

# Membrane Biophysics of Fusion, Fission, and Rafts in Health and Disease

Organizers: Fredric S. Cohen and Joshua Zimmerberg September 5-9, 2007, Marine  
Biological Laboratory, Woods Hole, Massachusetts

## Session I

### Viral, exocytotic and developmental cell fusion

**Steve Harrison** (*Harvard Medical School*) **Margaret Kielian** (*Albert Einstein Medical College*) **Grigory Melikyan** (*Institute of Human Virology, University of Maryland*) **Meyer Jackson** (*University of Wisconsin*) **Leonid Chernomordik** (*National Institutes of Health*)

## Session II

### Proteins of exocytotic and intracellular fusion

**William Wickner** (*Dartmouth Medical School*) **Josep Rizo** (*University of Texas Southwestern Medical Center*) **Reinhard Jahn** (*Max-Planck-Institute for Biophysical Chemistry*) **Tom Südhof** (*University of Texas Southwestern Medical Center*)

## Session III

### Endocytosis

**Ari Helenius** (*Swiss Federal Institute of Technology*) **Tomas Kirchhausen** (*Harvard Medical School*) **John Heuser** (*Washington University*) **Jürgen Klingauf** (*Max-Planck-Institute for Biophysical Chemistry*) **Thomas Schwarz** (*Harvard Medical School*)

## Session IV

### The endocytotic fission pore

**Sandra L. Schmid** (*Scripps Research Institute*) **Sanford M. Simon** (*Rockefeller University*) **Harvey McMahon** (*Medical Research Council, Cambridge, England*) **Timothy Ryan** (*Weill Medical College of Cornell University*)

## Session V

### Dynamin and the fission process

**Vadim Frolov** (*National Institutes of Health*) **Michael Kozlov** (*Tel Aviv University*) **Jennifer Hinshaw** (*National Institutes of Health*) **Pietro De Camilli** (*Yale University*)

## **Session VI**

### **Protein recruitment and membrane microdomains**

**Christian J. Merrifield** (*Medical Research Council, Cambridge, England*) **George Augustine** (*Duke University*)

**Akihiro Kusumi** (*Kyoto University, Japan*) **Kenneth Jacobson** (*University of North Carolina*) **Kai Simons**

(*Max-Planck-Institute of Molecular Cell Biology and Genetics*)

**There will be a formal poster session on Thursday afternoon. However, posters will be available for viewing and informal discussion throughout the meeting.**