



## Molecular and Cellular Biology

SEMINAR SERIES  
2007-2008

School of  
Graduate Studies  
SUNY Downstate  
Medical Center  
450 Clarkson Avenue  
Brooklyn, NY 11203-2098

Seminars will begin  
at 12 noon in  
Lecture Hall 1A or 1B  
Health Science  
Education Building

For more information  
regarding the seminars call:

718.270.2740

# SUNY DOWNSTATE Medical Center

- Sept 19 Neurosteroid Effects at  $\alpha$ 4- $\beta$ 2- $\delta$  GABA-A Receptors Depend on the Direction of Chloride Flux**  
**SHERYL SMITH, Ph.D.**  
Professor, Department of Physiology and Pharmacology  
SUNY Downstate Medical Center
- Oct 3 Role of Hematopoietic Cytokines and SDF-1/CXCR4 Axis in Neoangiogenesis**  
**DAVID K. JIN, M.D./Ph.D.**  
Head, Laboratory of Translational Research, Lehman Brothers Lung Cancer Center, Department of Cardiothoracic Surgery, NY-Presbyterian Hospital, Weill Medical College of Cornell University  
Alumnus, SUNY Downstate Medical Center, 2000
- Oct 17 Directed Differentiation of Human ES Cells to Pancreatic Endocrine Cells via Endoderm Intermediates**  
**E. EDWARD BAETGE, Ph.D.**  
Chief Scientific Officer, Novocell, Inc., San Diego
- Oct 31 A Small Virus with a Big Heart: AAV Mediated Therapeutic Gene Delivery for Cardiac and Muscle Diseases**  
**XIAO XIAO, Ph.D.**  
Fred Eshelman Distinguished Professor of Gene Therapy, Division of Molecular Pharmaceutics  
University of North Carolina, Chapel Hill
- Nov 14 Protein Kinase Quality Control**  
**AVROM CAPLAN, Ph.D.**  
Associate Professor, Department of Pharmacology and Systems Therapeutics  
Mount Sinai School of Medicine
- Dec 12 Tissue Engineering for CNS Repair**  
**MICHAEL YOUNG, Ph.D.**  
Associate Scientist  
Schepens Eye Research Institute, Harvard Medical School
- Jan 23 Cell Cycle Regulation in Mature Neurons: Through the Looking Glass**  
**KARL HERRUP, Ph.D.**  
Professor and Chair, Cell Biology and Neuroscience  
Rutgers University
- Feb 6 The Role of p27 in *H. pylori*-Induced Gastric Cancer**  
**STEVEN MOSS, M.D.**  
Associate Professor of Medicine  
GI and Liver Research Center, Rhode Island Hospital  
Brown Medical School
- Feb 20 Cell Death Pathways Active in Glaucomatous Neurodegeneration**  
**RICHARD LIBBY, Ph.D.**  
Assistant Professor  
University of Rochester Eye Institute  
University of Rochester Medical Center
- March 5 Regulation of Organ Dimensions: Establishing Heart Size and Shape**  
**DEBORAH YELON, Ph.D.**  
Associate Professor, Developmental Genetics Program  
Skirball Institute of Biomolecular Medicine  
NYU School of Medicine
- March 19 The Complexities of Transcriptional Regulation During Retinal Differentiation**  
**RUBEN ADLER, M.D.**  
Arnall Patz Distinguished Professor of Ophthalmology  
Professor of Neuroscience  
The Johns Hopkins University School of Medicine
- April 16 Insight into T Lymphocyte Physiology through the Characterization of Novel Signaling Proteins**  
**KONSTANTINA ALEXANDROPOULOS, Ph.D.**  
Assistant Professor of Pharmacology  
Columbia University College of Physicians and Surgeons
- April 30 Cancer Cell Addiction to Integrin Signaling**  
**Filippo Giancotti, Ph.D.**  
Lab Head, Department of Cell Biology  
Memorial Sloan Kettering Cancer Institute
- May 14 Thinking Outside the Nucleus: A Cytoplasmic Role for the Transcription Factor Tbx5 in Heart Development**  
**Hans-Georg Simon, Ph.D.**  
Assistant Professor, Department of Pediatrics  
Children's Memorial Research Center  
Northwestern University