The LIPID MAPS Annual Meeting 2013 will focus on two key areas, Oxidized Lipids and Non-Alcoholic Fatty Liver Disease. There will be several speakers on each day and each section will include a panel discussion with the speakers on future directions, current roadblocks, and the LIPID MAPS studies.

**Tuesday, May 7, 2013**

**Oxidized Lipids**

- Oxidized metabolites of linoleic acid as biomarkers of liver injury in NASH
  Ariel Feldstein
  University of California, San Diego

- A novel strategy for oral ApoA-I mimetic therapy
  Alan M. Fogelman
  University of California, Los Angeles

- Genomics and lipidomics of macrophage activation
  Christopher K. Glass
  University of California, San Diego

- The effect of oxidized phospholipids on macrophage phenotype and function
  Norbert Leitinger
  University of Virginia

- Free radical oxidation of sterols and sterol esters in vitro and in vivo
  Ned A. Porter
  Vanderbilt University

- Genetic determinants of human plasma sterol levels
  David W. Russell
  UT Southwestern Medical Center

- Oxidized phospholipids in inflammation and atherogenesis
  Joseph L. Witztum
  University of California, San Diego

**Wednesday, May 8, 2013**

**Non-Alcoholic Fatty Liver Disease**

- Molecular biomarkers in NAFLDs: An analysis of molecular species and pathways by the LIPID MAPS Consortium
  H. Alex Brown
  Vanderbilt University

- Mapping lipid pathways in mammalian biology by chemoproteomics and metabolomics
  Benjamin F. Cravatt III
  The Scripps Research Institute

- An emerging epidemic: Steatohepatitis and progression toward liver cancers
  D. Lee Gordon
  Vanderbilt University

- Nature + Nurture = NAFLD
  Helen Hobbs
  UT Southwestern Medical Center

- Molecular pathways leading to hepatic steatosis
  Jay Horton
  UT Southwestern Medical Center

- Sugar and fat: Methods, interesting findings, and remaining challenges for analysis of the (glyco)sphingolipidome
  Alfred H. Merrill, Jr.
  Georgia Institute of Technology

- Advances in mass spectrometry applied to lipid biochemistry
  Robert C. Murphy
  University of Colorado, Denver

- The spectrum of fatty liver disease: bench to bedside studies from the NASH Clinical Research Network
  Arun Sanyal
  Virginia Commonwealth University

**Plus: Poster sessions and several lightning talks selected from poster abstract submissions**