Thursday, October 19 (Day 1)

9:00-10:00  Registration

10:00-10:10  Welcoming Address by Carina Hanashima

Session 1: Twisting the Patterns
Chair: Carina Hanashima

10:10-10:40  S1-1
How to break the vertebrate body plan: implications from the goldfish evodevo
Kinya G. Ota (Academia Sinica, Taiwan)

10:40-11:00  S1-2*
Using quail-duck chimeras to reveal developmental mechanisms linking form and function during jaw evolution
Richard Schneider (University of California at San Francisco, USA)

11:00-11:30  S1-3
“My what big feet you have!” Scaling skeletal proportion during limb development and evolution
Kimberly Cooper (University of California San Diego, USA)

11:30-12:00  Coffee Break

Session 2: Evolution and Development
Chair: Hidehiko Inomata

12:00-12:30  S2-1
Turtle, the vertebrate with a novel musculoskeletal pattern
Shigeru Kuratani (Evolutionary Morphology Laboratory, RIKEN, Japan)

12:30-13:00  S2-2
Molecular embryology of bats
Richard R. Behringer (University of Texas MD Anderson Cancer Center, USA)

*Selected Talks
13:00-14:00  
*Selected Talks*

14:00-15:30  
**Poster Session**  
14:00-14:45  Odd-numbered posters  
14:45-15:30  Even-numbered posters

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**Session 2: Evolution and Development**  
Chair: Hidehiko Inomata

15:30-15:50  
S2-3*  
**The primitive streak is not a conserved structure in amniote development**  
Guojun Sheng (Kumamoto University, Japan)

15:50-16:20  
S2-4  
**Mavericks, new models for chordate evolution and regeneration**  
Billie J. Swalla (University of Washington, USA)

16:20-16:50  
*Coffee Break*

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**Session 3: Ecology and Adaptation**  
Chair: Shigeru Kuratani

16:50-17:20  
S3-1  
**Symbiosis for cuticle hardness of beetles**  
Takema Fukatsu (National Institute of Advanced Industrial Science and Technology, Japan)

17:20-17:50  
S3-2  
**Evolution of movement and carnivory in flowering plants**  
Mitsuyasu Hasebe (National Institute for Basic Biology, Japan)

17:50-20:30  
*Banquet*

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*Selected Talks*
Friday, October 20 (Day 2)

Session 4: New Faces in Mavericks
Chair: Hironobu Fujiwara

9:30-10:00  S4-1
Mavericks: Marsupials and Monotremes as models in developmental biology
Marilyn B Renfree (The University of Melbourne, Australia)

10:00-10:20  S4-2*
Sex change in slipper limpets
Maryna Lesoway (University of Illinois at Urbana Champaign, USA)

10:20-10:50  S4-3
African spiny mice (*Acomys*) as an emerging model of epimorphic regeneration in mammals
Ashley W. Seifert (University of Kentucky, USA)

10:50-11:20  Coffee Break

Session 5: Colors and Patterns
Chair: Shigeo Hayashi

11:20-11:50  S5-1
The ladybird beetle as a new model in wing color pattern formation
Teruyuki Niimi (National Institute for Basic Biology, Japan)

11:50-12:20  S5-2
Molecular mechanisms underlying color vision and color formation in dragonflies
Ryo Futahashi (National Institute of Advanced Industrial Science and Technology, Japan)

12:20-12:50  S5-3
Wing plumage patterning and the checkered past of rock pigeons
Michael D. Shapiro (University of Utah, USA)

12:50-13:00  Closing Remarks by Richard Behringer

*Selected Talks