

Plenary keynote, plenary lectures, and oral presentations on Nov. 30th (Wed)

Nov. 30th (Wed) 9:00-10:00

Plenary Lectures [Chairman: Akira Matsumoto]

PL17: Crosslinking of Cell Surface Receptors Triggers Apoptosis

Jindrich Kopeček [University of Utah]

PL18: Novel strategies of Resident Cardiac Stem Cell delivery for Myocardial regeneration

Seung Jin Lee [Ewha Womans University]

PL19: PEG-b-PLA Micelles and PLGA-b-PEG-b-PLGA Sol-Gels for Multi-Drug Delivery

Glen S. Kwon [University of Wisconsin]

Nov. 30th (Wed) 10:08-11:08

Oral Presentations [Chairman: Horacio Cabral]

OA19: DNA/RNA heteroduplex oligonucleotide for highly efficient gene silencing

Takanori Yokota [Tokyo Medical and Dental University]

OA20: Effective cytoplasmic delivery of functional macromolecules by faint electricity

Kentaro Kogure [Tokushima University]

OA21: Maleimide-Functionalized closo-Dodecaborate Albumin Conjugate: Unique Ligation at Cysteine and Lysine Residues Enables Efficient Boron Delivery to Tumor for Neutron Capture Therapy

Hiroyuki Nakamura [Tokyo Institute of Technology]

OA22: Preparation of Polymer Micelles Including Pt(II)-Diradical Complexes Absorbing Near Infrared Light to Lead to Cancer Theranostics

Nobuhiko Iki [Tohoku University]

OA23: A new microfluidic-based analytical platform for profiling individual nanovesicles

Takanori Ichiki [The University of Tokyo]

Nov. 30th (Wed) 11:08-11:40

Oral Presentations [Chairman: Masaya Yamamoto]

OB20: Poly(ethylene glycol)-graft-Hyaluronic Acid as a Platform of Controlled Release of Proteins

Tooru Ooya [Kobe University]

OB21: Fabrication of vascularized collagen gels with a branched-vessel structure by making use of sugar- responsive gelatin hydrogels

Masaya Yamamoto [Kyoto University]

OB22: Intracellular Delivery System Based on Biofunctional Peptide-Modified Exosomes

Ikuhiko Nakase [Osaka Prefecture University]

OB23: Tumor Vascular Bursts Improve Nanoparticle Delivery

Yu Matsumoto [The University of Tokyo]

Nov. 30th (Wed) 13:20-14:50

Plenary Lectures & Plenary Keynote [Chairman: Keiji Itaka]

PL20: Dendrimers and polymers in the delivery of anticancer drugs

Jean M. J. Frechet [King Abdullah University of Science and Technology and University of California]

PL21: In situ Forming Hydrogels for Tissue Regeneration and Drug Delivery Systems

Ki Dong Park [Ajou University]

PLK2: Supramolecular Nanosystems for Smart Diagnosis and Therapy of Intractable Diseases

Kazunori Kataoka [Innovation Center of NanoMedicine (iCONM)]