

# The ASCB 44th Annual Meeting

December 4-8, 2004  
Washington, DC

Harvey Lodish, *President*  
Sandra Schmid, *Program Chair*  
Norka Ruiz Bravo, *Local Arrangements Chair*

## Keynote Symposium

Saturday, December 4, 6:00 PM

Cell Biology - Rising to Meet the Medical Challenges of the Next Century

Peter Kim, *Merck Research Laboratories*  
Sir Paul Nurse, *The Rockefeller University*

## Symposia

Sunday, December 5

Directed Cell Migration in Development

Susan McConnell, *Stanford University*  
Erez Raz, *Max Planck Institute*  
Pernille Rorth, *European Molecular Biology Laboratory, Heidelberg, Germany*

The Mechanics of Membrane-Bound Machines

Peter Agre, *The Johns Hopkins School of Medicine*  
Jeff Dangl, *University of North Carolina, Chapel Hill*  
Ehud Isacoff, *University of California, Berkeley*

Monday, December 6

Regulation of Cellular Programs

Raymond Deshaies, *California Institute of Technology*  
Richard Kessin, *Columbia University*  
Peter Walter, *University of California, San Francisco*

Small RNAs & Gene Regulation

Robin Allshire, *The Wellcome Trust Centre for Cell Biology, University of Edinburgh*  
Jim Carrington, *Oregon State University*  
Thomas Tuschl, *The Rockefeller University*

Tuesday, December 7

The Cytoskeleton & Spatial Organization in Cells

Joan Brugge, *Harvard Medical School*  
David Drubin, *University of California, Berkeley*  
Joel Rosenbaum, *Yale University*

Modeling of Complex Cellular Behaviors

June Nasrallah, *Cornell University*  
Garrett M. Odell, *University of Washington*  
John Tyson, *Virginia Polytechnic Institute and State University*

Wednesday, December 8

Cell Biology of Aging

Judith Campisi, *Lawrence Berkeley National Laboratory*  
Cynthia Kenyon, *University of California, San Francisco*  
Doug Wallace, *University of California, Irvine*

## Minisymposia

Sunday, December 5, 3:40pm - 5:45pm

Cargo Selection & Vesicle Formation

Bruno Antony, *Institut de Pharmacologie Moléculaire & Cellulaire, Valbonne, France*  
Linton Traub, *University of Pittsburgh School of Medicine*

Cell Biology of the Immune System

Janice Blum, *Indiana University*  
Daniel Davis, *Imperial College London, UK*

Cell Migration & Adhesion

Margaret Frame, *Beatson Institute for Cancer Research, Glasgow, UK*  
Yu-li Wang, *University of Massachusetts Medical School*

Cell Regulation Through Extracellular Proteolysis

Carl Blobel, *Cornell University*  
Marcos Milla, *University of Pennsylvania*

Cytokinesis & Cellularization

Ahna Skop, *University of Wisconsin, Madison*  
William Sullivan, *University of California, Santa Cruz*

ECM Biogenesis & Function

Enid Neptune, *The Johns Hopkins School of Medicine*  
Peter Yurchenco, *LIMDNJ-RW Johnson Medical School*

Prokaryotic Cell Biology

Piet de Boer, *Case Western Reserve University*  
Kit Pogliano, *University of California, San Diego*

Protein Translocation Across Membranes

Arthur Johnson, *Texas A&M University College of Medicine*  
Carla Koehler, *University of California, Los Angeles*

Signaling in Cell Proliferation & Death

Jean Wang, *University of California, San Diego*  
Jeff Wrana, *Samuel Lunenfeld Research Institute, Mt. Sinai Hospital, Toronto*

Monday, December 6, 3:40pm - 5:45pm

Cell Biology of Intracellular Pathogens

Michel Desjardins, *University of Montréal, Canada*  
Julie Theriot, *Stanford University*

Cell Biology of the Neuron

Shelley Halpain, *The Scripps Research Institute*  
Josh Kaplan, *Massachusetts General Hospital*

Cell Regulation Through Extracellular Proteolysis

Carl Blobel, *Memorial Sloan-Kettering Cancer Center*  
Marcos Milla, *University of Pennsylvania*

Diverse Cellular Functions for Ubiquitin & Related Proteins

Erica Johnson, *Thomas Jefferson University*  
Wes Sundquist, *University of Utah*

Intermediate Filaments

Robert Goldman, *Northwestern University*  
Harald Herrmann, *German Cancer Research Center*

Molecular Microscopy in Living Cells

Klaus Hahn, *University of North Carolina, Chapel Hill*  
John Heuser, *Washington University*

The Nuclear Envelope: Structure & Transport Mechanisms

Tom Misteli, *The National Cancer Institute/NIH*  
Katherine Ullman, *University of Utah*

Systems Biology: Theory & Practice

Joseph Ecker, *The Salk Institute for Biological Studies*  
Trey Ideker, *University of California, San Diego*

Tuesday, December 7, 3:40pm - 5:45pm

Asymmetry in Development

Juergen Knoblich, *Institute of Molecular Biotechnology, Vienna, Austria*  
Geraldine Seydoux, *The Johns Hopkins University*

Autophagy & Organelle Turnover

Beth Levine, *University of Texas SW Medical Center*  
Yoshinori Ohsumi, *National Institute for Basic Biology, Okazaki, Japan*

Cell Cycle

Susan Forsburg, *University of Southern California*  
Thomas McGarry, *Northwestern University*

Chemical Biology

Ben Cravatt, *The Scripps Research Institute*  
Barbara Imperiali, *Massachusetts Institute of Technology*

Chromatin Structure & Functional Organization of the Nucleus

Shelley Berger, *The Wistar Institute*  
Jan Ellenberg, *European Molecular Biology Laboratory, Heidelberg, Germany*

Cytoskeletal Dynamics

Arshad Desai, *University of California, San Diego*  
Laura Machesky, *University of Birmingham, UK*

Establishment & Maintenance of Membrane Subdomains

Rob Parton, *University of Queensland, Australia*  
Catherine Rabouille, *UMC Utrecht, The Netherlands*

Signal Transduction Networks

Anton Bennett, *Yale University*  
Margaret Chou, *University of Pennsylvania*

Wednesday, December 8, 3:15pm - 5:20pm\*

Cell Junctions & Polarity

Andre Le Bivic, *Institute of Developmental Biology, Marseilles, France*  
Enrique Rodriguez-Boulant, *Cornell University*

Control of Gene Expression

Ronald Breaker, *Yale University*  
Stephen Buratowski, *Harvard Medical School*

Intraflagellar Transport in Human Health

Martina Brueckner, *Yale University*  
Gregory Pazour, *University of Massachusetts Medical School*

Microtubule-Based Motility

David Burgess, *Boston College*  
Sarah Rice, *Northwestern University*

Secretory Organelles & Regulated Exocytosis

Michael Marks, *University of Pennsylvania*  
Aaron Turkewitz, *University of Chicago*

Signal Transduction in Development

David Greenstein, *Vanderbilt University*  
James Posakony, *University of California, San Diego*

Stem Cells

Alejandro Sánchez Alvarado, *University of Utah*  
Sean Morrison, *University of Michigan*

Thermal & Mechano-Sensation

Monica Driscoll, *Rutgers University*  
Ardem Patapoutian, *The Scripps Research Institute*

\*Please Note New Time

For more information, contact the ASCB at (301) 347 9300  
ascbinfo@ascb.org or www.ascb.org