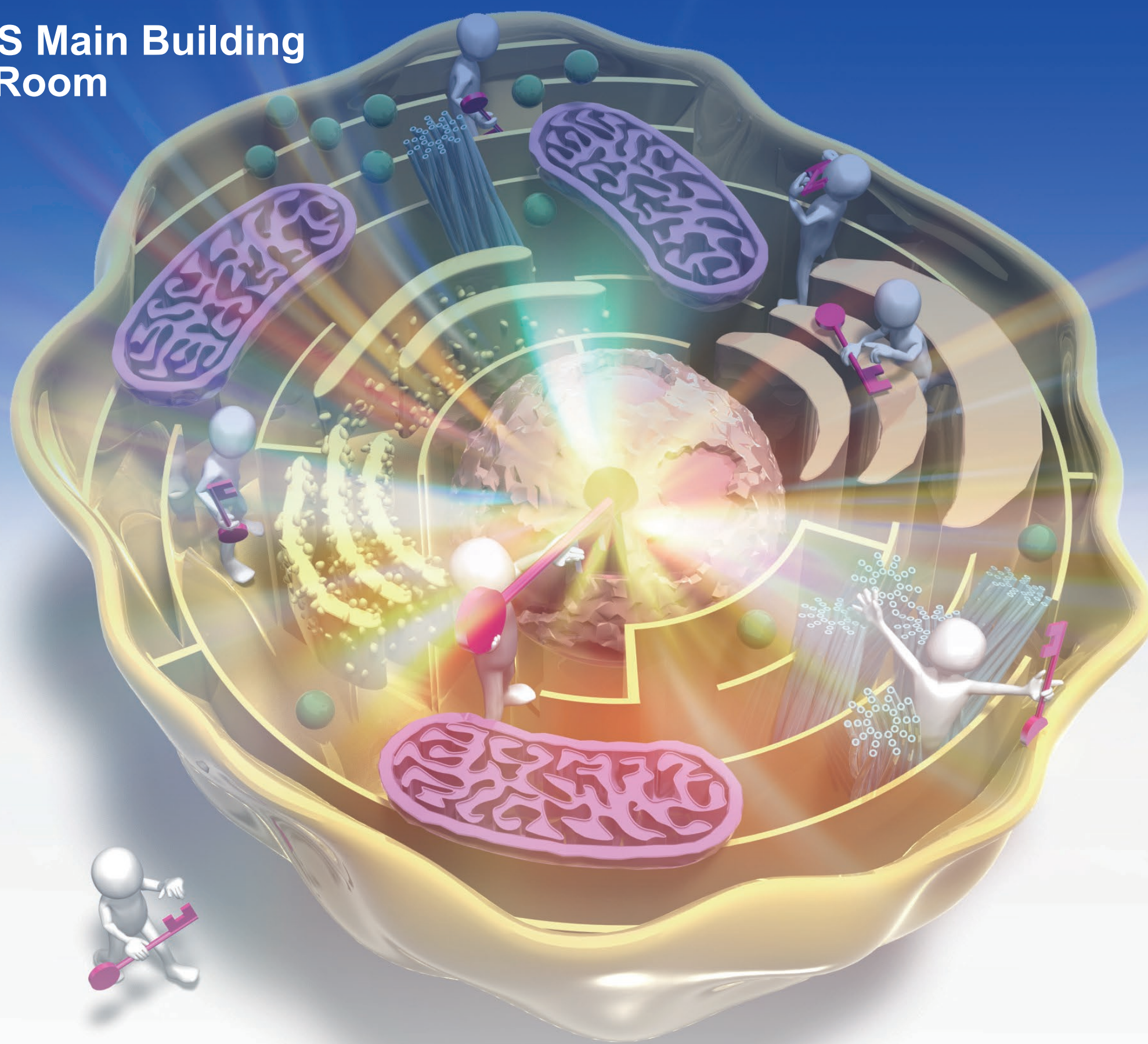


# 24th iCeMS International Symposium

## Emerging Science for Unlocking Cell's Secrets

Sep 3 – 4, 2018

KUIAS/iCeMS Main Building  
2F Seminar Room



### Speakers:



**Mauro Alini** (AO Research Inst Davos)  
Hyaluronan Hydrogel Platform  
for Musculoskeletal Regeneration



**Kazuto Fujishima** (iCeMS, Kyoto Univ)  
Cytoskeletal control of the tree shape  
of neuronal dendrites in the brain



**Yuji Furutani** (Inst for Molecular Science)  
Infrared Spectroscopy for Investigating  
Ion-Protein Interactions of Potassium  
Channels



**Kouichi Hasegawa** (iCeMS, Kyoto Univ)  
Chemical Control of Human Pluripotent  
Stem Cell Self-Renewal



**Yuichiro Hori** (Grad Sch of Eng, Osaka Univ)  
Design and Development of  
Fluorogenic Probes for Imaging  
Endogenous Biomolecules



**Akihiro Isomura** (JST PRESTO / IFLMS, Kyoto Univ)  
Optical Manipulation of Cell-Cell  
Communication in Gene Regulatory Circuits



**Ryuji Kato** (Grad Sch of Pharm Sci, Nagoya Univ)  
Morphology-Based iPS Cell Colony  
Evaluation for Cell Manufacturing



**Kyogo Kawaguchi** (RIKEN Center for Biosystems  
Dynamics Research)  
Skin Homeostasis and Spatiotemporal Cell  
Fate Coordination



**Huiying Li** (Dept of Molecular and Med Pharm, UCLA)  
Dissecting the Human Skin Microbiome  
in Health and Disease



**Yulong Li** (Sch of Life Sci, Peking Univ)  
Spying on Dopamine Modulation  
by Constructing New Genetically-Encoded  
Sensors



**Tomoki Matsuda** (Inst of Sci and Ind Research,  
Osaka Univ)  
Fluorescent and Bioluminescent Protein  
Based Probes for Visualization of  
Biological Events



**Hideharu Mikami** (Dept of Chem, Univ of Tokyo)  
High-Speed Fluorescence Microscopy:  
Generating Big Data in Life Science



**Yuya Morimoto** (Inst of Ind Sci, Univ of Tokyo)  
Biohybrid Device Composed of  
Cultured Tissue and Artificial Device



**Geoff Richards** (AO Research Inst Davos)  
AO Foundation and Preclinical Translation  
of Implant Surface Modification



**Masahiro Sonoshita** (Inst for Genetic Med,  
Hokkaido Univ)  
A Whole Animal Platform for Anti-Cancer  
Drug Discovery



**Satoshi Toda** (Dept of Cel and Molecular Pharm, UCSF)  
Synthetic Tissue Formation: Programming  
Multicellular Self-Organization



**Hidekazu Tsutsui** (Dept of Mater Sci, JAIST)  
Visualizing Cellular Electrical Phenomena  
with Fluorescence Reporters



**Dan Ohtan Wang** (iCeMS, Kyoto Univ)  
Chemistry and Biology Connected  
for the Emergence of Consciousness

See program details on our website

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