

Poster Titles

Poster No.	Name	Title
P-01	Masashi Abe	Control of Initial Cell Adhesion and Cell Function of a Single Cell Attached on Cytocompatible Phospholipid Polymer Bearing Selective Recognition to Glycoproteins
P-02	Tatsuo Aikawa	One Cell Encapsulated Microcapsule Prepared by Microfluidic Device with Cytocompatible Polymer
P-03	Atsushi Arakaki	Genomic DNA Preparation of a Single Magnetotactic Bacterium from Environment
P-04	Takeshi Bamba	Development of Oxidized Phosphatidylcholines Profiling Method by Supercritical Fluid Chromatography/Tandem Mass Spectrometry
P-05	Hirokazu Chiba	Optimizing Primers for Sequencer-Based Quantitation of RNAs
P-06	Sadeg M. Faris	Can Zero Error Epigenome Sequencing Be Achieved?
P-07	Eiichiro Fukusaki	Non-Bias Metabolic Dynamics Analysis Using Data of Time Course of Isotopomer Ratio Change
P-08	Yosuke Fukutani	Expression and Functional Characterization of Olfactory Receptors in <i>Saccharomyces cerevisiae</i>
P-09	Hisakage Funabashi	Single Cell Analysis of Spherical Cells in the Multilayer Muscle Fiber Sheet Formation Induced by Spermine
P-10	Shunsuke Furutani	RT-PCR of Isolated Single Cells on a Compact Disk (CD)-Shaped Device
P-11	Shiroh Futaki	Novel Intracellular Delivery System Using pH-dependent Fusigenic Peptide
P-12	Mitsuru Hattori	High-Sensitivity Cell-Based Assays of Monitoring G-Protein-Coupled Receptors Using Split Click Beetle Luciferase Complementation
P-13	Akiyuki Hasegawa	Development of the Size-Dependent Cell Sorting System with Microfluidic Chip
P-14	Kentaro Hidari	Development of Micro Fluidic Based Single Cell Manipulation Chip
P-15	Yukichi Horiguchi	Gd@C82-PEG/Polyamine Complex for Neutron Capture Therapy
P-16	Masahito Hosokawa	Development of a Method for Cytotoxic Chemical Screening Using a Single-Cell Array Integrated with a Microfluidic Gradient Generator
P-17	Yasunori Iribe	Detection of Single B and T Cell Responses by 2D-SPR Imaging

P-18	Shin'ichiro Kajiyama	Single Cell Level Analysis of Phytoalexin Production in Oats
P-19	Yoshihiro Katsura	Development of Genetically Encoded Photo-Activatable Akt/PKB
P-20	Mizuki Kitamatsu	Development of Peptide Nucleic Acids for Purification, Detection, and Intracellular Delivery of Small RNAs
P-21	Hideki Koike	Dynamic Analysis of Molecular Beacons and Functional Proteins Introduced into Target-Single ES Cells by Femtoinjection
P-22	Tomohiro Konno	Cytocompatible Polymer Materials and Their Integrated Biodevices to Develop Single Cell Analysis
P-23	Izumi Kubo	Novel Microfluidic Disk for Staining of Single-Cell and Its Application to Jurkat Cells
P-24	Masayasu Kuwahara	Syntheses of Modified Nucleoside Triphosphates, and Their Application to DNA Sequence Analysis
P-25	Jong-Kook Lee	Engineering of Functional Regenerated Myocardium ~ Axon Guidance to Induced Pluripotent Stem Cell-Derived Cardiomyocytes~
P-26	Ken Livak	High-Throughput Gene Expression of Hematopoietic Stem Cell Markers Using Evagreen Double Stranded DNA Binding Dye Chemistry and Dynamic Array IFCs
P-27	Yasumasa Mashimo	Detection of Small RNA Molecules by Combination of Branched Rolling Circle Amplification and Bioluminescent Pyrophosphate Assay
P-28	Ryo Matoba	Gene Expression Profiling of Single Oocyte
P-29	Natsuko Miura	Reconsideration of Subcellular Localization of Glycolytic Enzymes for Sustaining Single Cell Life
P-30	Hiroyuki Moriguchi	Rhythmic Activities in Microarrays of Small Neuronal Networks
P-31	Hironobu Morisaka	High Performance Separation of Protein Using Long Monolithic Column for Single Cell Proteome Analysis
P-32	Tetsushi Mori	Identification of Polyketide Producers from Marine Sponges via the Single-Cell Approach
P-33	Chikashi Nakamura	Single Cell Discrimination by Detecting Intermediate Filaments Using Antibody-Immobilized Nanoneedle and AFM
P-34	Yusuke Nasu	Visualization of Protein Release from Mitochondria Using YFP-Fragment Spontaneous Complementation in Single Living Cells
P-35	Itoshi Nikaido	Novel Informatics Method for Extracting Cell State and Defined Factors with Noisy Single-Cell Gene Expression Data
P-36	Yuki Ohmuro-Matsuyama	Detection of Protein-Protein Interactions by Functional Complementation of Mutant Firefly Luciferase

P-37	Mina Okochi	Evaluation of Invasive Capacity of Tumor Cells Using Magnetically Micropatterned Multicellular Spheroid
P-38	Seitaro Oura	Dummy DNA Injection for Controlling a Specific Transcription in a Target-Single ES Cell
P-39	Tatsuya Saeki	High-Throughput Profiling of Cell Population Based on Large-Field Imaging by CMOS Sensor
P-40	Masato Saito	Development of the on Chip Microchamber Array PCR and RT-PCR
P-41	Hitoshi Shiku	Single-Cell Messenger RNA Analysis for Wound Healing
P-42	Motoomi Suzuki	Development of a Capillary-Plate-Based PCR Technique for Single-Cell Analysis
P-43	Masahiro Takagi	Membrane Dynamics and T-Cell Signal Transduction
P-44	Yuzo Takayama	Evaluation and Control of Neuronal Differentiation Processes by Using Micro-Fabrication Techniques
P-45	Natsuki Takehiro	A High-Throughput Screening Technique Employing Gel Microdrops for Lipase Genes from Soil Metagenome
P-46	Masaki Takeuchi	Development of Ratiometric Bioluminescence Indicators for Monitoring Cyclic AMP in Living Cells and Animals
P-47	Yutaka Tamaru	Development of the Transparent Goldfish as a New Animal Model and Its Application to Single Cell Analysis
P-48	Yasutsugu Tamura	Detection of the Endogenous RNAs in Living Cell with Fluorogenic Probe
P-49	Kiyomi Taniguchi	Analysis of a Single-Cell Transcript in Osteoblastic Differentiation
P-50	Wataru Tonomura	Electroretinogram Recordings Inside Isolated Mouse Retina Using Spatially Arranged Microelectrodes
P-51	Takeyoshi Wada	The New Technique of ATP Synthesis in Cultured Mammalian Cells: Mitochondria-Specific Expression of Deltarhodopsin
P-52	Toshimichi Yamada	Single Molecule Imaging of Endogenous β -Actin mRNA Using Complementation of Split EGFP Fragments
P-53	Yoshinori Yamaguchi	Quantitative Imaging Analysis for the Drug Testing and Screening on Cardiomyocyte Derived from Mouse Embryonic Stem Cell
P-54	Yoshinori Yamaguchi	Non-Invasive Diagnosis for the Differentiation of Mouse ES Cells by Raman Spectroscopy
P-55	Shohei Yamamura	Cell Microarray Chip for Rapid and Highly Sensitive Detection of Malaria-Infected Erythrocytes

P-56	Masafumi Yohda	ATP-Induced Dynamic Motion of Group II Chaperonin Detected by Diffracted X-Ray Tracking
P-57	Hiroyuki Yoshikawa	Surface Enhanced Raman Scattering from Gold Nanoparticles Uptaken by Undifferentiated and Differentiated Embryonic Stem Cells
P-58	Takayuki Yoshikawa	Development of a Method for Detection of Circulating Tumor Cells Using a Size Selective Microcavity Array
P-59	Hideaki Yoshimura	Development of a GFP-tagged Probe to Visualize β -Actin mRNA in Living Cells
P-60	Toru Yoshitomi	pH-Sensitive Nitroxide Radical-Containing-Nanoparticles (RNP) for Nanotherapy of Renal Ischemia-Reperfusion Injury
P-61	Jun Ishii	Single-Cell Analysis Revealed Correlation Between Yeast GPCR Signaling and Plasmid Retention