



# RECOMB/ISCB Conference on Regulatory & Systems Genomics with DREAM Challenges & Cytoscape Workshop



**November 6-9, 2016 | Phoenix, Arizona, USA**

## Schedule

Nov 6: Cytoscape Workshop

Nov 7-8: RSG Research Presentations,  
Posters and Networking

Nov 9-10: DREAM Challenge  
Presentations, Posters and Networking

## JOIN US!

for the premier meeting  
for computational and experimental scientists  
in the areas of  
regulatory genomics and systems biology

## Keynote Speakers

### REGULATORY GENOMICS



**Martha L. Bulyk, PhD**

Harvard Medical School



**Christopher Burge, PhD**

Massachusetts Institute of Technology



**Réka Albert, PhD**

Pennsylvania State University



**Jill P. Mesirov, PhD**

University of California, San Diego

### SYSTEMS BIOLOGY



**Gordon Mills, MD, Ph.D**

MD Anderson Cancer Center



**Nicholas J. Schork, Ph.D.**

University of California, San Diego

### DREAM CHALLENGES



**Isaac Kohane, MD, PhD**

Harvard Medical School



**Zhiping Weng, PhD**

University of Massachusetts Medical School

## Now accepting Submissions in these Topic Areas

- Network visualization and analysis
- Regulatory motifs and modules
- Epigenomics and chromatin state
- Non-coding RNAs
- Regulatory networks
- Co-transcriptional, post-transcriptional, and translational regulation
- Signal transduction networks
- Genetic, molecular, and phenotypic variation and human disease
- Cellular signatures of biological responses and disease states

- Mathematical modeling and simulation of biological systems
- Methods for systematic validation of high-throughput biological predictions
- Single-cell transcriptomics
- Single-cell proteomics
- Metabolomics
- Microbiome
- Machine learning methods for systems biology
- Translational systems biology

Special recognition will be given to papers and posters that highlight and explain their use of Cytoscape in network biology analyses.

<https://www.iscb.org/recomb-regsysgen2016>



<http://www.visitphoenix.com/>