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 (P41GM108538).

**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

*APPLICATION CLOSES March 15 or when capacity is reached*

Details can be found at [https://www.ncqbcs.com](https://www.ncqbcs.com).

**March 20-21 2023**
Virtual, via Zoom

LIPIDOMICS WORKSHOP