

Course Directors:
Dr. Shey-Shing Sheu
Dr. Suzanne N. Haber

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

Fall 2005

- September 7 **Jiang Zheng, Ph.D.**, Assistant Professor of Medicinal Chemistry and Toxicology, Department of Pharmaceutical Services, Northeastern University
“Targeting glutathione S-transferase: A strategy to combat chemotherapy resistance”
(Mitochondrial Research Interest Group Seminar Series-Sponsored by Department of Pharmacology and Physiology, Department of Anesthesiology, Mitochondrial Research Interest Group/URMC, x3-1190)
- September 12 **JoAnn Trejo, Ph.D.**, Associate Professor of Pharmacology, University of North Carolina at Chapel Hill, Chapel Hill, NC
“Protease-activated Receptor Signaling in Endothelial Cells and Breast Cancer”
Guest of Dr. Patricia M. Hinkle, x5-4933
- September 19 **Mei-Jie Jou, Ph.D.**, Department of Pharmacology and Physiology, College of Medicine, Chang Gung University, Taipei, TAIWAN
“Mitochondrial ROS Formation and its Patho-physiological Implication”
Guest of Dr. Shey-Shing Sheu, x5-3381
- September 26 **Chen Yan, Ph.D.**, Assistant Professor, Cardiovascular Research Institute, University of Rochester Medical Center, Rochester, NY
“Cyclic Nucleotide Phosphodiesterase and Cardiovascular Disease”
Guest of Dr. Shey-Shing Sheu, x5-3381
- October 3 **Hazel H. Szeto, M.D., Ph.D.**, Professor of Pharmacology, Weill Medical College of Cornell University, New York, NY
“Therapeutic Prevention of Mitochondrial Cell Death”
Guest of Dr. Shey-Shing Sheu, x5-3381 and Dr. Paul S. Brookes, Department of Anesthesiology, x3-1626
- October 6 **Paul J. Kammermeier, Ph.D.**, Assistant Professor of Pharmacology and Physiology, Northeastern Ohio Universities College of Medicine, Rootstown, Ohio
“Regulation of Metabotropic Glutamate Receptor Signaling by Homer Proteins”
Department of Pharmacology and Physiology Faculty Candidate Search, x5-1681
- October 10 **Catherine H. Berlot, Ph.D.**, Staff Scientist, Weis Center for Research, Geisinger Clinic, Danville, PA
“Visualization of G Protein Targeting and Signaling Using GFP Fusions and Bimolecular Fluorescence Complementation”
Guest of Dr. Alan V. Smrcka, x-5-0892
- October 13 **Jonathan V. Rocheleau, Ph.D.**, Research Instructor, Department of Molecular Physiology and Biophysics, Vanderbilt University, Nashville, Tennessee
“Critical Role of Coupled K_{ATP} Channel Activity for Regulated Insulin Secretion”
Department of Pharmacology and Physiology Faculty Candidate Search, x5-1681

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- October 17 **George G. Holz, Ph.D.**, Associate Professor of Physiology and Neuroscience, New York University School of Medicine, New York, NY
“Gila Monster Peptides, Gut Hormones, And The Treatment Of Diabetes Mellitus”
Guest of Dr. David I. Yule, x3-2154
- October 20 **Varda Shoshan-Barmatz, Ph.D.**, Professor and Chair, Department of Life Sciences and Zlotowski Center for Neuroscience, Ben-Gurion University of the Negev, Beer-Sheva, ISRAEL
“The Voltage-Dependent Anion Channel Down-and-Over-Expression Controls Life and Death of the Cell”
(Mitochondrial Research Interest Group Seminar Series-Sponsored by Department of Pharmacology and Physiology, Department of Anesthesiology, Mitochondrial Research Interest Group/URMC, x3-1190)
- October 24 **Mark O. Bevensee, Ph.D.**, Assistant Professor of Physiology and Biophysics, University of Alabama at Birmingham, AL
“Cellular and Molecular Physiology of Na/Bicarbonate Cotransporters (NBCs) in Brain”
Guest of Dr. David I. Yule, x3-2154 and Dr. Srisaila Basavappa, x-3-2538
- November 7 **Elizabeth Murphy, Ph.D.**, Senior Scientist, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC
“The Role of Mitochondria in Cardioprotection”
Guest of Dr. Shey-Shing Sheu, x5-3381