

- P01-A**      **How to make twins – Novel insights into axis formation in amniotes**  
Cantas Alev (RIKEN Center for Developmental Biology, Japan)
- P02-A**      **Steroid hormone-dependent control of mating-induced germline stem cell proliferation in female *Drosophila melanogaster***  
Tomotsune Ameku (University of Tsukuba, Japan)
- P03-B**      **Understanding timing mechanisms for orderly neuronal connectivity in development and regeneration decline in aging**  
Chieh Chang (University of Illinois at Chicago, USA)
- P04-B**      **A new model for *Drosophila* segmentation incorporating temporal regulation**  
Erik Clark (University of Cambridge, UK)
- P05-A**      **Mechanics of leaf vein development**  
Jonathan E. Dawson (Max Planck Institute for Dynamics and Self-Organization, Göttingen, Germany)
- P06-A**      **Robo1 regulates dendritic development of neocortical pyramidal neurons**  
Yuko Gonda (RIKEN Center for Developmental Biology, Japan)
- P07-B**      **Madagascar ground gecko, a newly established animal for elucidation of morphological diversification in amniotes**  
Yuichiro Hara (RIKEN Center for Life Science Technologies, Japan)
- P08-B**      **Comparative systems biology of dietary responses among *Drosophila* species**  
Yukako Hattori (Kyoto University, Japan)
- P09-A**      **Timing of skeletal muscle development during primary body wall transformation in amniote embryos**  
Tatsuya Hirasawa (RIKEN, Japan)
- P10-A**      **Optimal growth schedule of holometabolous insects**  
Ken-ichi Hironaka (RIKEN Quantitative Biology Center, Japan)
- P11-B**      **Single-cell robustness of mammalian genetic oscillators revealed by optogenetic perturbation**  
Akihiro Isomura (Kyoto University, Japan)

- P12-B Nasal airflow entrains glomerulus-specific theta oscillations for phase odor coding**  
Ryo Iwata (RIKEN Center for Developmental Biology, Japan)
- P13-A Deubiquitinating enzymes regulate Hes1 stability and neuronal differentiation**  
Taeko Kobayashi (Kyoto University, Japan)
- P14-A Statistical constrains in micro-evolution**  
Tetsuya J. Kobayashi (The University of Tokyo, Japan)
- P15-B Spatial and temporal regulation of neural stem cell identity in the mammalian cerebral cortex by Dmrt family transcription factors**  
Daijiro Konno (RIKEN Center for Developmental Biology, Japan)
- P16-B Development and evolutionary origin of the neocortex**  
Takuma Kumamoto (RIKEN Center for Developmental Biology, Japan)
- P17-A Sequence informatics for evolution-aware molecular zoology**  
Shigehiro Kuraku (RIKEN Center for Life Science Technologies, Japan)
- P18-A Generation of a ciliary margin-like stem cell niche from self-organizing human retinal tissue**  
Atsushi Kuwahara (RIKEN Center for Developmental Biology, Japan)
- P19-B Chemical Mechanism of Cell Transmembrane Signal Transduction**  
Baoquan Liu (Dalian Nationalities University, China)
- P20-B Investigating the error correction mechanisms that enable precise developmental patterning**  
Zairan Liu (University of California, San Francisco, USA)
- P21-A Genesis of asymmetry through reconstituted lateral inhibition**  
Mitsuhiro Matsuda (RIKEN Quantitative Biology Center, Japan)
- P22-A Multiple roles of reelin in neuronal migration and layer formation: beyond the simplistic view**  
Nieves Mingo-Moreno (University Medicine Göttingen, Germany)
- P23-B A theory on the timing of cell fate decision in developing organs**  
Yoshihiro Morishita (RIKEN Quantitative Biology Center, Japan)
- P24-B A metabolic profile of fasted mice**  
Eri Muta-Minamino (Kyoto University, Japan)

- P25-A**      **miR-29: A molecular timer that accelerates the aging program**  
Ayumi Nakamura (University of North Carolina at Chapel Hill, USA)
- P26-A**      **Novel mechanism for regulating BAF complex composition during neural development: unexpected roles of an E3 ubiquitin ligase**  
Ramanathan Narayanan (Universitätsmedizin Göttingen, Germany)
- P27-B**      **Apcdd1 for epithelial rearrangements in molar development**  
Sanjiv Neupane (Kyungpook National University, Korea)
- P28-B**      **Determination of pupation timing by biological timer in fat body during prepupal period in *Drosophila melanogaster***  
Haruka Nishida (Okayama University, Japan)
- P29-A**      **A catalytic step-specific transcriptional regulation of steroid hormone biosynthesis is essential for developmental timing in *Drosophila melanogaster***  
Ryusuke Niwa (University of Tsukuba, Japan)
- P30-A**      **Evolution of transcriptional regulations underlying species-specific neuronal diversities in amniote brains**  
Tadashi Nomura (Kyoto Prefectural University of Medicine, Japan)
- P31-B**      **Multiple developmental pathways to the wingless aphids: adaptive significance of the timing for histolysis and developmental suppression**  
Kota Ogawa (National Institute for Basic Biology, Japan)
- P32-B**      **Signaling relay and feedback mechanisms control the nutrient-dependent production of insulin-like peptides**  
Naoki Okamoto (RIKEN Center for Developmental Biology, Japan)
- P33-A**      **Evolution of the vertebrate head through a heterotopic shift in ancestral mesodermal patterning**  
Takayuki Onai (RIKEN, Japan)
- P34-A**      **An event during metamorphic process is triggered by steroid hormone independently from developmental timeline in *Drosophila melanogaster***  
Hajime Ono (Kyoto University, Japan)
- P35-B**      **Exploring the development and evolution of the crustacean eye**

Ana Patricia Ramos (Institut de Génomique Fonctionnelle de Lyon, École Normale Supérieure de Lyon, France)

- P36-B**      **Periodic regulation of embryonic body axis elongation revealed by quantitative live imaging and mathematical modeling**  
Takashi Saitou (Ehime University Hospital, Japan)
- P37-A**      **Bivalent separation into univalents is the major cause of age-related meiosis I errors in oocytes**  
Yogo Sakakibara (RIKEN Center for Developmental Biology, Japan)
- P38-A**      **Transcriptome profiling of a key morphological innovation: the propelling fan of the water walking bug *Rhagovelia obesa***  
M. Emília Santos (Institut de Génomique Fonctionnelle de Lyon, France)
- P39-B**      **Neural Tube Pattern Formation by the Timing of Inductive Signals**  
Noriaki Sasai (MRC, National Institute for Medical Research, UK)
- P40-B**      **The endoplasmic reticulum chaperones control canalization of animal development under environmental stress**  
Atsuko Sato (Ochanomizu University, Japan)
- P41-A**      **Mathematical modeling and genetic analysis of the wave of differentiation in the *Drosophila* visual center**  
Makoto Sato (Kanazawa University, Japan)
- P42-A**      **Serotonergic neurons respond to nutrients and regulate the timing of steroid hormone biosynthesis in *Drosophila melanogaster***  
Yuko Shimada-Niwa (University of Tsukuba, Japan)
- P43-B**      **Pace control of neurogenesis regulated by transient retention of the apical endfoot of differentiating cells via Notch signaling**  
Kenji Shimamura (Kumamoto University, Japan)
- P44-B**      **Dynamic expression of Notch ligand Dll1 during development**  
Hiromi Shimojo (Kyoto University, Japan)
- P45-A**      **How leaf mimicry in butterfly wing patterns evolved?**  
Takao K Suzuki (National Institute of Agrobiological Sciences, Japan)
- P46-A**      **miR-29 is essential for brain maintenance but not its development**  
Vijay Swahari (University of North Carolina at Chapel Hill, USA)

- P47-B Conversion of temporal periodicity into spatial pattern during somitogenesis**  
Shinji Takada (National Institute for Basic Biology, Japan)
- P48-B A two-step regulatory mechanism determines the timing of upper-layer neurogenesis in the cerebral cortex**  
Kenichi Toma (RIKEN Center for Developmental Biology, Japan)
- P49-A Interorgan communication controlling size of neuronal dendritic arbors in response to nutritional restriction**  
Tadashi Uemura (Kyoto University, Japan)
- P50-A Sp1/3 sustain self-renewal of Embryonic stem cell through regulating core Klf circuitry**  
Hiroki Ura (RIKEN Center for Developmental Biology, Japan)
- P51-B Synchronization of coupled genetic oscillators promoted by collective cell movement**  
Koichiro Uriu (RIKEN, Japan)
- P52-B A damped oscillator governs posterior gap gene patterning in *Drosophila melanogaster***  
Berta Verd (Centre for Genomic Regulation, Spain)
- P53-A Dynamics of Shh interpretation and response by single neural progenitors *in vivo***  
Fengzhu Xiong (Harvard Medical School, USA)
- P54-A How fish clock makes somite**  
Taijiro Yabe (National Institute for Basic Biology, Japan)
- P55-B Random matrix theory analysis of time development of macromolecule**  
Masanori Yamanaka (Nihon University, Japan)
- P56-B Complex evolutionary trajectories of sex chromosomes across bird taxa**  
Qi Zhou (University of California, Berkeley, USA)
- P57-A Programs for Junior Scientists at RIKEN**  
Yunike Shimizu (RIKEN Global Relations and Research Coordination Office, Japan)