

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

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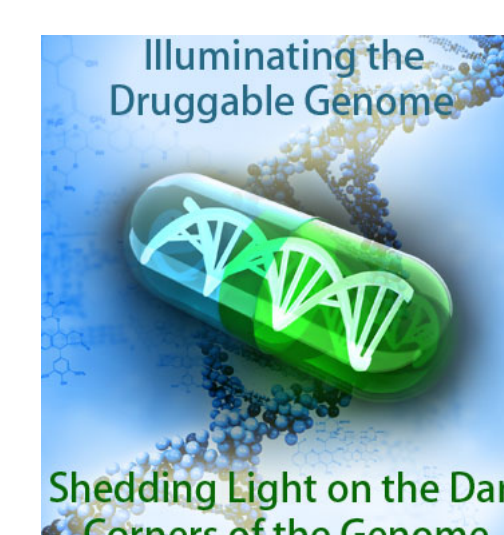
NIH Big Data to Knowledge (BD2K)



The NIH Common Fund



NIH LINCS PROGRAM



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