

# 45th ASCB Annual Meeting Program

December 10-14, 2005 ■ San Francisco

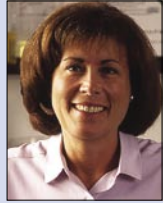
Zena Werb, President ■ Linda Hicke, Program Chair ■ Aaron Straight, Local Arrangements Chair  
Information, Abstract Submission and Registration at [www.ascb.org](http://www.ascb.org)

## Keynote Symposium Big Science, Little Science



Todd McLaughlin/Fred Hutchinson  
Cancer Research Center

*Linda Buck*  
Fred Hutchinson Cancer  
Research Center/HHMI



TIGR

*Clare Fraser*  
The Institute for Genomic  
Research

## Prokaryotic Origins of the Cytoskeleton



*Harold Erickson*  
Duke University  
Medical Center



*Christine  
Jacobs-Wagner*  
Yale University



*Dyche Mullins*  
University of  
California,  
San Francisco

## Adapting to Stress: Spotlight on Organelles



*Tom Rapoport*  
Harvard  
Medical School/  
HHMI



*David Ron*  
New York University  
School of Medicine



*Richard Youle*  
National Institute of  
Neurological Disorders  
& Stroke/NIH

## Quantitative Studies of Cell Signaling Networks



*Marc Kirschner*  
Harvard Medical  
School



*Garry Nolan*  
Stanford  
University



*Peter Sorger*  
Massachusetts  
Institute of  
Technology

## Cell Growth & Division



*Ernst Hafen*  
Universität  
Zürich



*Tim Hunt*  
Cancer Research  
UK



*Yixian Zheng*  
The Carnegie  
Institution of  
Washington/HHMI

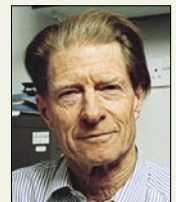
## Reprogramming Cell Fate



*Helen Blau*  
Stanford  
University



*Marcus Grompe*  
Oregon Health &  
Science University



*John Gurdon*  
Wellcome  
Trust/Cancer  
Research

## Host-Pathogen Interactions



*Pascale Cossart*  
Institut Pasteur,  
Paris



*David Roos*  
University of  
Pennsylvania



*Wesley Sundquist*  
University of Utah

## Wiring the Nervous System



*Hollis Cline*  
Cold Spring  
Harbor Laboratory



*Anirvan Ghosh*  
University of  
California,  
San Diego



*Yishi Jin*  
University of  
California,  
Santa Cruz/HHMI

# ANNUAL MEETING Information

## ASCB 45th Annual Meeting Minisymposia

Speakers for each minisymposium will be selected by the co-chairs from submitted abstracts for each session. More information and submission at [www.ascb.org](http://www.ascb.org).

### Building Sensory Networks

*Herwig Baier*, University of California, San Francisco  
*Gero Miesenboeck*, Yale University School of Medicine

### Cargo Sorting & Vesicular Transport

*Robert Piper*, University of Iowa  
*Anne Spang*, Max Planck Institute, Tuebingen

### Cell Biology of the Synapses

*David Colman*, McGill University  
*Janet Richmond*, University of Illinois

### Cell Migration/Motility

*Peter Friedl*, University of Würzburg  
*Carole Parent*, National Cancer Institute/NIH

### Chromatin Dynamics

*Terumi Kohwi-Shigematsu*, Lawrence Berkeley National Laboratory  
*Danesh Moazed*, Harvard Medical School

### Coordinating Adhesion & Signaling

*Avri Ben-Ze'ev*, Weizmann Institute of Science  
*Vania Braga*, Imperial College London

### Coordination of Cytoskeletal Networks

*William Bement*, University of Wisconsin, Madison  
*Talila Volk*, Weizmann Institute of Science

### Cytoskeletal Dynamics in Living Cells

*Velia Fowler*, The Scripps Research Institute  
*Steven Gross*, University of California, Irvine

### Cytoskeletal Molecular Motors

*Susan Gilbert*, University of Pittsburgh  
*Margaret A. Titus*, University of Minnesota

### Differentiation & Cancer

*John Cleveland*, St. Jude Children's Research Hospital  
*Xi He*, Children's Hospital, Boston

### Epithelial Morphogenesis & Polarity

*David Bilder*, University of California, Berkeley  
*Heike Fölsch*, Northwestern University

### Extracellular Matrix & Signaling

*Josephine Adams*, The Cleveland Clinic Foundation  
*Joanne Murphy-Ullrich*, University of Alabama at Birmingham

### Formins & Arp2/3: Regulators of Actin

*Henry Higgs*, Dartmouth Medical School  
*Matthew Welch*, University of California, Berkeley

### Intermediate Filaments

*Ueli Aebi*, University of Basel  
*Bisr Omary*, Palo Alto VA/Stanford University

### Intersection of Signaling & Trafficking: Small GTPases

*Jim Casanova*, University of Virginia  
*Harry Mellor*, University of Bristol

### Lipid-Mediated Signals

*Antonella DeMatteis*, Consorzio Mario Negri Sud  
*Julie Saba*, Children's Hospital/Oakland Research Institute

### The Membrane Cytoskeleton

*Vann Bennett*, Duke University Medical Center/HHMI  
*Elizabeth McNally*, University of Chicago

### Mitosis & Meiosis

*Dean Dawson*, Tufts University  
*William Earnshaw*, University of Edinburgh

### Neuronal Polarity & Axo-Dendritic Growth

*Lorene Lanier*, University of Minnesota  
*Liqun Luo*, Stanford University

### Nuclear Compartments

*Joseph Gall*, Carnegie Institution of Washington  
*Angus Lamond*, University of Dundee

### Nuclear Envelope Functions

*Valérie Doye*, Institut Curie  
*Howard Worman*, Columbia University College of Physicians & Surgeons

### Organelle Dynamics

*David Chan*, California Institute of Technology  
*Andreas Mayer*, University of Lausanne

### Pathogens Co-opting Host Cell Functions

*Marcia Goldberg*, Massachusetts General Hospital  
*Michael Way*, Cancer Research UK

### Protein Folding & Quality Control

*Judith Frydman*, Stanford University  
*Jonathan Weissman*, University of California, San Francisco/HHMI

### Protein Misfolding & Disease

*William Balch*, The Scripps Research Institute  
*Harry Orr*, University of Minnesota

### Regulating Intercellular Junctions

*Andrew Kowalczyk*, Emory University School of Medicine  
*Yoshimi Takai*, Osaka University

### Regulation of the Cell Cycle

*Alison Lloyd*, University College London  
*Peter Sicinski*, Dana Farber Cancer Institute

### RNA Silencing Mechanisms

*Bonnie Bartel*, Rice University  
*Greg Hannon*, Cold Spring Harbor Laboratory

### Signaling in the Immune System

*Jason Cyster*, University of California, San Francisco/HHMI  
*Michael Dustin*, New York University School of Medicine

### Signaling in 3D Environments

*Jeffrey Hubbell*, Swiss Federal Institute of Technology  
*Senthil Muthuswamy*, Cold Spring Harbor Laboratory

### Stem Cell Niches

*David Scadden*, Massachusetts General Hospital  
*Allan Spradling*, Carnegie Institution of Washington/HHMI

### Trafficking Proteins & Complexes

*James Hurley*, National Institute of Diabetes & Digestive & Kidney Diseases/NIH  
*Sean Munro*, MRC Laboratory of Molecular Biology, Cambridge

For more information, contact the ASCB at 301-347-9300, [ascbinfo@ascb.org](mailto:ascbinfo@ascb.org) or [www.ascb.org](http://www.ascb.org)