

LIPIDOMICS WORKSHOP

March 20-21
2023

Virtual, via Zoom

Details can be found at
<https://www.ncqbc.com>.

APPLICATION CLOSES
March 15 or when
capacity is reached

This interactive program mixes
engaging lectures with hands-on
demonstrations and discussion.

There is no cost to attend due to
generous support from the **National
Institutes of Health** and the **National
Center for Quantitative Biology of
Complex Systems (P41 GM108538)**.

DATA ACQUISITION

Research Lecture from Alan Saghatelian of the Salk Institute

Chromatography and MS Acquisition Lecture

Mobile phase | Real time library search | Stationary phase | Fragmentation | DDA | Polarity | RTLS

Method Setup Demo

DATA PROCESSING

Research Lecture

Lipid Processing Lecture

Peak integration | Identification based on fragmentation | Pairing data

Lipidex & Compound Discover Demo

Lipid classes | How to setup a run | Spectral search | Peak finder | MSn searching

Quality Control Lecture

Batch effect | Reproducibility | RSDs | Linear dynamic range | RT vs M/Z | Choosing parameters

Manual validation | Spectral interpretation

Analysis Tools Lecture

Library Building Demo