

Poster Presentation

P01

“Quantitative analyses of microtubule dynamics reveal mechanism of plant cytokinesis”

Takashi Murata (National Institute for Basic Biology, Japan)

P02

“Reporter Mouse Lines for Live Imaging”

Go Shioi (RIKEN Center for Developmental Biology, Japan)

P03

“Evaluation of Localization Algorithm of High-Density Fluorophores, ‘Wedged Template Matching’”

Shigeo Watanabe (Hamamatsu Photonics K.K., Japan)

P04

“Visualization of cell cycle in mouse embryos with Fucci2 Reporter directed by *Rosa26* promoter”

Takaya Abe (RIKEN Center for Developmental Biology, Japan)

P05

“Quantitative Image-Based Analysis of Cooperative Dynamics of Actin Cytoskeleton and Cell Membrane in Cell Shape Determination”

Hiromi Miyoshi (RIKEN Advanced Science Institute, Japan)

P06

“Mechanical modeling for fold morphogenesis in the mouse oviduct”

Hiroshi Koyama (National Institute for Basic Biology, Japan)

P07

“Abnormal Chromosome Segregation at Early Cleavage is a Major Cause of the Full-term Developmental Failure of Mouse Clones”

Kazuo Yamagata (Osaka University, Japan)

P08

“Monitoring early Embryogenesis with Single-Plane Illumination Microscopy”

Philipp Struntz (University of Bayreuth, Germany)

P09

“Quantitative Analysis of Intracellular Organelle Movements during Cytoplasmic Streaming in *C. elegans* Early Embryos”

Kenji Kimura (National Institute of Genetics, Japan)

P10

“Simulation Study Of Chromosome Dynamics Inside The Cell Nucleus: Clarifying The Mechanics Underlying The Anomaly Of Chromatin Diffusion”

Takeshi Sugawara (National Institute of Genetics, Japan)

P11

“Characterization of early secretory pathway regulators”

Fatima Verissimo (European Molecular Biology Laboratory, Germany)

P12

“Live-cell Measurements of Dissociation Constants of Signaling Molecules Comprising of the EGFR-Ras-ERK MAP Kinase Cascade by FCCS”

Wakako Sadaie (Kyoto University, Japan)

P13

“Morphometric Analysis of Tracheal Placode Invagination”

Kagayaki Kato (RIKEN Center for Developmental Biology, Japan)

P14

“Understanding the characteristics of intracellular reaction space from the point of view of bio-molecular organization using spatial simulation”

Takahiro Okuhara (Keio University, Japan)

P15

“The autophagosome forms at ER-mitochondria contact sites”

Maho Hamasaki (Osaka University, Japan)

P16

“Modeling of Cell Proliferation for Simulating Tissue Morphogenesis Based on Multicellular Dynamics”

Satoru Okuda (Kyoto University, Japan)

P17

“Numerical Investigation for *in vivo* Oriented Modeling in 3D Crowded Space”

Takeshi Kubojima (Keio University, Japan)

P18

“Global Force Balance Promotes Ordering in Hexagonal Cell Packing”

Kaoru Sugimura (Kyoto University, Japan)

P19

“Understanding the Role of *Wnt5a* in the Morphogenesis of the Vertebrate Body Plan”

Rieko Ajima (National Institute of Genetics, Japan)

P20

“Development of Adaptive Optics Microscopy for Fine Live Imaging”

Yosuke Tamada (National Institute for Basic Biology, Japan)

P21

“Global Optimization for Intracellular Objects Tracking”

Ayumi Hamano (Kyushu University, Japan)

P22

“Application of fluorescence lifetime imaging to quantify the milieu of organelles in living cells”

Nisha Pawar (University of Bayreuth, Germany)

P23

“Spermatogonial Stem Cell Dynamics in Mouse Testis”

Kenshiro Hara (National Institute for Basic Biology, Japan)