

ECOLOGICAL GENOMICS

Symposium

Schedule of Events

Friday, October 28, 2016

- 6:00—8:00 p.m. Registration in Grand Ballroom Foyer
Poster set-up in Grand Ballroom EFG
- 7:00 p.m. General Session, Grand Ballroom ABCD
- 7:00—7:10 p.m. Introductions and Welcome, **Loretta Johnson & Michael Herman**,
Kansas State University
- 7:10—7:50 p.m. **Christian Landry**, Université Laval, Québec, Canada
Causes and consequences of speciation by hybridization in budding yeast
- 7:50—8:30 p.m. **Joanna Kelley**, Washington State University
Genomics in extreme environments: organisms overwintering in polar
- 8:30—10:00 p.m. Welcome Reception / Poster Session #1, Grand Ballroom EFG

A special area will be reserved for posters presented by undergraduate students.

9:00—9:30 Authors present **EVEN NUMBERED** posters

9:30—10:00 Authors present **ODD NUMBERED** posters

Saturday, October 29, 2016

- 7:30—8:30 a.m. Breakfast Buffet, Grand Ballroom Foyer
- 8:00—10:00 a.m. Registration, Grand Ballroom Foyer
- 8:30—8:40 a.m. General Session, Grand Ballroom ABCD
Announcements — Session Chair: Elizabeth Everman, Kansas State University
- 8:40—9:20 a.m. **Amy Toth**, Iowa State University
Comparative genomics of bees and wasps: insights into the evolution of social behavior
- 9:20—9:40 a.m. Poster Abstract Invited Presentation:
Anthony Brown, Washington State University,
*Genome-scale data reveals that endemic *Poecilia* populations from small sulfidic springs are more diverse and less inbred than populations undergoing range reduction*
- 9:40—10:00 a.m. Poster Abstract Invited Presentation:
Hope Hollocher, University of Norte Dame,
*Unprecedented Eukaryotic Gut Microbiome Diversity within Long-Tailed Macaques (*Macaca fascicularis*) in Southeast Asia*
- 10:00—10:30 a.m. Break
- 10:30—11:10 a.m. **Blake Matthews**, Eawag, Swiss Federal Institute of Aquatic Science and Technology
Experimental evidence for eco-evolutionary dynamics in aquatic systems
- 11:10—11:50 a.m. **Geoffrey P. Morris**, Kansas State University
Ecological genomics as a tool for breeding climate-resilient crops
- 11:50 a.m. — 1:20 p.m. Lunch in the Seville Ballroom
- 1:20 p.m. General Session, Grand Ballroom ABCD
Session Chair: Michi Tobler, Kansas State University
- 1:20—2:00 p.m. **James R. Walters**, University of Kansas
Lepidopteran genomics: sperm proteomes and sex chromosomes
- 2:00—2:20 p.m. Poster Abstract Invited Presentation:
Jenn Brisson, University of Rochester,
Coupling transcriptomics with hormone manipulations to discover the molecular mechanisms underlying aphid phenotypic plasticity
- 2:20—3:00 p.m. **Nadia Aubin-Horth**, Université Laval, Québec, Canada
An integrative approach to study a behavior-modifying parasite and its fish host
- 3:00—5:30 p.m. Poster Session & Refreshments, Grand Ballroom EFG
A special area will be reserved for posters presented by undergraduate students.
- 4:00—4:45 Authors present **ODD NUMBERED** posters
4:45—5:30 Authors present **EVEN NUMBERED** posters
- 7:00 p.m. Banquet at Café Trio, 4558 Main Street, Kansas City, MO

This optional dinner requires an additional fee. Walking instructions will be provided or you may take the hotel shuttle.

Sunday, October 30, 2016

- 8:00—9:00 a.m. Breakfast Buffet, Grand Ballroom Foyer
- Posters may be removed anytime Sunday morning or may remain on display until noon.
- 9:00 a.m. General Session, Grand Ballroom ABCD
Announcements — Session Chair: Joanna Kelley, Washington State University
- 9:00—9:40 a.m. **Kenneth M. Olsen**, Washington University in St. Louis
Cyanogenesis and the genetics of local adaptation in white clover
- 9:40—10:00 a.m. Poster Abstract Invited Presentation:
Nicolas Rohner, Stowers Institute,
Cavefish evolution as a natural model for insulin resistance
- 10:00—10:30 a.m. Break
- 10:30—11:10 a.m. **Suzanne McGaugh**, University of Minnesota
Blind fish provide big insights
- 11:10—11:50 a.m. **Hans Hofmann**, University of Texas at Austin
Genome-scale analyses of individual and species variation in complex behavioral phenotypes
- 11:50 a.m.—12:00 p.m. Closing Remarks

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