Transduction, Endocrinology and Reproduction Research Branch, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD  
*“Exploring the Complexity of Inositide-based Signaling with Novel Molecular Tools”*  
Guest of Dr. Patricia M. Hinkle, Ext. 5-4933
- April 20      **Leif Olson, Ph.D.**, Eastman Kodak Research Laboratories  
*“OH, NO, ONOONO!!  
(and other molecules)”*  
*Mitochondrial Research & Innovation Group Seminar Series (Sponsored by Department of Pharmacology and Physiology, Department of Anesthesiology, Mitochondrial Research & Innovation Group/URMC, Ext. 3-1190)*

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- April 24                    **Baogen Wu, Ph.D.**, Principal Investigator, Genomics Institute of Novartis Research Foundation  
*“Discovery of novel-nucleoside reverse transcriptase inhibitors to treat HIV infection”*  
*Mitochondrial Research & Innovation Group Seminar Series (Sponsored by Department of Pharmacology and Physiology, Department of Anesthesiology, Mitochondrial Research & Innovation Group/URMC, Ext. 3-1190)*
- April 24                    **José Jalife, Ph.D.**, Professor and Chair, Institute for Cardiovascular Research, and Department of Pharmacology, SUNY Upstate Medical University, Syracuse, NY  
*“How Ryanodine Receptor Mutations May Lead to Arrhythmias and Sudden Death (a work in progress)”*  
*Guest of Dr. Shey-Shing Sheu, Ext. 5-3381*
- May 1                        **Grant G. Kelley, M.D.**, Associate Professor of Medicine and Pharmacology, Section of Endocrinology, SUNY Upstate Medical University, Syracuse, NY  
*“Regulation and Role of Phospholipase Cepsilon, a Novel Ras/G12- regulated PLC.”*  
*Guest of Dr. Alan V. Smrcka, Ext. 5-0892*
- May 15                     **Dona M. Chikaraishi, Ph.D.**, Professor of Neurobiology, Duke University Medical Center, Durham, NC  
*“Effect of Norepinephrine and Hypoxia on the Fetal Heart”*  
*Guest of Dr. A. William Tank, Ext. 5-1682*