

Day1: Wednesday November 16th, 2016

Poster number	Name	Affiliation	Title
P1-1	Akifumi Yoshihara	University of Tokyo	DESIGN OF FUNCTIONAL PEPTIDE FOR CAPTURE AND RELEASE OF CIRCULATING TUMOR CELLS
P1-2	Aya Hashimoto	Osaka University	ANALYSIS OF HYDROXYAPATITE FORMED BY OSTEOBLASTS WITH RAMAN SPECTROSCOPY AND FRAGMENT MOLECULAR ORBITAL METHOD
P1-3	Ayana Yamagishi	AIST	EFFECT OF NESTIN KNOCKOUT ON MECHANICAL PROPERTY OF CYTOSKELETAL STRUCTURE IN HIGHLY METASTATIC MOUSE BREAST CANCER CELL
P1-4	Charles Plessy	RIKEN Centre for Life Sciences Technology	SINGLE-MOLECULE ASSEMBLY ENABLES DIGITAL ISOFORM ANALYSIS IN SINGLE CELLS
P1-5	Chihiro Okutani	The University of Tokyo	TOPOGRAPHICAL STRUCTURE INDUCED FUNCTIONAL SINGLE CELL MIGRATION: A HOLE-SIDE WALL TRAPPING CELL AND ENHANCING CELL MIGRATION SPEED
P1-6	Chikako Kase	Japan Women's University	MICROFLUIDIC-BASED PADLOCK PROBE ROLLING-CIRCLE AMPLIFICATION FOR mRNA DETECTION
P1-7	Chikashi Nakamura	AIST	MECHANICAL CELL SEPARATION TECHNOLOGY USING NANONEEDLE ARRAY MODIFIED WITH ANTI-INTERMEDIATE-FILAMENT ANTIBODIES
P1-8	Fumihito Miura	Kyushu University	AN EFFICIENT METHOD FOR NGS LIBRARY PREPARATION FROM SINGLE-STRANDED DNA
P1-9	Genki Kawamura	The University of Tokyo	ANALYSIS OF UV-C EVOKED CIRCADIAN CLOCK SYNCHRONIZATION MECHANISM BY A SINGLE-CELL BIOLUMINESCENCE IMAGING
P1-10	Haibiao (Herbert) Gong	Fluidigm Corporation	SIMULTANEOUS MULTIPLEX DETECTION AND CORRELATION ANALYSIS OF PROTEINS AND MRNAS IN SINGLE CELLS
P1-11	Hayato Tsuyuzaki	Waseda Univ	ELUCIDATION OF THE CELL CYCLE INITIATION MECHANISM WITH THE SINGLE CELL TRANSCRIPTOME OF FISSION YEAST
P1-12	Hideo Nakano	Nagoya Univ.	ECOBODY TECHNOLOGY: RAPID AND ECONOMICAL ANTIBODY GENERATION FROM SINGLE-B CELLS USING ESCHERICHIA COLI IN VITRO/IN VIVO EXPRESSION SYSTEMS
P1-13	Hiroki Ashikawa	The University of Tokyo	DEVELOPMENT OF QUANTITATIVE ATP CONCENTRATION MEASUREMENT METHOD IN SINGLE CELLS FOR ARTIFICIAL CELL SYSTEM
P1-14	Hiroko Matsunaga	Hitachi, Ltd.	SITE-SPECIFIC GENE EXPRESSION ANALYSIS FOR FROZEN TISSUES WITH SMALL FRAGMENTS CAPTURED BY AN AUTOMATED PUNCHING SYSTEM
P1-15	Hiroshi Tsutsumi	Tokyo Institute of Technology	CONSTRUCTION OF pH-RESPONSIVE HYDROGEL MATERIALS FABRICATED FROM DESIGNED SELF-ASSEMBLING PEPTIDES FOR CELL CULTURE
P1-16	Hiroyuki Yoshikawa	Osaka University	FABRICATION OF PLASMONIC BIOSENSOR SUBSTRATES BY VISIBLE LIGHT INDUCED ELECTROLESS SILVER PLATING
P1-17	Hitomi Takahashi	The University of Tokyo	DEVELOPMENT OF PIEZO-DRIVEN SWITCHING VALVE SYSTEM ON EXTENDED-NANO CHANNEL FOR FEMTOLITER FLUID CONTROL
P1-18	Hitoshi Shiku	Tohoku University	MULTI-FUNCTIONAL PIPETTE PROBES FOR LOCALIZED GNE EXPRESSION ANALYS OF TISSUE MODEL
P1-19	Imad Abugessaisa	Center for Life Science Technology (CLST), RIKEN	QUANTIFICATION, ANNOTATION AND INTEGRATION OF OVER 30 THOUSANDS PUBLISHED HUMAN AND MOUSE SINGLE-CELL RNA-SEQ DATA
P1-20	Kaori Takai	Tokyo University of Agriculture and Technology	SIMULTANEOUS PHOTOPOLYMERIZATION OF CIRCULATING TUMOR CELLS BASED ON MULTIPLE LIGHT PROJECTION
P1-21	Katsuyuki Shiroguchi	RIKEN Quantitative Biology Center	HIGH THROUGHPUT SINGLE CELL ANALYSIS FOR TARGET GENOMIC SEQUENCES
P1-22	Katsuyuki Yui	Nagasaki University	SINGLE CELL ANALYSIS OF CD4+ T LYMPHOCYTES PRODUCING DISTINCT CYTOKINES DURING MALARIA INFECTION
P1-23	Keigo Tsutsui	Osaka University	DEVELOPMENT OF A MICROFLUIDIC CHIP FOR ANALYSIS OF EXOSOMES AT SINGLE-CELL LEVEL
P1-24	Ken-Ichi Wada	RIKEN	QUANTITATIVE CONTROL OF MITOCHONDRIA TRANSFER BETWEEN LIVE SINGLE-CELLS BY MICROFLUIDIC DEVICE
P1-25	Kenta Hagiwara	Gunma University	OPTIMIZED CONDITIONS FOR SEPARATION OF LONG-LENGTH DNA APTMER-TARGET COMPLEX USING NECEEM AND ITS APPLICATION TO SELECTION METHODS
P1-26	Kiyofumi Takahashi	Waseda University	REPRODUCIBLE SAMPLE PREPARATION FOR SINGLE-CELL RNA-SEQ WITH A COMMERCIALY AVAILABLE DISPENSER
P1-27	Kohta Nakatani	Kyushu University	DEVELOPMENT OF A HIGHLY SENSITIVE ANALYTICAL SYSTEM USING NANO LC/MS/MS TOWARD SINGLE CELL METABOLOMICS
P1-28	Kouto Toyoda	University of Tokyo	DEVELOPMENT OF EXTENDED-NANO GRADIENT CHROMATOGRAPHY
P1-29	LARRY XI	Fluidigm Corporation	A NEW METHOD TO GENERATE SINGLE-CELL DNA LIBRARY THAT CARRIES MOLECULAR BARCODES
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P1-31	Ling Lin	The University of Tokyo	LIVING SINGLE CELL RELEASE AND CULTURE AFTER FL SAMPLING BY EXTENDED-NANO/MICRO INTERFACE
P1-32	Mai Yoshihara	Hitachi High-Technologies Corporation	ELECTRON DENSITY CHARACTERIZATION OF SINGLE WHOLE CELL USING TRANSMISSION MICROSCOPE
P1-33	Maki Komiya	The University of Tokyo	SCREENING OF A NOVEL SUMOYLATED PROTEIN USING SPLIT FLUORESCENCE PROTEIN FRAGMENTS
P1-34	Makoto Kato	The University of Tokyo	DIRECTED EVOLUTION OF ALKALINE PHOSPHATASE BY FEMTOLITER CHAMBER ARRAY SCREENING SYSTEM
P1-35	Makoto Yoshinaga	Osaka University	DEVELOPMENT OF OPTICAL PICK-UP MICRO-ELISA FOR BIOMARKER DETECTION
P1-36	Masafumi YOHDA	Tokyo University of Agriculture and Technology	COMPLETE GENOME SEQUENCES OF BACTERIA IN MIXED CULTURE BY THE SINGLE MOLECULE DNA SEQUENCER
P1-37	Masahiro TAKAGI	Japan Advanced Institute of Science and Technology	EVALUATION FOR SKIN AND EYE IRRITATION BASED ON SURFACTANT-INDUCED MEMBRANE DYNAMICS
P1-38	Masato Saito	Osaka University	DEVELOPMENT OF MICRO/NANO-STRUCTURED LSPR IMAGING CHIP FOR SINGLE NEUTROPHIL ANALYSIS
P1-39	Mizuki Naito	Tokyo University of Agriculture and Technology	ANALYSIS OF mRNA HYBRIDIZATION KINETICS IN CYTOSOL OF LIVING CELL USING MOLECULAR-BEACON-MODIFIED NANONEEDLE
P1-40	Morito Sakuma	The University of Tokyo	QUANTITATIVE EVALUATION OF RECOVERY FROM DAMAGE IN CANCER CELLS
P1-41	Musashi Takenaka	Kobe University	IN SITU DETECTION OF PROTEINS ON CELL SURFACE VIA ATOMIC FORCE SPECTROSCOPY
P1-42	Masato SUZUKI	Panasonic Corporation	FUNCTIONAL HIGH-THROUGHPUT SCREENING OF OLFACTORY RECEPTORS FOR SPECIFIC ODORANTS
P1-43	Masayasu Suzuki	University of Toyama	POSITIVE-DIELECTROPHORETIC CELL LEADING INTO MICROWELL ARRAY FOR SINGLE CELL ANALYSIS
P1-44	Nozomu Yachie	The University of Tokyo	BARCODE FUSION GENETICS FACILITATES MEASURING THE DYNAMICS OF MOLECULAR NETWORKS
P1-45	Takayuki Kawai	Quantitative Biology Center, RIKEN	ULTRA SENSITIVE CAPILLARY ELECTROPHORESIS SYSTEM FOR SINGLE CELL ANALYSIS
P1-46	Rimi Miyaoka	Waseda University	IN SITU DETECTION OF BIOACTIVE COMPOUNDS FROM SINGLE CELLS BY RAMAN MICROSCOPY
P1-47	Osamu Takenouchi	The University of Tokyo	OPTOGENETIC CONTROL OF ENDOCYTOSIS AND TRAFFICKING OF LIGAND-ACTIVATABLE GPCR
P1-48	Kentaro Shirai	Sysmex	INVESTIGATION OF IMMUNOCHEMICAL REACTION IN NANOFUIDIC CHANNELS FOR ULTRA-LOW VOLUME ANALYSIS

Day2: Thursday November 17th, 2016

Poster number	Name	Affiliation	Title
P2-1	Etsuo A. SUSAKI	The University of Tokyo	CUBIC: CELL-OMICS ANALYSIS OF WHOLE ORGAN/BODY TOWARD THE ORGANISM-LEVEL SYSTEMS BIOLOGY
P2-2	Hiroko BANNAI	RIKEN BSI	DIFFERENTIAL CALCIUM-DEPENDENT CONTROL OF SYNAPTIC GABAA RECEPTOR CLUSTERING BY IONOTROPIC AND METABOTROPIC GLUTAMATE RECEPTORS
P2-3	Hiromu Kashida	Nagoya University	RNA IMAGING IN CELL BY USING MOLECULAR BEACON COMPOSED OF SERINOL NUCLEIC ACID
P2-4	Shohei Kaneda	The University of Tokyo	TRAPPING OF A CELL AND IT'S MECHANICAL CHARACTERIZATION BY SILICON NANOTWEEZERS
P2-5	Noriko Ito	DNA Chip Research Inc	THE DETECTION OF GENOMIC COPY NUMBER VARIATION FROM SINGLE HUMAN IPS CELLS USING ARRAY CGH
P2-6	Noritada Kaji	Nagoya University	CONSECUTIVE MEASUREMENTS OF A SINGLE CELL SIZE AND DEFORMABILITY BY MICROFLUIDIC DEVICES
P2-7	Nupur NIGAM	National Cancer Center Research Institute	LARGE SCALE SINGLE – CELL GENE EXPRESSION ANALYSIS FOR UNDERSTANDING THE HETEROGENEITY OF COLON CANCER TISSUE
P2-8	Ophélie Araud	RIKEN CLST	TRANSCRIPTOMIC STUDY OF HPV INFECTED CELLS USING A NEW HIGH- THROUGHPUT SINGLE CELL NANOCAGE PROTOCOL
P2-9	Ryo INUKAI	Kagawa University	DEVELOPMENT OF OPTICALLY-DRIVEN MICROCHOPSTICKS FOR MANIPULATING SINGLE CHROMOSOMAL DNA MOLECULES
P2-10	Ryo Negishi	Tokyo University of Agriculture and Technology	HYDROGEL-BASED SINGLE-CELL MANIPULATION TOWARDS GENETIC ANALYSIS OF SINGLE CIRCULATING TUMOR CELL
P2-11	Ryohei Kobayashi	The University of Tokyo	DIGITAL BIOASSAY IN DIGITAL MICROFLUIDIC PLATFORM
P2-12	Ryoichi Ohta	The University of Tokyo	DEVELOPMENT OF EXTENDED-NANO FLUIDIC ELISA DEVICE FOR SINGLE-CELL SINGLE-MOLECULE ANALYSIS
P2-13	Ryoyo Ikebuchi	Osaka Ohtani University	SINGLE-CELL GENE & PROTEIN EXPRESSION ANALYSIS REVEALED UNIQUE FUNCTIONAL SUBSETS OF REGULATORY T CELLS
P2-14	Ryuji Misawa	The University of Tokyo	DEVELOPMENT OF NOVEL LIGHT RESPONSIVE PEG LIPID FOR MULTIPLE CELL TYPES PATTERNING AND CELL RECOVERY
P2-15	S. Takeda	The University of Tokyo	DEVELOPMENT OF UV EXCITATION DIFFERENTIAL INTERFERENCE CONTRAST THERMAL LENS MICROSCOPY FOR SINGLE NON-FLUORESCENT MOLECULE DETECTION
P2-16	Sadao Ota	THINKCYTE Inc.	GHOST CYTOMETRY BEYOND HUMAN ABILITY -ULTRAFAST FLUORESCENCE "IMAGING" FLOW CYTOMETRY-
P2-17	Satoshi KONISHI	Ritsumeikan University	SERIALLY CONNECTED MICRO SOLITARY CHAMBERS FOR TRAPPING AND ANALYSING OF MOVING CELLS
P2-18	Seigo ARAKI	Chuo University	HIGH-RESOLUTION LIVE IMAGING OF THE VERTICAL SECTION OF CULTURED ADHERENT CELL USING MICROFLUIDIC DEVICE
P2-19	Shinya Yamahira	The University of Tokyo	CAGED POLY(ETHYLENE GLYCOL)-LIPID SURFACE FOR PATTERNING MULTI-TYPES OF CELLS
P2-20	Shiori Fujimoto	The University of Tokyo	STOCHASTIC GENE EXPRESSION BY TANDEM GENES
P2-21	Shohei Yamamura	National Institute of Advanced Industrial Science	ACCURATE DETECTION OF CIRCULATING TUMOR CELLS USING CELL MICROARRAY CHIP
P2-22	Shota Miyazaki	Nagaoka University of Technology	SINGLE CELL TRACKING OF MIGRATION DURING HUMAN GASTRULATION IN VITRO
P2-23	Takaaki Okajima	Osaka University	RECEPTOR PROTEIN ANALYSIS OF SINGLE CELL USING CENTRIFUGAL MICROFLUIDIC DEVICE
P2-24	Takayuki Hoshino	University of Tokyo	VIRTUAL ELECTRODE FOR MECHANICAL STRAIN MICROSCOPY AND ELECTROPORATION ON INVERTED-ELECTRON BEAM LITHOGRAPHY
P2-25	Takeshi Hara	Vrije Universiteit Brussel	PREPARATION OF POROUS LAYERD OPEN TUBE CAPILLARY COLUMNS VIA SOL-GEL PROCESSING TOWARD SINGLE CELL ANALYSIS
P2-26	Takuya Yoda	Waseda University	SITE-SPECIFIC GENE EXPRESSION ANALYSIS WITH A RAPID AUTOMATED SYSTEM FOR CAPTURING MANY SMALL DISSECTED TISSUE FRAGMENTS FROM A FROZEN SAMPLE
P2-27	Tan Modong	University of Tokyo	DEVELOPMENT OF THE IMAGE CYTOMETRY METHOD FOR GPCR TARGETED DRUG SCREENING
P2-28	Tomohiro Takahashi	The University of Tokyo	DIRECT ACQUISITION OF EPIGENETIC INFORMATION ALONG CHROMATIN FIBERS ISOLATED FROM SINGLE MAMMALIAN CELLS
P2-29	Tomoya Mori	Kyoto University	DEVELOPMENT OF 3D-RECONSTRUCTION METHOD FOR MOUSE BLASTOCYST FROM SINGLE-CELL TRANSCRIPTOME DATA
P2-30	Tomoyuki Masuda	Chuo University	EVALUATION OF POLYMERASE CHAIN REACTION IN 3D-SHAPED MICROCHAMBER DEVICE
P2-31	Toru Maruyama	Waseda University	SOFTWARE FOR QUALITY CONTROL OF SINGLE AMPLIFIED GENOME SEQUENCES
P2-32	Tsukasa Kouno	RIKEN Center for Life Sciences Technologies	C1 CAGE: REVEALING GENE REGULATION DURING TGFB STIMULATION AT SINGLE-CELL RESOLUTION
P2-33	Tsuneo Urisu	Nagoya University	NEURONAL NETWORK WITH ONE CONTROLLED SINGLE CELL FOR HIGH THROUGH PUT SCREENING BASED ON PLANAR PATCH CLAMP
P2-34	Uen Tinn Lea	University of Tokyo	SURFACE FUNCTIONALIZATION OF CARBON-BASED SENSOR WITH BIOCOMPATIBLE POLYMER BRUSH FOR INTRACELLULAR DRUG DETECTION
P2-35	Wataru Aoki	Kyoto University	CONSTRUCTIVE GENETICS FOR ULTRA-HIGH-THROUGHPUT MOLECULAR BIOLOGY WORKFLOW
P2-36	Wilfred Villariza Espulgar	Osaka University	BEAT PROFILING AND RAMAN IMAGING OF SINGLE NEONATAL RAT CARDIOMYOCYTES IN DESIGNED MICROFLUIDIC CHIP
P2-37	Y. Zhou	Kanazawa University	LOCALIZED MRNA COLLECTION OF SINGLE LIVING CELLS USING MULTIFUNCTIONAL NANOPIPETTE
P2-38	Yasufumi TAKAHASHI	Kanazawa University	CHEMICAL MAPPING USING NANO ELECTROCHEMICAL MICROSCOPY
P2-39	Yi ZHANG	The University of Tokyo	DEVELOPMENT OF AN INTEGRATED FEMTOLITER CHAMBER ARRAY SYSTEM FOR DIRECTED EVOLUTION OF PROTEIN MOLECULES
P2-40	Yohei Nishikawa	Waseda University	DROPLET MICROFLUIDICS FOR MASSIVELY PARALLEL AND ACCURATE GENOME AMPLIFICATION OF SINGE CELLS
P2-41	Yoshiki Morizumi	The University of Tokyo	RECONSTITUTE THE CELLULAR REACTIONS IN THE ARTIFICIAL CELL BASED ON THE FUSION OF E. COLI AND MICRO-SCALED DEVICES
P2-42	Yota Kato	The University of Tokyo	MEASURING METABOLIC ACTIVITIES IN SINGLE BACTERIAL CELLS BY RAMAN MICROSCOPY
P2-43	Yuichi Taniguchi	RIKEN Quantitative Biology Center	TOWARDS UNDERSTANDING THE LINKAGE BETWEEN MULTIPLE OMICS LAYERS
P2-44	Yuka Kizawa	Osaka University	ELECTROCHEMICAL LUMINESCENT IMAGING OF IMMUNOLOGICAL CELLS INDUCING DEFENSE REACTINS WITH MICROELECTRODE ARRAY
P2-45	Yukie Kashima	The University of Tokyo	SINGLE CELL RNA-SEQUENCING OF CELL LINE WITH CHROMIUM AND OTHER PLATFORMS
P2-46	Yusuke Ominami	Hitachi High-Technologies Corporation	A NOVEL TRANSMISSION ELECTRON MICROSCOPY FOR SINGLE WHOLE CELL IMAGING
P2-47	Yutaka TAMARU	Mie University	DEVELOPMENT OF BIOTOOLS WITH SINGLE CELL ANALYSIS USING FISH BIOTECHNOLOGY
P2-48	Yuzuru Takamura	Japan Advanced Institute of Science and Technology	DEVELOPMENT OF A MOLECULAR ANALYSIS CHIP FOR SINGLE CELLS ON 2D-PLANE WITH POSITIONAL INFORMATION
P2-49	Kentaro Shirai	Sysmex	INVESTIGATION OF IMMUNOCHEMICAL REACTION IN NANOFUIDIC CHANNELS FOR ULTRA-LOW VOLUME ANALYSIS