

Symposium on the

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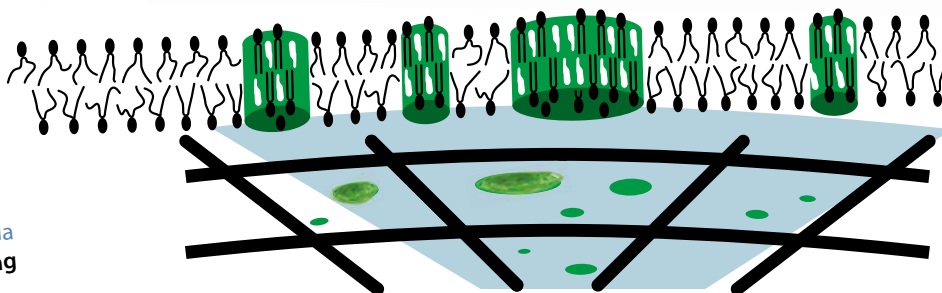
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27-29
January, 2010
Hotel Fujita Kyoto

The Sixth iCeMS
International Symposium

The Thirteenth
Membrane Research Forum



Ira Mellman

Genentech

Generation of signals and signaling domains

Martin Alexander Schwartz

University of Virginia

Integrin regulation of membrane domain trafficking

Robert G. Parton

University of Queensland

New insights into the formation and function of caveolae

Jay T. Groves

University of California, Berkeley

Signaling clusters in cell membranes

Masahiro Sokabe

Nagoya University

Overview of the mechanosensing project:
Comparative biophysics of cell mechanosensing

Boris Martinac

Victor Chang Cardiac Research Institute (Sydney)

Structure and function of bacterial mechanosensitive channels:
An improved open channel model of MscL determined from FRET,
confocal microscopy, and simulation

Shinya Kuroda

University of Tokyo

Temporal coding of ERK and Akt signaling pathway

Gerard Marriott

University of California, Berkeley

Optical switches: New molecular tools for rapid and reversible
manipulation of protein interactions and for high contrast
fluorescence imaging

Alexander I. Kolesnikov

Oak Ridge National Laboratory

Neutron scattering studies of water confined in nano-channels

Roger Morris

King's College London

LRP1-prion protein interactions and the control of
the neuronal surface

Ken P. Ritchie

Purdue University

Molecular diffusion in E. coli

Samuel T. Hess

University of Maine

Localization microscopy reveals nanoscale details of
membrane organization

Satyajit Mayor

National Centre for Biological Sciences

The construction of membrane domains in
living cell membranes: a role for cortical actin activity

Madan Rao

National Centre for Biological Sciences

Active dynamics of cortical actin and mechanisms of
molecular clustering at the cell surface

Ziya Kalay

iCeMS, Kyoto University

The effects of spatial confinement on the reaction rates of
macromolecules in the plasma membrane



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Admission is free, but your

pre-registration is appreciated.

Further info: <http://www.icems.kyoto-u.ac.jp/>

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