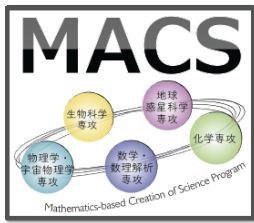


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Kyoto University International Symposium, 2024 “Dynamics in Cell Communications”

Dec 4th (Wed) 2024, 11:00~
Seminar House (North Campus)

11:00 **Masafumi Inaba** (Kyoto Univ)

Global coordination of gut elongation via long-range contractile waves

11:15 **Kouji Kawamura** (Kyoto Univ)

Self-organized patterning of peristaltic waves by macroscopic lateral inhibition

11:30 **Yasuko Akiyama-Oda** (BRH, Osaka)

Quantitative dissection of the spider segmented body plan at single-cell resolution

11:55 **Roberto Mayor** (University College London, UK)

Dynamics of Cellular Interactions during embryo development

12:25 Lunch

13:40 **Kazuhiro Aoki** (Kyoto Univ)

ZO-1 shuttles between tight junctions and podosomes by riding ERK activation waves during collective cell migration

14:05 **Alessandro de Simone** (Université de Genève, Switzerland)

How does a regenerating scale reach its final size and shape?

14:35 **Takahumi Ikeda** (Kyoto Sangyo Univ)

Left-right asymmetry formation by secreted ligands from the left-right organizer in zebrafish embryo

14:50 Break

15:20 **Vanessa Barone** (Stanford Univ, USA)

Cell-cell adhesion and the evolution of mesendoderm patterning in echinoderm embryos

15:50 **Angela Nieto** (CSIC-UMH, Alicante, Spain)

Epithelial plasticity trajectories in neural crest, renal fibrosis and breast cancer evolution

16:20-18:00 General Discussion

Organizer:

Yoshiko Takahashi ex 4102
Grad Sch of Science, Biol, Zoolozy
yotayota@develop.zool.kyoto-u.ac.jp

Biodiversity
Colloquium