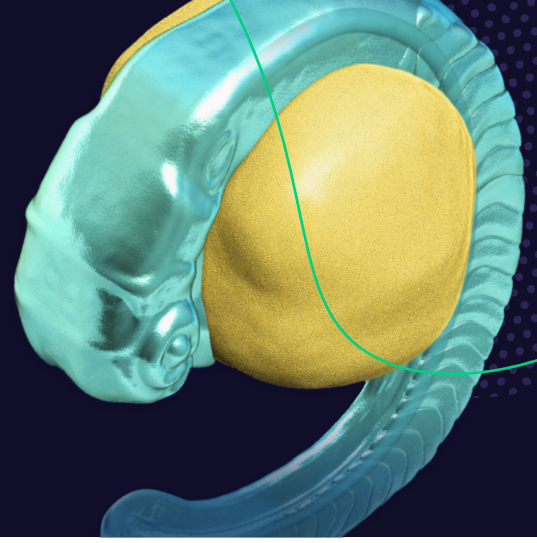


STOWERS RESEARCH CONFERENCES: Developmental Cell Biology

October 23-25, 2024 | Kansas City, MO



All talks will be presented in the Stowers Auditorium

WEDNESDAY, OCTOBER 23

12:30 PM to 2:00 PM | CONFERENCE CHECK-IN & POSTER SET-UP

SESSION 1:

2:00 PM | OPENING REMARK

2:10 PM TO 3:00 PM

KEYNOTE: CAROLE LABONNE & JOSH YORK, NORTHWESTERN UNIVERSITY
Control of Stem Cell Attributes in Early Vertebrate Development

3:00 PM TO 3:15 PM

BREAK

3:20 PM TO 3:50 PM

CHRISTIAN MOSIMANN & HARRISON WELLS, UNIVERSITY OF COLORADO
Lateral thinking in cardiovascular development and disease

3:55 PM TO 4:15 PM

Abstract Talk (15+5)

4:20 PM TO 4:40 PM

Abstract Talk (15+5)

5:15 PM TO 7:00 PM

WELCOME PARTY: LINDA HALL LIBRARY

THURSDAY, OCTOBER 24

9:00 AM TO 9:45 AM | COFFEE/QUICK BREAKFAST

SESSION 2:

9:45 AM | OPENING ANNOUNCEMENT

9:50 AM TO 10:20 AM

LILLIAN FRITZ-LAYLIN & EDGAR MEDINA, UNIVERSITY OF MASSACHUSETTS
Chytrid fungi and the evolution of morphogenesis

10:25 AM TO 10:45 AM

Abstract Talk (15+5)

10:50 AM TO 11:10 AM

Abstract Talk (15+5)

11:10 AM TO 11:25 AM

BREAK

11:30 AM TO 12:00 PM

MARCUS KRONFORST & WEI LU, UNIVERSITY OF CHICAGO
Visual system cell type differences underlying divergent butterfly mate preference

12:05 AM TO 12:25 PM | **Abstract Talk (15+5)**

12:30 AM TO 1:30 PM | **LUNCH: STOWERS LIBRARY**

SESSION 3:

1:40 PM TO 2:10 PM | **DUYGU OZPOLAT, Washington University in St. Louis**
Tissue reprogramming in a simple worm with a complex gut

2:15 PM TO 2:35 PM | **Abstract Talk (15+5)**

2:40 PM TO 3:00 PM | **Abstract Talk (15+5)**

3:00 PM TO 3:15 PM | **BREAK**

3:20 PM TO 3:40 PM | **Abstract Talk (15+5)**

3:45 PM TO 4:05 PM | **Abstract Talk (15+5)**

4:10 PM TO 5:05 PM | **KEYNOTE: MARIANNE BRONNER & JAN ŠTUNDL, CALTECH**
Differential neural crest gene regulatory subcircuits along the body axis

5:10 PM TO 6:40 PM | **POSTER SESSION 1**

6:45 PM | **DINNER: STOWERS LIBRARY**

FRIDAY, OCTOBER 25

SESSION 4:

9:00 AM TO 9:45 AM | **COFFEE/QUICK BREAKFAST**

9:45 AM | **OPENING ANNOUNCEMENTS**

9:50 AM TO 10:20 AM | **BERNA SOZEN & MONIQUE PEDROZA, YALE UNIVERSITY**
A balancing act: Decoupling the coordinators of early human development using a stem cell-based platform

10:25 AM TO 10:45 AM | **Abstract Talk (15+5)**

10:50 AM TO 11:10 AM | **Abstract Talk (15+5)**

11:10 AM TO 11:25 AM | **BREAK**

11:30 AM TO 12:00 PM | **PAWEL BURKHARDT & ANNA FERRAIOLI, UNIVERSITY OF BERGEN**
Tracking the deep evolutionary origins of neurons

12:05 AM TO 12:25 AM | **Abstract Talk (15+5)**

12:30 PM TO 1:30 PM | **LUNCH: STOWERS LIBRARY**

1:30 PM TO 3:00 PM | **POSTER SESSION 2**

SESSION 5:

3:05 PM TO 3:35 PM

MEGAN MARTIK & LARA BUSBY, UNIVERSITY OF CALIFORNIA, BERKELEY
Neural crest and the evolution of the vertebrate "new head"

3:40 PM TO 4:00 PM

Abstract Talk (15+5)

4:05 PM TO 4:25 PM

Abstract Talk (15+5)

4:25PM TO 4:40 PM

BREAK

4:45 PM TO 5:05 PM

Abstract Talk (15+5)

5:10 PM TO 5:40 PM

VANESSA BARONE & JANA SIPKOVA, STANFORD UNIVERSITY
Echinoderm embryos from cell biology to evo-devo

6:00 PM TO 7:30 PM

CLOSING RECEPTION: STOWERS LIBRARY