



# RECOMB/ISCB CONFERENCE **on** REGULATORY & SYSTEMS GENOMICS with DREAM CHALLENGES



NOVEMBER 4-6, 2019 NEW YORK, NY



**SUBMIT TODAY!**

## DETAILS

### WHEN

NOVEMBER 4-6, 2019

### WHERE

MSKCC

430 E 67<sup>TH</sup> St.  
NEW YORK, NY 10065

### COST\*

#### ISCB

Professional \$375

Post Doc \$275

Student \$250

#### Non-Members

Professional \$575

Post Doc \$475

Student \$450

\*Reflects Earlybird rates.

Rates increase on Oct 29

### MORE INFO



[www.iscb.org/recomb-regsysgen2019](http://www.iscb.org/recomb-regsysgen2019)

## SUBMISSION DEADLINE

Oral Abstract & Posters

September 9, 2019

### TOPICS:

- 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

## Featuring a Special Session on Single Cell Analysis

We welcome submissions on computational and experimental advances in single cell analysis at the transcriptomic, epigenomic and proteomic levels as well as emerging technologies that can resolve the spatial organization of cells in complex tissues while providing molecular data at the single cell level. Applications of single cell methods to important biomedical questions – for example in cancer biology, immunology, or development – are also encouraged.

This special session is sponsored by the Research Center for Cancer Systems Immunology at Memorial Sloan Kettering Cancer Center, an NCI-funded Cancer Systems Biology Consortium (CSBC) Center.