LIPID MAPS Annual Meeting 2012
Lipidomics Impact on Cell Biology, Metabolomics and Translational Medicine
May 7-8, 2012 // La Jolla, CA

Early Registration Ends March 9, 2012

KEYNOTE TALK:
Scap and NPC1: Membrane proteins that bind cholesterol
Michael S. Brown–UT Southwestern Medical School

Metabolic Disease
Control of adipogenesis: Toward a new generation of therapeutics
Bruce M. Spiegelman–Harvard Medical School

Cellular mechanisms of insulin resistance: Implications for obesity, lipodystrophy, Type 2 Diabetes and the metabolic syndrome
Gerald I. Shulman–Yale University

Inflammation and ER stress in obesity and diabetes
Gökhan S. Hotamisligil–Harvard School of Public Health

Metabolism and Disease – dedicated to Christian R.H. Raetz
A novel phosphatase associated with cardiolipin biosynthesis
Jack E. Dixon–Howard Hughes Medical Institute

Discovery of new relationships between sphingolipid metabolism and cancer using transcriptomic and lipidomic tools
Alfred H. Merrill, Jr.–Georgia Institute of Technology

Phosphatidic acid in the mechanisms of infectious disease
H. Alex Brown–Vanderbilt University

Metabolomics
Mapping biochemical and chemical signatures of hormone receptor status in breast cancer
Oliver Fahn–University of California, Davis

Using lipid profiling to determine the role of lipids in plant stress responses
Ruth Welt–Kansas State University

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

Genetic determinants of serum sterol levels
David Russell–UT Southwestern Medical School

Immunity and Inflammation
A systems approach to dissecting immunity
Alan Aderem–Seattle Biomedical Research Institute

Chemistry of large numbers
Richard Lerner–The Scripps Research Institute

Allosteric regulation of cyclooxygenases by NSAIDs and fatty acids
William L. Smith–University of Michigan

Lipidomic insight about eicosanoid biology
Edward A. Dennis–University of California, San Diego

Macrophage Biology
Roles for phosphatidylserines in regulation of inflammation and immunity
Peter M. Henson–National Jewish Medical and Research Center

The macrophage through the “omics” glass
Shankar Subramaniam–University of California, San Diego

Metabolism of cholesteryl esters by the macrophage and atherosclerosis
Robert C. Murphy–University of Colorado Boulder

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

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

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