

31ST ANNUAL UNIVERSITY OF MINNESOTA DEVELOPMENTAL BIOLOGY SYMPOSIUM



OCTOBER 7-8, 2024 • COFFMAN MEMORIAL UNION • MINNEAPOLIS CAMPUS

COORDINATING DEVELOPMENT: A Celebration of Mike O'Connor's Scientific Network

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

AGENDA - DAY ONE (10/7)

Time	Location	Detail
8:00-9:00 am	Coffman Theater Lobby	Registration*/Check-in and Continental Breakfast in Coffman Theater <i>*If you registered for the Banquet, your ticket is on the back of your name tag along with dietary restriction indicators (if applicable).</i>
8:00-9:00 am	President's Room 3rd Floor, Coffman	If you are presenting a poster, please complete set up during this time in the President's Room
9:00-9:10 am	Coffman Theater	Welcoming Remarks: Hiroshi Nakato Director, Developmental Biology Center University of Minnesota
9:10-9:50 am	Coffman Theater	Robert Braun The Jackson Laboratory <i>"Leveraging the mouse knockout project to discover and translate the Reproductive Genome"</i>
9:50-10:30 am	Coffman Theater	Welcome Bender Harvard Medical School <i>"Following fearless Mike"</i>
10:30-10:50 am		Break
10:50-11:30 am	Coffman Theater	Mark Peifer University of North Carolina <i>"Building the body plan: the miracle of morphogenesis"</i>

Time	Location	Detail
11:30-12:10 pm	Coffman Theater	Norbert Perrimon Harvard Medical School <i>"A holistic understanding of inter-organ communication and metabolic regulation in Drosophila"</i>
12:15-1:15 pm	Mississippi Room 3rd Floor, Coffman	Lunch
1:00-2:30 pm	President's Room 3rd Floor, Coffman	Poster Session Winner announced at Banquet
2:30-3:10 pm	Coffman Theater	Hugo Bellen Baylor College of Medicine <i>"The study of rare pediatric neurological diseases drives discoveries in common diseases"</i>
3:10-3:50 pm	Coffman Theater	Lilliana Attisano University of Toronto <i>"A new role for ALK and LTK in regulating neuronal morphology"</i>
		End Session

BANQUET

A banquet ticket is required to attend the social hour and banquet dinner.
If you have purchased a banquet ticket, your admission is located on the back of your name tag.*

5:30-6:30 pm Weisman Museum Reception

6:30 pm Dinner*

*Dietary restriction indicators, if applicable, are included with your name tag. Dietary restriction cards must be placed on the table where you are seated to alert waitstaff.

AGENDA - DAY TWO (10/8)

Time	Location	Detail
8:00-9:00 am	Coffman Theater Lobby	Registration*/Check-in and Continental Breakfast in Coffman Theater
9:00-9:40 am	Coffman Theater	Osamu Shimmi University of Helsinki <i>"Visualization of cell-cell communication: Drosophila wing as a model for 3D morphogenesis"</i>
9:40-10:20 am	Coffman Theater	Kristi Wharton Brown University <i>"BMP-mediated suppression of neurodegeneration"</i>
10:20-10:40 am		Break
10:40-11:20 am	Coffman Theater	Seth Blair University of Wisconsin <i>"Veins, signals, and axes in the annoying wing of Drosophila"</i>
11:20-12:00 pm	Coffman Theater	Ela Serpe National Institute of Child Health and Human Development <i>"Molecular mechanisms of synapse development and homeostasis"</i>
12:00-12:50 pm		Lunch
1:00-1:40 pm	Coffman Theater	David Umulis Purdue University <i>"Delineating mechanisms of BMP-mediated patterning in embryo and cochlear development"</i>
1:40-2:20 pm	Coffman Theater	Kim Rewitz University of Copenhagen <i>"Nutritional signaling and developmental growth dynamics"</i>
2:20-3:00 pm	Coffman Theater	Naoki Yamanaka University of California, Riverside <i>"Serendipitous finding of a potent inhibitor of steroidogenesis in insects"</i>
3:00-3:20 pm		Break
3:20-4:00 pm	Coffman Theater	Stuart Newfeld Arizona State University

Time	Location	Detail
		<i>"From Saxophone to the 4th chromosome: 30 years of papers with the O'Connor lab"</i>
4:00-4:40 pm	Coffman Theater	Heidi Bretscher University of Minnesota, Twin Cities <i>"TGFβ/Activin signaling links glycogen homeostasis to mtDNA maintenance"</i>
4:40-4:55pm	Coffman Theater	Wrap Up