

Poster Presentation

P01

"Development and application of a new optogenetic system to manipulate intracellular contractile force"

Kei Yamamoto (NIBB, Japan)

P02

"Temporal dynamics of protein complex formation and dissociation during human cytomegalovirus infection"

Yutaka Hashimoto (Nagoya City University, Japan)

P03

"Visualizing the role of boundary elements in enhancer-promoter communication"

Moe Yokoshi (Institute for Quantitative Biosciences (IQB), The University of Tokyo, Japan)

P04

"Three-dimensional morphological diversity explained by the effective physical properties of cell-cell interaction in living organisms"

Hiroshi Koyama (NIBB, Japan)

P05

"Kinesin transport on microtubules studied by HS-AFM"

Christian Ganser (ExCELLS, Japan)

P06

"Difference in Dachsous Levels between Migrating Cells Coordinates the Direction of Collective Cell Migration"

Masaki Arata (NIBB, Japan)

P07

"How does Wnt regulate planar cell polarity?"

Yusuke Mii (NIBB, Japan)

P08

"Optogenetic manipulation of cell cycle in fission yeast"

Yuhei Goto (NIBB, Japan)

P09

"Mechanosensor channel PIEZO1 is essential for lymphatic valve formation"

Keiko Nonomura (NIBB, Japan)

P10

"Dynamics of photosystem II protein complexes as observed by high-speed atomic force microscopy"

Takaya Tokano (Nagoya University Graduate School of Science, Japan)

P11

"Data assimilation on continuum description of tissue mechanics"

Yohei Kondo (NIBB, Japan)

P12

"Enhancer activities of amphioxus Brachyury genes in the ciona embryos"

Hiroki Takahashi (NIBB, Japan)

P13

"The mechanism of Serratia mercescens chitinase A high activity mutant analyzed by Single-molecule imaging"

Akasit VISOOTSAT (IMS/SOKENDAI, Japan)

P14

"Actomyosin tension at adherens junctions inhibits proliferation and promotes differentiation of keratinocyte carcinoma cells"

Oleg Dobrokhotov (Nagoya University, Japan)

P15

"FRET Imaging Analysis of RB Phosphorylation and Cell Cycle Progression"

Masaya Mukai (NIBB, Japan)

P16

"Multiplexed chemical control of signaling pathways by orthogonal self-localizing ligand-induced protein translocation (SLIPT) systems"

Akinobu Nakamura (ExCELLS, Japan)

P17

"Crystalline chitin hydrolase is a Burnt-bridge Brownian motor"

Akihiko Nakamura (IMS, Japan)

P18

"Junctional tension fluctuations and accompanying molecular behaviors involved in epithelial cell boundary deformations"

Yusuke Hara (Keio University, Japan)

P19

"Evaluation of processivity and unidirectionality of artificial kinesin-1 oligomers"

Kimitoshi Takeda (IMS, Japan)

P20

"Multi-color and high-speed imaging of single biomolecules with plasmonic nanoparticles"

Jun Ando (IMS, Japan)

P21

"Analysis of nodal flow by three-dimensional particle image velocimetry"

Atsushi Taniguchi (NIBB, Japan)

P22

"Study on left-right bias in arrangements of basal body-associated proteins in mouse node cilia"

Hiroshi Yoke (NIBB, Japan)

P23

"Quantitative analysis and mechanical modeling for epithelial tissue morphogenesis"

Yoshihiro Morishita (RIKEN BDR, Japan)

P24

"Molecular mechanisms for the spatio-temporal regulation of somite boundary formation in zebrafish"

Taijiro Yabe (NIBB, Japan)

P25

"Mechanism and significance of morphological change of Wnt producing cells in the mouse spinal cord"

Takuma Shinozuka (NIBB, Japan)

P26

"Live-cell quantification of endogenous protein interactions by genome editing technique and fluorescence cross-correlation spectroscopy"

Kazuhiro Aoki (NIBB/ExCELLS/IRCC-QIB, Japan)

P27

"Mechanical force activates FGFR/Erk2 signaling to regulate epithelial tissue integrity in early Xenopus embryos"

Noriyuki Kinoshita (NIBB, Japan)

P28

"Mechanical regulation of closing movement and morphology of Xenopus neural tube"

Makoto Suzuki (NIBB, Japan)

P29

"Advanced Bioimaging Support (ABiS) platform in Japan"

Shoji Mano (NIBB, Japan)