Join us for these upcoming sessions on Metabolism, Disease, and Drug Design
Organized by: Clifton Barry and John Kozarich

Omics Approaches to Target Discovery
Sunday, April 3, 2016
4:15PM – 6:00PM

Kyu Rhee, Weill Cornell Med. Coll.
Metabolomic signatures of drug mechanism of action

John Kozarich, ActivX Biosciences
Chemoproteomic approaches for the kinome and other ATPases

Edward Dennis, UCSD
Lipidomics in disease and drug discovery

Mechanistically-Informed Drug Design
Monday, April 4, 2016
9:45AM – 12:00PM

Kenneth Keiler, Penn State Univ.
Trans-translation as a target for novel antibiotics

Valerie Mizrahi, Univ. of Cape Town
Targeting CoA biosynthesis in M. tuberculosis

Rick Silverman, Northwestern Univ.
GABA and OAT as oncology targets

Additional talks selected from volunteered abstracts. Submit to ASBMB topics 2350-2365

Natural Product Biosynthesis for New Drug Leads
Tuesday, April 5, 2016
4:15PM – 6:00PM

Sean Brady, The Rockefeller Univ.
Metagenomic discovery of new natural products

Semisynthetic natural products

Ron Quinn, Griffith Univ., Australia
Nature bank

Biochemically-Informed Imaging in Drug Discovery
Wednesday, April 6, 2016
9:45AM – 12:00PM

Clifton Barry, NIH/NIAID
Exploiting trehalose biology in the development of novel PET imaging agents for TB

Veronique Dartois, Rutgers Univ.
Imaging mass spectrometry - the pyrazinamide enigma

Kimberly Beatty, Oregon Health and Sciences Univ.
Fluorogenic probes for esterase and lipase detection