

iCeMS Inauguration Lectures and Ceremony

Institute for Integrated Cell-Material Sciences

iCeMS (Institute for Integrated Cell-Material Sciences) is a newly established international research center at Kyoto University under the auspices of the World Premier International Research Center (WPI) Initiative of the Ministry of Education, Culture, Sports, Science, and Technology (MEXT) of the Japanese government. It aims at creating the interdisciplinary fields of meso-control, based on the atomic and molecular interactions occurring in the scale of 5-100 nm, as the cells have designed themselves during evolution, integrated with cell science, with a special emphasis on pluripotent stem cells (for details, visit, <http://www.icems.kyoto-u.ac.jp>).

2008. 02.20-22 Hotel Fujita Kyoto

20.... 9:00-18:00 Discussion
18:00-20:00 Mixer
21.... 9:00-17:00 Discussion
17:30-19:30 Posters
22.... 9:00-13:30 Discussion



Co-sponsored by



2008. 02.19 The Clock Tower Centennial Hall Kyoto University

10:00-16:30 Lectures
16:30-18:00 Inauguration Celebration Ceremony

- Nakatsuji, Norio** iCeMS (Director) and Institute for Frontier Medical Sciences, Kyoto University
The scope and aims of the iCeMS, and human embryonic stem cell research
- Huttner, Wieland** Max-Planck Institute of Molecular Cell Biology and Genetics, Dresden
The cell biology of neural stem and progenitor cells
- Watt, Fiona** Wellcome Trust Centre for Stem Cell Research / School of Biological Sciences, University of Cambridge
Stem cell renewal and differentiation in mammalian epidermis
- Yamanaka, Shinya** iCeMS and Institute for Frontier Medical Sciences, Kyoto University
Induction of pluripotency by defined factors
- Takeichi, Masatoshi** RIKEN Center for Developmental Biology
Machinery to link cells together
- VijayRaghavan, K.** National Centre for Biological Sciences, Bangalore
Actin at the membrane in myoblast fusion during muscle remodelling
- Amatore, Christian** Ecole Normale Supérieure
Single Cell Behavior as Investigated by Amperometry at Ultramicroelectrodes
- Rome, Leonard H.** California NanoSystems Institute, University of California Los Angeles
Engineering of Vault Nanoparticles for Delivery of Therapeutics
- Ryan, John** Bionanotechnology IRC / University of Oxford
Real-time molecular imaging of membrane protein structure and function
- Kitagawa, Susumu** Deputy Director / iCeMS and Graduate School of Engineering, Kyoto University
Responsive Porous Crystals



Institute for Integrated Cell-Material Sciences
founded under the auspices
of the World Premier International Research Center (WPI) Initiative
at Kyoto University

The first iCeMS International Symposium

Invited Speakers

- Davis, Simon**
Nuffield Department of Clinical Medicine and Medical Research Council
Weatherall Institute of Molecular Medicine, University of Oxford
- Heuser, John**
iCeMS (International Affiliate) and Washington University School of Medicine

The 11th International Membrane Research Forum

- Kengaku, Mineko**
(prospective PI of iCeMS) / RIKEN Brain Institute
- Mayor, Satyajit**
National Centre for Biological Sciences, Bangalore
- Nabi, Ivan Robert**
Department of Cellular and Physiological Sciences / Life Sciences Institute, University of British Columbia
- Ritchie, Ken P.**
Department of Physics, Purdue University
- Sasai, Yoshiki**
RIKEN Center for Developmental Biology
- Simons, Kai**
Max-Planck Institute of Molecular Cell Biology and Genetics, Dresden
- Stowell, Michael H. B.**
Molecular, Cellular, and Developmental Biology, University of Colorado Boulder
- Taunton, Jack**
Department of Cellular and Molecular Pharmacology, University of California, San Francisco
- Watt, Fiona**
Wellcome Trust Centre for Stem Cell Research / School of Biological Sciences, University of Cambridge
- Watts, Anthony**
Biomembrane Structure Unit, Biochemistry Department, University of Oxford