

Systems Biology Symposium

Molecular & Integrative
PHYSIOLOGY



*The Systems Biology Symposium is also partially funded by Amgen Inc.

Monday, April 4th, 2011

11:00 am-12:45 pm **Poster Session & Lunch** - Biomedical Science Research Building

1:00 pm-5:00 pm **Presentations** - Palmer Commons

Speakers & Topics:

- 1:00 - 1:10 pm **Opening Remarks:**
Bishr Omary, M.D., Ph.D. - Chairman, Molecular & Integrative Physiology
Brian Athey, Ph.D. - Chair Designate, Computational Medicine & Bioinformatics
- 1:10 - 1:40 pm **Jimo Borjigin, Ph.D.**
Molecular & Integrative Physiology, University of Michigan
"Refining the Art of Entrainment"
- 1:40 - 2:20 pm **Plenary Speaker: James E. Ferrell, M.D., Ph.D.**
Chemical and Systems Biology, Stanford University
"Dissecting the Mitotic Oscillator"
- 2:20 - 2:50 pm **Jeff MacKeigan, Ph.D.**
Laboratory of Systems Biology, Van Andel Institute
"Network Analysis of Autophagy in Cancer"
- 2:50 - 3:20 pm **BREAK**
- 3:20 - 3:50 pm **Leslie Satin, Ph.D.**
Pharmacology, University of Michigan
"Sleuthing the Underlying Mechanisms of Pancreatic Islet Oscillations Using a Model to Guide Us"
- 3:50 - 4:20 pm **Jennifer Linderman, Ph.D.**
Chemical Engineering, University of Michigan
"Multi-Scale and Multi-System Approaches to Understanding the Immune Response in Tuberculosis"
- 4:20 - 5:00 pm **Plenary Speaker: Arthur D. Lander, M.D., Ph.D.**
Developmental and Cell Biology, University of California Irvine
"Complexity and Control in Pattern Formation"

Organizing Committee:

Santiago Schnell, John Williams, Brian Athey, Daniel Forger, David Sept