Big Data Applications for Drug and Target Discovery

Mini-Symposium

Introduction to Big Data resources for target prioritization, development of novel therapeutics, and drug repurposing opportunities.

DATE:
Wednesday, January 7, 2015

TIME:
2:30 – 5:30 PM

LOCATION:
Annenberg Building, 19th Floor, Room 19-79
Icahn School of Medicine at Mount Sinai

MINI-SYMPOSIUM SCHEDULE

2:30 – 3:30 PM

Open Resources for Drug Discovery and Target Prioritization

John Overington, PhD, EMBL-EBI

3:30 – 4:30 PM

Drugs, Targets, Diseases: How Informatics Can Change Therapeutics

Tudor Oprea, MD, PhD, University of New Mexico School of Medicine

4:30 – 4:50 PM

New NIH Efforts on Biomedical Data: Recent, Past and Current Efforts (BD2K & Commons) and an Idiosyncratic Look to the Future

Ajay Pillai, PhD, National Human Genome Research Institute (NHGRI), NIH

4:50 – 5:10 PM

Meta-Analysis of Ebola Infection Gene Expression Signatures to Prioritize Disease Mechanisms and Drug Treatments

Andrew Rouillard, PhD, Ma'ayan Laboratory, Icahn School of Medicine at Mount Sinai

5:10 – 5:30 PM

Connecting the Immune-Pharmacology Universe to Better Understand Health and Disease

Brian Kidd, PhD, Dudley Laboratory, Icahn School of Medicine at Mount Sinai

*This mini-symposium is sponsored by **Mount Sinai's Knowledge Management Center for Illuminating the Druggable Genome (KMC-IDG)** and the **Big Data to Knowledge (BD2K) Data Coordination and Integration Center (DCIC) for the Library of Integrated Network-based Cellular Signatures (LINCS)**. Grant numbers: U54CA189201, U54HL127624*

Contact:
Sherry Jenkins, MS
Program Manager
E-mail: sherry.jenkins@mssm.edu

NIH Big Data to Knowledge (BD2K)

The NIH Common Fund

NIH LINCS PROGRAM

Illuminating the Druggable Genome
Shedding Light on the Dark Corners of the Genome

Icahn School of Medicine at Mount Sinai