

Poster Presentation

P01

“Development of Two-photon Wide-field Light Sheet Microscopy”

Takeshi Imamura (Ehime University, Japan)

P02

“Common and Unique Construction Rules Across Axospinous Synapses in the Mouse Brain Revealed by FIB-SEM Imaging”

Yugo Fukazawa (University of Fukui, Japan)

P03

“Map7D1, a Regulator of Microtubule-Wnt/PCP Network, is Involved in Mammalian Tissue Morphogenesis”

Koji Kikuchi (Kumamoto University, Japan)

P04

“Imaging Support in Nikon Imaging Center at Hokkaido University”

Motosuke Tsutsumi, (Hokkaido University, Japan)

P05

“Craniofacial Abnormality and Skeletal Dysplasia with Down-regulation of Collagen Expressions in Mice Lacking Chondroitin Sulfate N-acetylgalactosaminyltransferase-1”

Kosei Takeuchi (Aichi Medical University, Japan)

P06

“MR Neuroimaging of Mouse Model Using Ultra-High-Field MRI”

Keigo Hikishima (Okinawa Institute of Science and Technology Graduate University, Japan)

P07/ST4

“Real-time Polarization Resolved Imaging for Living Mice Tissues by Two-photon Excitation Spinning Disk Confocal Microscopy”

Kohei Otomo (Hokkaido University, Japan)

P08

“CLASP Stabilization of Plus Ends Created by Severing Promotes Microtubule Creation and Reorientation”

Masayoshi Nakamura (Nagoya University, Japan)

P09

“Self-Organization of Ellipsoidal-Shaped Microgels at the Air/water Interface”

Kenshiro Honda (Shinshu University, Japan)

P10

Cancelled

P11

“Cytoplasmic Penetration and Intercellular Contact through Disrupted Glomerular Basement Membrane: Three-Dimensional Analyses on IgA Nephropathy by Serial Block-Face Scanning Electron Microscopy”

Masaaki Nagai (Narita Memorial Hospital, Japan)

P12

“Synthesis and Characterization of Artificial Nanocomposite Microgels”

Takumi Watanabe (Shinshu University, Japan)

P13

“Collective Cell Movement in Visceral Endoderm During The A-P Axis Formation in A Pregastrula Mouse Embryo”

Go Shioi (RIKEN BDR, Japan)

P14

“Two-photon Spinning Disk Microscopy Reveals Steps of Chromosome Alignment during Mitotic Spindle Formation in Plant Cells”

Takashi Murata (National Institute for Basic Biology, Japan)

P15

“Analysis of Temperature Dynamics Using Fluorescent Thermoprobe”

Joe Sakamoto (National Institute for Basic Biology, Japan)

P16

“Elucidation of the Aurora Kinase Function During Mitosis and Cytokinesis in *Pyscomitrella patens*”

Ken Kosetsu (National Institute for Basic Biology, Japan)

P17/ST1

“Super-resolution Imaging of Mitochondrial Inner-membrane in Living Cells”

Masayasu Taki (Nagoya University, Japan)

P18

“Investigation for Functions of EGF Family ligands in Collective Cell Migration”

Daiki Hirayama (Kyoto University, Japan)

P19/ST5

“Imaging Protein Activity by 2-photon Fluorescence Lifetime Imaging Microscopy”

Hideji Murakoshi (National Institute for Physiological Sciences, Japan)

P20

“Control of AMP-Activated Protein Kinase by Optogenetic Protein Clustering “

Kenju Kobachi (Kyoto University, Japan)

P21

“Development of FRET Biosensors Comprised of Longer Wavelength Fluorescence Proteins”

Tetsuya Watabe (Kyoto University, Japan)

P22

“Distribution of Dendritic Cells and Its Clusters in Oral Mucosa”

Michio Tomura (Osaka Ohtani University, Japan)

P23

“Development of a Genetically Encoded Photo-activatable CaMKII and Its Application to the Study of Synaptic Plasticity”

Akihiro Shibata (National Institute for Physiological Sciences, Japan)

P24/ST2

“Microtubule Dynamics and Centrin-Related Proteins in the Haptonema of Haptophyte Algae”

Ryuji Yanase (University of Tsukuba, Japan)

P25

“Towards 7 Color Rainbow STED Nanoscopy With Adaptive Illumination Without Spectral Unmixing”

Nozomu Nozoe (Cornes Technologies, Japan)

P26

“Two Photon Imaging and Its Application to the Study of Neuronal Circuit Remodeling”

Masakazu Agetsuma (National Institute for Physiological Sciences, Japan)

P27

“Mechanisms Underlying the Maintenance of Planar Cell Polarity”

Masaki Arata (National Institute for Basic Biology, Japan)

P28

“Analysis of the Effect of a Novel Olig2-Binding Factor on the Oligodendrocyte Differentiation and Myelination in Central Nervous System”

Norihisa Bizen (Niigata University, Japan)

P29/ST6

“Blood Vessel-guided Neuronal Migration in the Adult Olfactory Bulb”

Takashi Ogino (Nagoya City University Graduate School of Medical Sciences, Japan)

P30

“Glyoxal Fixative is Effective for Immunohistochemical Detection of Synaptic Molecules”

Kohtarou Konno (Hokkaido University, Japan)

P31/ST3

“From Nano to Macro: Advanced Imaging Techniques for Neuroscience Applications”

Shinya Komoto (Okinawa Institute of Science and Technology Graduate University, Japan)

P32

“Three-Dimensional Analyses of Mitochondria in Rat Spermatogenic Cells with SBF-SEM”

Tomohiko Wakayama (Kumamoto University, Japan)

P33

“Optical Control of Cell Signaling by the Fully-Genetically Encoded PhyB-PIF System in Human Cells, Yeast and Worms”

Kazuhiro Aoki (National Institute for Basic Biology, Japan)

P34

“Visualization of Organelle Dynamics During Spermiogenesis in the Liverwort, *Marchantia polymorpha*”

Naoki Minamino (National Institute for Basic Biology, Japan)

P35

“Long-term Intravital Imaging for Spermatogenesis in a Murine Testis”

Toshiyuki Sato (National Institute for Basic Biology, Japan)

P36

“Analysis of Three Dimensional Flow Distribution at the Node of Mouse Embryo Using Light-sheet Microscopy”

Atsushi Taniguchi (National Institute for Basic Biology, Japan)