Poster Presentation

P01
"The Evolution of Early Mammalian Development: A Marsupial Perspective"
Stephen Frankenberg (University of Melbourne, Australia)

P02
"Cell Polarity, Angiomotin and the Hippo Pathway: Mechanisms of Cell Fate Determination in Preimplantation Embryos"
Yoshikazu Hirate (IMEG, Kumamoto University, Japan)

P03
"Strawberry Notch1, a Helicase-Related Factor, Is Required for Development of Mouse Preimplantation Embryo"
Yusuke Watanabe (IDAC, Tohoku University, Japan)

P04
"TLE6 is Required for the Subcortical Maternal Complex that Controls the Symmetric Division of Mouse Zygote by Regulating F-actin Dynamics"
Lei Li (Institute of Zoology, Chinese Academy of Sciences, China)

P05
"Serial Analysis of Gene Expression Patterns and Cell Movement in Mouse Preimplantation Embryos by Live-cell Imaging"
Toyooka Yayoi (National Institute for Basic Biology, Japan)

P06
"Origin of Anterior-Posterior Axis Formation in the Mouse Embryos"
Katsuyoshi Takaoka (Osaka University, Japan)

P07
"The Role of External Mechanical Cues in the Establishment of the Anterior-posterior Axis in Early Mouse Embryos"
Ryuji Hiramatsu (Osaka Medical Center and Research Institute for Maternal and Child Health, Japan)

P08
"Live Imaging Analysis of Mouse Postimplantation Development"
Go Shioi (RIKEN Center for Developmental Biology, Japan)

P09
"Asymmetric Calcium Signals in the Node of Mouse Embryo During the Initial Left-right Axis Formation"
Shigenori Nonaka (National Institute for Basic Biology, Japan)

P10
"Histological Observation of Developing Mouse Embryos in the Uterus"
Sanae Oka (National Institute for Basic Biology, Japan)

P11
"Laminin-integrin Interaction is Indispensable for Early Embryonic Development"
Daiji Kiyozumi (Osaka University, Japan)

P12
"Molecular Identification of a Recessive Lethal Gene in *t* Complex -Essential Role of *Vps52* in Early Mouse Embryogenesis-"
Michihiko Sugimoto (RIKEN BioResource Center, Japan)

P13
"Regulation of Axial Stem Cells Deriving Neural Plate and Paraxial Mesoderm"
Tatsuya Takemoto (Osaka University, Japan)

P14
"Canonical Wnt Signaling Specifies Neural- and Surface-ectoderm Cell Fates through Grainyhead-like Factors to Coordinate Mammalian Neurulation"
Chiharu Kimura-Yoshida (Osaka Medical Center and Research Institute for Maternal and Child Health, Osaka Prefectural Hospital Organization, Japan)

P15
"Local Apoptosis Modulates Early Mammalian Brain Development Through the Elimination of Morphogen-producing Cells"
Yoshifumi Yamaguchi (The University of Tokyo, Japan)

P16
"Synchronization Dynamics of Mobile Coupled Genetic Oscillators"
Koichiro Uriu (RIKEN, Japan)

P17
"Dynamic Expression of Notch Ligand Dll1 During Development"
Hiromi Shimojo (Kyoto University, Japan)

P18
"Genetic Analysis of the Role of Hedgehog Signaling in the Coordination of Lower Body Formation"
Daisuke Matsumaru (Institute of Advanced Medicine, Wakayama Medical University, Japan)

P19
"Control of the Nose Length by Planar Cell Polarity"
Masakazu Hashimoto (National Institute for Basic Biology, Japan)

P20
"Roles of a Seven-pass Transmembrane Cadherin Celsr1 in Multi-ciliated Epithelial Cells of the Mouse Oviduct"
Dongbo Shi (National Institute for Basic Biology, Japan)

P21
"Mechanical Role of Celsr1-mediated Cell Geometry in Fold Morphogenesis in the Mouse Oviduct"
Hiroshi Koyama (National Institute for Basic Biology, Japan)

P22
"Cell Identity Transitions During Induced Reprogramming to Pluripotency"
Shin-Il Kim (CiRA, Kyoto University, Japan)

P23
"Polycomb Group Protein Pcgf6 Assembles Atypical PRC1 and Recruits PRC2 to Repress Germ Cell-related Genes in Mouse ES Cells"
Mitsuhiro Endoh (RIKEN Center for Integrative Medical Sciences, Japan)

P24
"Live-imaging of the Basement Membranes in Mammalian System"
Sugiko Futaki (Institute for Protein Research, Osaka University, Japan)

P25
"Loss of a Rho-regulated Actin Nucleator, mDia2, Impairs Cytokinesis During Fetal Erythropoiesis"
Sadanori Watanabe (Nagoya University, Japan)

P26
"Contact-mediated Cell Competition Between Cells with Different Tead Activity"
Takashi Sato (IMEG, Kumamoto University, Japan)

P27
"The Circumferential Actomyosin Belt Regulates Epithelial Cell Shape"
Takuji Tanoue (Kobe University, Japan)

P28
"A Transposon-based Approach to Study Three-dimensional Genome Architecture in Mouse Embryonic Stem Cells"
Chikara Kokubu (Osaka University Graduate School of Medicine, Japan)

P29
"Visualization of Cell Cycle in Mouse Embryos with Fucci2 Reporter Directed by *Rosa26* Promoter"
Takaya Abe (RIKEN Center for Developmental Biology, Japan)

P30
"Physiological Roles of a Sorting Receptor Rer1p during Early Embryogenesis in Mice"
Taichi Hara (Institute for Molecular and Cellular Regulation, Gunma University, Japan)

P31
"High-throughput Antibody Screening Device Toward Embryo Assay"
Hiroshi Kimura (Tokai University, Japan)

P32
"Automated Segmentation of Mouse Embryonic Nuclei from Fluorescence Images"
Md. Khayrul Bashar (The University of Tokyo, Japan)

P33
"Feasibility of Application of Image Analysis Methods for *C. elegans* Embryo to Mammalian Embryos"
Yusuke Azuma (RIKEN Quantitative Biology Center, Japan)

P34
"Development of a Mac GUI Application to Visualize Published Raw ChIP-seq data"
Shinya Oki (Kyushu University, Japan)

P35
"Mechanical Force That Drives Expansion Of The Amniotic Cavity Supports Antero-posterior Extension Of The Notochord In Mouse Embryos"
Yu Imuta (Kumamoto University, Japan)

P36
"Unique Endocytic Pathway in Early Mouse Embryos and its Implication in Signal Regulation"
Yoh Wada (Osaka University, Japan)

P37
"LIF Responsiveness in Embryonic Stem Cells (ESCs) of Different Genetic Background of Mouse Strains"
Satoshi Ohtsuka (RIKEN Center for Developmental Biology, Japan)