



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



NOVEMBER 16-19, 2020

DETAILS

WHEN

NOVEMBER 16-19, 2020

WHERE

VIRTUAL ISCB EVENT

COST* ISCB

Professional \$40/\$60

Post Doc \$30/\$40

Student \$20/\$30

Non-Members

Professional \$90/\$200

Post Doc \$70/\$140

Student \$60/\$100

*Reflects registration rates by
World Bank Economic Ranking.

MORE INFO



www.iscb.org/recomb-regsysgen2020

SUBMIT TODAY!

SUBMISSION DEADLINES

Oral presentations & Posters

October 5, 2020

DREAM Challenge Deadlines

Challenge Specific

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 Regulatory and Systems Genomics in Immunology

We welcome submissions on computational and experimental advances regulatory and systems genomics in immunology. Topics include but are not limited to immunological regulatory programs and signaling pathways, genetic and non-genetic sources of self/non-self identification, precision epitope identification and targeting, and immune cell regulation.

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.