

Oral Session

Venue: Yokohama Port Opening Plaza Room 9

Entry No	Invited	Presenta tion	Date	Time to start	Time to finish	Presenter_E (Family)	Presenter_E (First)	Affiliation	Paper Title(E)
10702		O-O11-001	12月11日	9:20	9:40	HARAGUCHI	DAIKI	Department of Chemistry, National Defense Academy	Fabrication of K ⁺ -selective nano-electrode for biological applications
10575		O-O11-002	12月11日	9:40	10:00	KOBAYASHI	Masashi	School of engineering, The University of Tokyo, JAPAN	Immunochemical visualization and quantitation of exosomes immobilized on the glass surface modified with PEG-lipid
10775		O-O11-003	12月11日	10:00	10:20	Ganbaatar	Narangerel	Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology	Surface force analysis of oligo(ethylene glycol)- terminated self-assembled monolayers: its relevance to protein and cell resistance
10119		O-O11-004	12月11日	10:20	10:40	LIU	Yihua	Department of Bioengineering, School of Engineering, The University of Tokyo	Well-structured Graft-type Phospholipid Polymer for Modified Polyurethane Vascular Prosthesis
Break									
10340		O-O11-005	12月11日	10:50	11:10	IJIMA	Kazutoshi	Department of Industrial Chemistry, Faculty of Engineering, Tokyo University of Science	Biomimetic calcium phosphate coating on polyimide films
10207		O-O11-006	12月11日	11:10	11:30	LIN	Xiaojie	Department of Materials Engineering, School of Engineering, The University of Tokyo	Redox-active Cytocompatible Phospholipid Polymer Hydrogels for 3-Dimensional Electrical Control of Encapsulated Living Cells

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10610		O-011-007	12月11日	11:30	11:50	YOSHIMURA	Yuki	Graduate School of Material Science, University of Hyogo	Rapid Fabrication of cell pattern with positive dielectrophoresis on micro-chamber array
10234		O-011-008	12月11日	11:50	12:10	Gao	Botao	Department of Materials Engineering, School of Engineering, The University of Tokyo	Phospholipid Polymer Multilayered Hydrogels Containing Cells for Cancer Drug Screening
10257		O-011-009	12月11日	12:10	12:30	Rahman	Tanzilur	University of Tokyo	DNA hybridization detection through differential potential measurement on a patterned gold multi electrode using analog circuit
昼休み									
10671		O-011-010	12月11日	13:30	13:50	MATSUDA	Naoki	AIST	Direct electron transfer reaction of cytochrome c on ITO electrode
10682	Invited	O-111-011	12月11日	13:50	14:20	YUI	Hiroharu	Department of Chemistry, Faculty of Science, Tokyo University of Science	Development of the Laser-Induced Surface Deformation Microscope and its Application for Non-Contact Measurements on the Rheological Properties of Single Living Cells
10041	Invited	O-111-012	12月11日	14:20	14:50	Mendes	Sergio	University of Louisville	Impedance Spectroscopy with Single-Mode Integrated Optical Waveguides
10068	Invited	O-111-013	12月11日	14:50	15:20	TSUNODA	Kin-ichi	Gunma University	Characteristics of Liquid-core/liquid-cladding Optical Waveguides for Liquid/Liquid Interface Studies

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10655	Invited	O-I11-014	12月11日	15:20	15:50	HAYASHI	Tomohiro	The Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology	Analysis of biointerfaces by scanning probe microscopy: from single molecule & surface force spectroscopy to chemical mapping at nanoscales
10732		O-O11-015	12月11日	15:50	16:10	CREANGA	Dorina-Emilia	Physics Department, Alexandru Ioan Cuza University, Iasi	Magnetite nanoparticle surface modification for bacteria sensing
Break									
10110		O-O11-016	12月11日	16:20	16:40	TAMAKI	Takanori	Tokyo Institute of Technology	Molecular Recognition Material based on DNA-conjugated Thermoresponsive Polymer
10604		O-O11-017	12月11日	16:40	17:00	AMEMIYA	Takashi	Graduate School of Environment and Information Sciences, Yokohama National University	Why do organisms oscillate? — Spatiotemporal glycolytic oscillations in immobilized yeast cells —
10430		O-O11-018	12月11日	17:00	17:20	KOGA	Tomoyuki	Faculty of Science & Engineering, Doshisha University	Preparation of Time-limitable Hydrogels from Self-assembling Collagen-mimetic Peptides
10744		O-O11-019	12月11日	17:20	17:40	SUMARU	Kimio	National Institute of Advanced Industrial Science and Technology	PAG-Functionalized Culture Surface Enabling Photo-Induced Clipping of Cell Monolayer
10064	Invited	O-I11-020	12月11日	17:40	18:10	OKOCHI	Mina	Nagoya University	Screening of lactic acid binding peptides using peptide array and its enhanced probiotic effect for intestinal cells

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10800	Invited	O-I11-021	12月11日	18:10	18:40	Otsuka	Hidenori	Faculty of Science, Department of Applied Chemistry, Tokyo University of Science/Graduate School of Chemical Science & Technology, Tokyo University of Science	Micropatterned Co-culture of Spheroids Layerd on Feeder Cells for Functional Tissue Culture
10810	Invited	O-I11-022	12月11日	18:40	19:10	TANAKA	Masaru	Yamagata University	The roles of water molecules at the biointerface of bio/medical polymers