

QBiC Symposium 2016 Poster Presentations

Sep. 6 (Tue) 13:30-14:30 Odd numbered posters

Sep. 7 (Wed) 13:40-14:40 Even numbered posters

Poster#	Presenter's Name	Affiliation	Presentation Title
P01	Linda Chio	University of California, Berkeley	Synthetic Antibodies for Direct Near-infrared Imaging of Cellular Metabolites and Proteins
P02	Markita Landry	University of California, Berkeley	Detection of Single Protein Efflux from an Isolated Cell Using Infrared Fluorescent Protein Sensors
P03	Hajime Shinoda	Osaka University	Acid resistant monomeric GFP derived from <i>Olinidias formosa</i>
P04	Gembu Maryu	Kyoto University	Multiplexed fluorescence imaging of ERK and Akt activities and cell-cycle progression
P05	Yemima Riani	Osaka University	Green variant of monomeric photosensitizing fluorescent protein for photo-inducible protein inactivation and cell ablation
P06	Youichi Uda	Kyoto University	Development of genetically-encoded optogenetic system for red light-induced control of cell signaling
P07	Arno Germond	RIKEN QBiC	Raman spectroscopy as a tool to describe the phenotypic landscape of cells
P08	Taketoshi Kambara	RIKEN QBiC	Direct measurement of the binding rate constant of kinesin to microtubules in living cells
P09	Kazuho Ikeda	RIKEN QBiC	Development of TALE DNA binding probes for efficient chromatin live imaging
P10	Kazunari Mouri	RIKEN QBiC	Unraveling origins of bottleneck effects for ERK signal transduction using confocal image analyses and single molecule imaging
P11	Keisuke Fujita	RIKEN QBiC	Transcriptional bursting is intrinsically caused by interplay between RNA polymerases on DNA
P12	Kevin Faircloth	M.E.E.D. Universal Llc.	Please stop to tie your shoe; Perhaps it's your only chance to see the *Quantitative Spidery Profiling* before walking into its web
P13	Chikara Furusawa	RIKEN QBiC	Toward Understanding of Biological Plasticity: Computational Analysis and Experimental Evolution
P14	Takaaki Horinouchi	RIKEN QBiC	<i>Escherichia coli</i> cellular state profiling during adaptive evolution to various stress conditions using omics technology
P15	Indra Kusuma	Universitas YARSI	Protective effect of trehalose as an intracellular cryomedium (CD271+) in mesenchymal stem cells cryopreservation
P16	Takanori Sano	University of Tokyo	Selective Control of Upregulated and Downregulated Genes by Temporal Patterns and Doses of Insulin
P17	Taro Furubayashi	Osaka University	Decoding host-parasite evolutionary arms-race through in vitro evolution of a simple RNA replication system
P18	Akira Komatsubara	Kyoto University	Quantification of endogenous protein concentration by CRISPR/Cas9-mediated knock-in and fluorescence correlation spectroscopy
P19	Haruko Miura	Kyoto University	Single cell analysis of stress signaling dynamics in a life-death decision
P20	Ahmed Ali	RIKEN QBiC	Absolute Molecular Quantitation of a Single Cell by Live Single Cell Mass Spectrometry
P21	Hiroki Ura	RIKEN BRC	Comprehensive study on naive-to-primed stem cell conversion process by integration of single-cell transcriptomics and epigenomic analyses
P22	Hideyuki Tanabe	SOKENDAI	Spatial organization of chromosome territories and repetitive DNA sequences in human and gibbon cell nuclei
P23	Yoshihiro Shimizu	RIKEN QBiC	Body time detection by a novel protein quantification method using mass spectrometry and cell-free protein synthesis system
P24	Taisaku Ogawa	RIKEN QBiC	A Study of the coordination dynamics between cell division and differentiation by DECODING hematopoietic cells
P25	Jianshi Jin	RIKEN QBiC	Decoding human health by microbiota distribution using single cell barcoding technique

P26	Jiro Adachi	RIKEN QBiC	Proteomic analysis of E. coli based cell-free protein synthesis
P27	Shimpei Kubota	University of Tokyo	Quantitative cell profiling with whole-organ imaging
P28	Ruiyao Cai	Ludwig Maximilian University of Munich	Sub-cellular imaging of intact adult rodent bodies using uDISCO tissue clearing
P29	Yusuke Azuma	RIKEN QBiC	Quantitative analysis of variability of cellular dynamics in C. elegans embryogenesis
P30	Hiroko Yukinaga	RIKEN QBiC	CUBIC-Map: Whole Brain Cellular Activity Mapping Associated with Sleep/wake Phenotypes
P31	Takeyuki Miyawaki	University of Tokyo	A Vascular Niche for Highly Active Neurons
P32	Shigenori Inagaki	Osaka University	Development of a chemiluminescent voltage indicator applicable to brain activity recording in freely moving mice
P33	Karen Simonyan	Orbeli Institute of Physiology NAS RA	Neuroprotective action of hydroponic Teucrium polium in A β ₂₅₋₃₅ -induced neurodegeneration in rats
P34	Lilit Darbinyan	Orbeli Institute of Physiology NAS RA	Rotenone-induced Rat Model of Parkinson's Disease
P35	Nobuyuki Tanaka	RIKEN QBiC	Automatic classification with supervised machine learning for hMSC patterned differentiation
P36	Yukio Imamura	RIKEN QBiC	Near-infrared fluorescence imaging and transcriptome for pathological analysis