



Molecular and Cellular Biology

SEMINAR SERIES
2003-2004

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

Seminars will begin
at 4:00 pm in
Lecture Hall 1A or 1B
Health Science
Education Building

For more information
regarding the seminars call:
718.270.2740

SUNY DOWNSTATE Medical Center

- October 8** **Phosphatidylinositol Transfer Proteins: A Novel and Ubiquitous Class of Signaling Molecules**
VYTAS A. BANKAITIS, PhD
Professor and Chair, Department of Cell and Developmental Biology,
University of North Carolina School of Medicine, Chapel Hill, NC
- October 22** **X-ray Ribosome Structure, tRNA and mRNA Binding Sites**
MARAT YUSUPOV, PhD
Directeur de Recherche du CNRS, Institut de Génétique et de Biologie Moléculaire et Cellulaire,
Strasbourg, France
- November 5** **What Programmed +1 Frameshifting Suggests about the Mechanism of Reading Frame Maintenance by the Ribosome**
PHILIP J. FARABAUGH, PhD
Professor, Department of Biological Sciences,
University of Maryland, Baltimore County, Baltimore, MD
- November 19** **Jagged and Notch Meets Non-Classical Exocytosis: Abbott & Costello**
THOMAS MACIAG, PhD
Director, Center for Molecular Medicine, Maine Medical Center Research Institute,
Scarborough, ME
- December 3** **Lateral Mobility of Translocons and Differentiation of the Endoplasmic Reticulum**
GERT KREIBICH, PhD
Professor, Department of Cell Biology, New York University School of Medicine,
New York, NY
- December 17** **Phosphatidylinositols Do It All: The Role of Phospholipase C in Chromosome Segregation and Transcriptional Regulation**
ALES VANCURA, PhD
Associate Professor, Department of Biological Sciences,
St. John's University, Jamaica, NY
- January 21** **Regulatory Mechanisms in the Diversification of Innate and Adaptive Immune Responses**
STEPHEN DESIDERIO, MD, PhD
Professor, Department of Molecular Biology and Genetics,
Johns Hopkins University School of Medicine, Baltimore, MD
- February 4** **Identifying and Testing Genes Involved in Cell Motility During Metastasis**
JOHN S. CONDEELIS, PhD
Professor and Co-Chair, Department of Anatomy & Structural Biology,
Albert Einstein College of Medicine, Bronx, NY
- February 18** **Molecular Regulation of Cortical Interneuron Development: Adaptive and Functional Implications**
PAT LEVITT, PhD
Director, John F. Kennedy Center for Research on Human Development,
Vanderbilt University, Nashville, TN
- April 14** **Let's Make Golgi: Protein Cycling and Golgi Apparatus Assembly**
BRIAN STORRIE, PhD
Professor, Department of Physiology and Biophysics,
University of Arkansas for Medical Sciences, Little Rock, AR
- April 28** **Coordination of Genome Expression and DNA Replication in Proliferating Cells: The Multiple Roles of the MCM Proteins**
BIK-KWOON TYE, PhD
Professor, Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY
- May 12** **Molecular Studies of Cardiac Conduction: System Development and Function**
GLENN I. FISHMAN, MD
William Goldring Professor of Medicine, and Director, Leon H. Charney Division of Cardiology,
New York University School of Medicine, New York, NY