

"Pop Up" Early Career Symposium

## Stowers Research Conferences: *Evolutionary Developmental Biology III*

Organized By: Nicolas Rohner & Matt Gibson  
Hosts: Jaya Krishnan & Keith Sabin

Wednesday, December 8, 2021

12:00 PM – 3:30 PM US Central Time

10:00 AM – 1:30 PM Pacific US

1:00 PM – 4:30 PM Eastern US

7:00 PM - 10:30 PM CET +1

All talks are 15 minutes followed by 5 minutes for questions

**12 PM**                      **Welcome and Overview**

**12:05 PM – 1:05 PM** **Session 1: Developmental Evolution**

**Brent Hawkins** | Harvard Medical School, Harris Lab

*Latent developmental potential to form limb-like skeletal structures in zebrafish*

**Mirna Marinic** | The University of Chicago, Shubin Lab

*Developmental evolution of mammalian pregnancy*

**Jorge Torres Paz** | Paris-Saclay Institute of Neuroscience, Retaux Lab

*A role for early development on the phenotypic evolution of the Mexican cavefish*

**1:15 PM – 2:15 PM** **Session 2: Growth and Form**

**Min Ya** | Harvard University, Kramer Lab

*Floral meristem termination in *Aquilegia**

**Alice Accorsi** | Stowers Institute, Sánchez Alvarado Lab

**Pomacea canaliculata*: a new research organism to study complex camera-type eye regeneration*

**Patrick Rohner** | Indiana University, Moczek Lab

*Eco-Evo-Devo perspectives on phenotypic variation: The contribution of niche construction and microbial symbionts in the evolution and development of dung beetles*

**2:30 PM – 3:30 PM** **Session 3: Genomic Diversity**

**Andrew Thompson** | Michigan State University, Braasch Lab

*The Genomics of Deep Homology and Convergent Evolution in Fish Developmental Phenotypes*

**Aurélie Hintermann** | University of Geneva, Duboule Lab

*Evolution of *Hoxd* gene regulation in mammals and birds*

**Anna Klompen** | University of Kansas, Cartwright Lab

*Evolution and spatial distribution of venoms in jellyfish and their relatives*

**3:30 PM**                      **Closing Comments**

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