BD2K-LINCS Data Coordination and Integration Center

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PRESENTATION SESSION '18

*Featuring the research projects of the 2018 BD2K-LINCS Summer Research Fellows training in the **Ma'ayan Lab**, Icahn School of Medicine at Mount Sinai*

Join us on Thursday, August 9th at 10:00 AM, Annenberg Building, 19th Floor, Conference Room 19-79

Big Data to Knowledge (BD2K) Summer Research Training Program in Biomedical Big Data Science

*BD2K-LINCS Summer Research Fellows training in the **Ma'ayan Laboratory** conduct faculty-mentored independent research projects in the following areas:*

Dynamic Data Visualization
Machine Learning
Data Harmonization

Icahn School of Medicine at Mount Sinai

Center for Bioinformatics

IDG — ILLUMINATING the DRUGGABLE GENOME

BD2K – LINCS DATA COORDINATION AND INTEGRATION CENTER

DCPPC — DATA COMMONS PILOT PHASE CONSORTIUM

labs.icahn.mssm.edu/maayanlab/summer-research-program/

AGENDA

10:05 – 10:15 AM | Katherine Chew
Predicting Gene Expression Signatures for Understudied Small Molecules

10:15 – 10:25 AM | Zachary Flamholz
modEnrichr: Enrichment Analysis Platform for Yeast, Worm, Fly and Fish

10:25 – 10:35 AM | Hannah Freid
Integrative Analysis to Suggest Combination Therapies for Ovarian Cancer

10:35 – 10:45 AM | Kevin Moses
JOIN: The Journal of Online Interactive Notebooks

10:45 – 10:55 AM | Vivek Sriram
Predicting Diabetes Risk from Labs and Vitals with Machine Learning

10:55 – 11:05 AM | Vivian Utti
ChEA3: Transcription Factor Enrichment Analysis Portal

11:05 – 11:15 AM | Derek Wang
Jupyter Notebook Analysis Reports from Interactive Selection of GTEx Portal Samples

11:15 – 11:25 AM | Lily Wang
FAIRshake: Toolkit to Assess the FAIRness of Biomedical Digital Objects

11:25 – 11:35 AM | Sherry Xie
Open and Standard API to Enable Semantic Integration of Bioinformatics Tools and Resources

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