

LIPID MAPS Annual Meeting 2011

Lipidomics Impact on Cell Biology, Cancer and Metabolic Diseases

May 2-3, 2011 // La Jolla, CA

Early-Bird Registration Ends: March 13, 2011

Atherosclerosis

ABCA1, ABCG1 and APOE regulate hematopoietic stem cell proliferation and leukocytosis in hypercholesterolemic mice
Alan Tall (Columbia University)

Characterization of new post-transcriptional regulators of fatty acid synthesis
Jay D. Horton (UT Southwestern Medical Center)

Oxidized lipids and role in biology
Joseph L. Witztum (University of California, San Diego)

Oxidized neutral lipids in atherosclerotic plaques
Robert C. Murphy (University of Colorado Denver)

Inflammation

Prostaglandins and their inhibitors
Garret A. FitzGerald (University of Pennsylvania)

Mechanisms and targets of Leukotriene E4 in pulmonary inflammation
Joshua A. Boyce (Harvard Medical School)

Eicosanoid lipidomics in inflammation
Edward A. Dennis (University of California, San Diego)

Diabetes and Nutrition

Mechanisms of the anti-inflammatory insulin sensitizing effects of omega 3 fatty acids
Jerrold Olefsky (University of California, San Diego)

Metabolic profiling for understanding of obesity and diabetes mechanisms
Christopher Newgard (Duke University)

Nutrition and age associated immune dysregulation: role of lipid signaling mediators
Simin Nikbin Meydani (Tufts University)

Nutritional modulation of sphingolipid biosynthesis and production of bioactive intermediates
Alfred H. Merrill, Jr. (Georgia Institute of Technology)

Macrophage Biology

Control of cholesterol homeostasis by LXRs
Peter Tontonoz (Howard Hughes Medical Institute, UCLA)

Macrophages, oxysterols and inflammation
Christopher K. Glass (University of California, San Diego)

Sterol analysis in humans: the Dallas Heart Study
David W. Russell (UT Southwestern Medical Center)

Systems biology analysis of macrophage omics
Shankar Subramaniam (University of California, San Diego)

Cancer

PI 3-Kinase, metabolism and disease
Lewis C. Cantley (Harvard Medical School)

Sphingadienes inhibit multiple tumor promotion pathways in colon cancer
Julie D. Saba (Children's Hospital Oakland Research Institute)

The Autotaxin-LPA receptor axis in cancer metastasis and progression
Gabor J. Tigyi (University of Tennessee)

Diversity and function of enzymes that dephosphorylate phosphatidylglycerolphosphate
Christian R.H. Raetz (Duke University)

Novel roles for lipid signaling species in malignant glioblastomas
H. Alex Brown (Vanderbilt University)

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

LIPID MAPS and Annual Meeting sponsor:



Meeting supporters:



Visit www.lipidmaps.org for meeting details and to register

