SCULPTING LIVING FORM: Mechanotransduction and Development

Symposium Presented by the Developmental Biology Center of the University of Minnesota

Coffman Memorial Union and Theater and President’s Room
300 Washington Avenue Southeast

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Sponsored by The Developmental Biology Center, The Medical School, The College of Biological Sciences, and The Company of Biologists

8:00 – 9:00 am Registration/Check-in and Continental Breakfast in Coffman Theater Lobby
Poster Set-up in the President’s Room (3rd Floor of Coffman)
Register and pick up name tag and program folder (& banquet ticket, if registered)

If you are presenting a poster, please set it up during this time in the President’s Room

9:00 – 9:10 am Welcoming Remarks in Coffman Theater
Hiroshi Nakato, Director, Developmental Biology Center
Department of Genetics, Cell Biology and Development, University of Minnesota

9:10 – 10:00 am Sevan Hopyan
The Hospital for Sick Children, Canada
“Biophysical mechanisms of cell ingression”

10:00 – 10:20 am Break
10:20 – 11:10 am  Elizabeth Haswell
Washington University
“Mechanoperception in the green lineage”

11:10 – 12:00 pm  Carl-Philipp Heisenberg
Institute of Science and Technology, Austria
“Mechanochemical feedback loops in zebrafish embryogenesis”

12:00 – 1:30 pm  Lunch – Mississippi Room, 3rd Floor, Coffman Union

1:00 – 2:30 pm  Poster session in the President’s Room (3rd floor)
Winner will be announced at the banquet (Posters must be removed by 5:00 pm)

2:30 – 3:20 pm  Sally Horne-Badovinac
University of Chicago
“Going in Circles gets you somewhere - the how and why of rotational epithelial migration”

3:20 – 3:30 pm  Break

3:30 – 4:20 pm  Nandan Nerurkar
Columbia University
“Buckling morphogenesis of the small intestine”

4:20 – 5:10 pm  Martha Soto
Rutgers University
“WAVE after WAVE: how polarized branched actin promotes morphogenesis”

BANQUET  A banquet ticket is required to attend the social hour, banquet dinner and lecture.
Location: Weisman Museum

5:30 – 6:30 pm  Reception

6:30 pm  Dinner (Dessert Buffet to follow)
Hiroshi Hamada
Riken Center for Developmental Biology, Japan
“Establishing left-right asymmetry in vertebrates”