

Awaji Yumebutai International Conference Center, April 17, 2010

International Symposium on Single Molecule Nano Detection and Its Application to Life Science

一分子

Organizer : Keiichi Namba, Osaka University
Yoshie Harada, Kyoto University
Atsuko Iwane, Osaka University

Contact for more detail :

Atsuko Iwane,
Graduate School of Frontier Biosciences, Osaka University
Phone: 06-6879-4631; E-mail: iwane@phys1.med.osaka-u.ac.jp

Participation fee :

Symposium : charge-free / Banquet : 10,000 Japanese yen

10:00-10:30 **Ron Vale**
University of California
"Fun with Motors, Fluorescence and Japan"

10:30-11:00 **James A. Spudich**
Stanford University
"Twenty Five Years of Lively
Interactions with Toshio Yanagida"

11:00-11:30 **Yale E. Goldman**
University of Pennsylvania
"Navigation by Molecular Motors
and Muscle Babies"

11:30-12:00 **Kenneth C. Holmes**
Max Planck Institute for Medical Research
"The Actin-Myosin Interface"

12:00-13:00 **Lunch**

13:15-13:45 **David D. Thomas**
University of Minnesota
"Structural Dynamics of Actin and Myosin:
Structural Transitions are Loosely
Coupled to Biochemical Transitions"

*Development in single-molecule
nano detection techniques in the past years
will be reviewed, and recent
state-of-the-art technologies for
single molecule detection and manipulation
will be discussed...*

13:45-14:00 **Hugh E. Huxley**
Brandeis University
(Video Letter)

"Axial Reflections from Striated Muscle -
Neglected Clues and Present Puzzles"

14:00-14:55 **Ex-Members of Yanagida-Lab**
(Short Talks)

14:55-15:15 **Coffee Break**

15:15-15:45 **Fumio Oosawa**
Aichi Institute of Technology
"Twenty Four Years Passed: My Present
Interests are Spontaneous Activities"

15:45-16:45 **Toshio Yanagida**
Osaka University
"Single Molecule and Function of Life"

17:00-19:00 **Banquet**

Cosponsored by Global COE Program "System Dynamics of Biological Function" & OMRON Corporation