Posters

P01 The grey short-tailed opossum embryo: from fertilisation to birth *in vitro*

Aurélien Courtois (RIKEN Centre for Developmental Biology, Japan)

P02 Axolotl salamander (*Ambystoma mexicanum*), a model animal for 4D analysis of embryogenesis

Susan Crawford-Young (Red River College, Canada)

P03 Unique and conserved functions for cannabinoids in the developing visual projection in *Xenopus laevis* tadpoles

Tamira Elul (Touro University California, USA)

P04 Tail-to-head neuronal wiring underlying temperature acclimation of C. elegans

Satoko Fujii (Konan University, Japan)

P05 Madagascar ground gecko, yet another experimental system for amniotes

Yuichiro Hara (RIKEN Center for Life Science Technologies, Japan)

P06 Does adult facial anatomy reflect embryonic primordial composition? A perspective on the mammalian craniofacial morphogenesis

Hiroki Higashiyama (The University of Tokyo, Japan)

P07 Ecology, evolution, and development of dentition asymmetry in snaileating snakes

Masaki Hoso (Kyoto University, Japan)

P08 Epigenetic reprogramming of the marsupial germline

Teruhito Ishihara (The University of Melbourne, Australia)

P09 Homing CRISPR barcodes for lineage tracing in mouse

Reza Kalhor (Harvard Medical School, USA)

P10 Does giraffe kinesin move faster than mouse?

Taketoshi Kambara (RIKEN Quantitative Biology Center, Japan)

P11 Sex change in slipper limpets

Maryna Lesoway (University of Illinois at Urbana Champaign, USA)

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P13 Multiplexed programming of cell fates using a comprehensive human transcription factor library

Alex H.M. Ng (Harvard Medical School, USA)

P14 The evolution of appendicular muscles formation by migrating muscle precursors in vertebrates: perspectives from the catshark

Eri Okamoto (Tokyo Institute of Technology, Japan)

P15 The regulatory mechanism provoking the robust avoidance behavior by small conductance Ca²⁺-activated K⁺ channels in *Drosophila* larval nociceptive neurons

Koun Onodera (Kyoto University, Japan)

P16 New fish models to assess developmental modularity of craniofacial diversity

Anna Pospisilova (Charles University in Prague, Czech Republic)

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P18 Molecular developmental plan of cyclostome hindbrain: towards acquisition of the gnathostome cerebellum

Fumiaki Sugahara (Hyogo College of Medicine, Japan)

P19 The primitive streak is not a conserved structure in amniote development

Guojun Sheng (Kumamoto University, Japan)

P20 Evolution and development of the beak-like dentition in pufferfish

Takanori Shono (Konan University, Japan)

P21 Morphological novelty in the vertebrate limb created by the water-toland transition

Mikiko Tanaka (Tokyo Institute of Technology, Japan)

P22 Independent subfunctionalization of *brachyury* paralogs in vertebrate lineages

Yuuri Yasuoka (Okinawa Institute of Science and Technology, Japan)