

# Physiology Seminar Series

## Fall 2007

The University of Texas Health Science Center at San Antonio  
 Graduate School of Biomedical Sciences, Department of Physiology

| Date  | Day | Speaker   | Title  |
|-------|-----|---|--|
| 8/20  | Mon | <b>Jose Moron-Concepcion, Ph.D.</b><br>Assistant Professor<br>Department of Pharmacology and Toxicology<br>UTMB   | "Morphine administration alters the profile of hippocampal postsynaptic proteins: a proteomics study"      |
| 8/27  | Mon | <b>Edwards Park, Ph.D.</b><br>Professor<br>Department of Pharmacology<br>University of Tennessee Health Science Center  | "Regulation of hepatic gene expression by the coactivator PGC-1"   |
| 9/10  | Mon | <b>Luke Szweda, Ph.D.</b><br>Associate Member<br>Free Radical Biology and Aging<br>Research<br>Oklahoma Medical Research Foundation   | "Modulation of Mitochondrial Function by Pro-Oxidants: Cardiac Ischemia, Reperfusion, and Aging."          |
| 9/17  | Mon | <b>Charles Wade, Ph.D.</b><br>Senior Scientist<br>USAISR<br>Ft. Sam Houston   | "Glucose Metabolism in Disuse and Injury"  |
| 9/24  | Mon | <b>Kenton Swartz, Ph.D.</b><br>Senior Investigator<br>NINDS   | "Structural basis of voltage sensing in potassium channels"  |
| 10/1  | Mon | <b>Chris McBain, Ph.D.</b><br>Senior Investigator, Neuroscience<br>National Institute of Health   | "mGluR7 provides a novel form of bidirectional plasticity at hippocampal mossy fiber-interneuron synapses" |
| 10/8  | Mon | <b>Tamas Balla M.D., Ph.D.</b><br>Endocrinology and Reproduction Research Branch<br>NICHD   | "New approaches to study the role of phosphoinositides in cellular signaling"                              |
| 10/15 | Mon | <b>Paul Schmidt, Ph.D.</b><br>Assistant Professor of Biology<br>University of Pennsylvania  | "Couch Potato Life Histories in Drosophila"  |
| 10/22 | Mon | <b>Miriam Goodman, Ph.D.</b><br>Assistant Professor<br>Neuroscience Institute at Stanford<br>Stanford University  | "Deconstructing Sensory Transduction in C. elegans"  |
| 10/29 | Mon | <b>David Nicholls, Ph.D., FRSE</b><br>Professor and Director of the Morphology Core<br>Buck Institute for Age Research  | "Mitochondria and Neurodegeneration: ATP supply, Calcium and Reactive Oxygen"                              |
| 11/5  | Mon | <b>Scott Trappe, Ph.D.</b><br>Professor of Exercise Science<br>Ball State University  | "Exercising in Space"  |
| 11/12 | Mon | <b>Chris Lingle, Ph.D.</b><br>Professor<br>Department of Anesthesiology, Department of Anatomy<br>and Neurobiology<br>Washington University in St. Louis                          | "Molecular Mechanisms and Physiological Implications of BK Channel Inactivation"                           |
| 11/26 | Mon | <b>Maria-Clara Ortiz Ruiz, M.D., Ph.D.</b><br>Research Professor<br>Department of Physiology<br>University of Murcia Medical School   | "Nitric Oxide and Oxidative Stress in Cirrhosis Induced Renal Dysfunction"                                 |
| 12/3  | Mon | <b>Thomas Park, Ph.D.</b><br>Associate Professor<br>Department of Biological Sciences<br>University of Illinois at Chicago  | "Blind, Naked, and Feeling No Pain: Inflammatory Pain Insensitivity in African Naked Mole-Rats"            |
| 12/10 | Mon | <b>Daniel Minor, Ph.D.</b><br>Assistant Professor, Departments of Biochemistry and<br>Biophysics, & Cellular and Molecular Pharmacology<br>University of California San Francisco | "Structural insight into ion channel function and regulation."   |
| 12/17 | Mon | <b>David Mendelowitz, Ph.D.</b><br>Professor<br>Department of Physiology and Pharmacology<br>George Washington University Medical Center  | "Cardiorespiratory interactions in the brainstem and the effects of prenatal nicotine exposure"            |