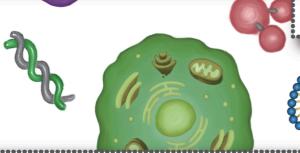




Materials and Methodology toward **Unraveling Biological Systems**



March 3 2022, 11:20-18:00



ONLINE & ONSITE **Kyoto U iCeMS Main Building 2F Seminar Room**

Ruixuan Gao, U of Illinois Chicago (US)
Physical Expansion of Cells and Tissues: Development and Applications

Satoshi Toda, Kanazawa U

Programming Multicellular Pattern Formation with Synthetic Cell-cell Signaling

Tomoko Yoshino, Tokyo U of Agri&Tech Technologies for Single-cell Transcriptomics of Circulating Tumor Cells

Masahiko Yoshimura, Kyoto U iCeMS Sensing and Control of Plant Hormone Signaling

Mako Kamiya, U of Tokyo Activatable Chemical Probes for Fluorescence Imaging of Cancer and Multicolor Raman Imaging of Plural Enzyme Activities

Takanori Uzawa, RIKEN

Visualization of Target Molécules in Live Cells using Fluorogenic Peptide Aptamers

Eiji Yuba, Osaka Prefecture U

Dendritic Molecule-Gold Nanorod Hybrids for Biomedical Applications

Indra Van Zundert, KU Leuven (Belgium) Drug Delivery System for Efficient Cancer Cell Targeting in 3D Cell Models

Beatrice Fortuni, KU Leuven (Belgium) Engineering of Nanomaterials for Drug Delivery and Bio-Sensing

Virginia Martínez-Martínez, UPV-EHU (Spain)
Photosensitized Silica Nanoparticles for Bioimaging and Photodynamic Therapy

Chair: Tomoko Inose, Kyoto U iCeMS

Co-Chair: Shuhei Furukawa, Kyoto U iCeMS

Contact: furukawa-g@icems.kyoto-u.ac.jp

Hosted by: Kyoto University Supporting Program for Interaction-Based Initiative Team Studies (SPIRITS)

Co-hosted by: Kyoto University Institute for Integrated Cell-Material Sciences (iCeMS)

