



# Molecular and Cellular Biology

SEMINAR SERIES  
2001-2002

School of  
Graduate Studies  
SUNY Downstate  
Medical Center

Seminars will begin  
at 4:00 pm in  
Lecture Hall 1A or 1B.

Health Science  
Education Building  
SUNY Downstate  
Medical Center

450 Clarkson Avenue  
Brooklyn, NY 11203-2098

For more information call:

Maureen McLeod  
718.270.3321

# SUNY DOWNSTATE Medical Center

- October 31**     **The Smt3p/SUMO-1 Pathway Impacts Genomic Stability and Centromere Function in Budding Yeast**  
**PAMELA B. MELUH, PHD**  
Assistant Member, Program in Molecular Biology, Memorial Sloan-Kettering Cancer Center, New York, NY
- November 28**     **Developmental Transcription Factors that Regulate Alpha-Fetoprotein**  
**JOSEPH LOCKER, MD, PHD**  
Professor, Department of Pathology, Albert Einstein College of Medicine, Bronx, NY
- January 9**     **Notch Signaling in Lymphoid Development and Leukemia**  
**WARREN S. PEAR, MD, PHD**  
Assistant Professor, Department of Pathology and Institute for Medicine and Engineering, University of Pennsylvania, Philadelphia, PA
- January 23**     **Genomic Plasticity and the Pathogenesis of Staphylococcal Disease**  
**RICHARD P. NOVICK, MD**  
Professor, Departments of Microbiology and Medicine, Skirball Institute of Biomolecular Medicine, New York University Medical Center, New York, NY
- February 6**     **Interplay Between Non-Homologous End Joining and Cell Cycle Checkpoint Pathways in Normal Development and Tumor Suppression**  
**FREDERICK W. ALT, PHD**  
Charles A. Janeway Professor of Pediatrics and Genetics, Harvard Medical School, and Investigator, Howard Hughes Medical Institute, The Children's Hospital, Boston, MA
- March 20**     **Property-Based Design: Optimization of Absorption and Pharmacokinetics for Drug Candidates**  
**ALEXANDER KISELYOV, PHD**  
Assistant Vice President, Research, ImClone Systems, Inc., New York, NY
- April 3**     **A Novel Mechanism for Activation of Heat Shock Factor-1 in Response to Stress**  
**DAVID GERSHON, PHD**  
Professor and Skillman Chair in Biomedical Sciences, Technion-Israel Inst. of Technology, Haifa, Israel, and Sr. Vice President and Chief Scientific Officer, Redox Pharmaceutical Corp., Greenvale, NY
- April 17**     **Functions of the Cip/Kip Cyclin Kinase Inhibitors in the Normal and Injured Liver**  
**ANGELA L. TYNER, PHD**  
Associate Professor, Department of Molecular Genetics, University of Illinois College of Medicine, Chicago, IL
- May 1**     **Regulation of Transcription by RNA Polymerase II: Exploiting the Genetic and Biochemical Toolbox of Yeast**  
**KAREN M. ARNDT, PHD**  
Associate Professor of Biological Sciences, University of Pittsburgh, Pittsburgh, PA
- May 15**     **Regulated Gene Expression in Chromatin and Synthetic Nuclei**  
**MICHELLE C. BARTON, PHD**  
Associate Professor, Department of Biochemistry and Molecular Biology, University of Texas, MD Anderson Cancer Center, Houston, TX