

2016 Kern Lipid Conference

“Targets/Therapies for Diabetes, Atherosclerosis and NASH: A Dialogue between Academia and Industry on Innovation”

Monday, August 8, 2016 to Wednesday, August 10, 2016

Vail, Colorado

Organizers: Luciano Adorini, MD, Philipp Scherer, PhD, and Clay Semenkovich, MD

Conference Registration

Monday, August 08, 2016

7:30 - 8:15am	Conference Check-In <i>Grand Ballroom Registration Desk</i>
7:30 - 8:45am	Breakfast Buffet <i>Grand Ballroom Foyer</i>

Kern Lecturer

8:30am	Introduction and Presentation of the Kern Lectureship Award Moshe Levi, MD, University of Colorado Denver, Aurora, Colorado
8:45am	Kern Lecture: “Metabolic Stress Signaling” Roger J. Davis, Ph.D., F.R.S., Howard Hughes Medical Institute and University of Massachusetts Medical School

Session 1: Connections and Cross-talks in the Regulation of Lipid Metabolism and Immune Responses

Session Chair: Philipp Scherer, PhD

9:50am	“Fattening up T cell responses to infection and cancer” Susan Kaech, PhD, Yale University School of Medicine, New Haven, Connecticut
10:40am	“Immune regulation of lipid metabolism” Anthony W. Ferrante, Jr., MD, PhD, Columbia University, New York, New York
11:30am	“Keeping fat out of muscle: amino acids crosstalk” Zolt Arany, MD PHD, University of Pennsylvania, Philadelphia, Pennsylvania
12:20pm	Lunch
1:30pm	“Delineating the crosstalk between cholesterol homeostasis and type I IFNs” Steven J. Bensinger, VMD, PhD, University of California, Los Angeles, California
2:20pm	“Novel Pro-Resolvin Mediators in Inflammation & Infection” Charles N. Serhan, PhD, DSc, BWH-Harvard Medical School, Boston Massachusetts
3:10pm	Afternoon Break
6:15pm	Poster Session and Reception

7:15am – 8:30am **Breakfast Buffet**
Grand Ballroom Foyer

Session 2: Atherosclerosis

Session Chair: Clay Semenkovich, MD

8:00am **Franz Simon Poster Award/Introduction – Recipient To be Announced**
Moshe Levi, MD, President, Kern Lipid Conference University of Colorado, Aurora, Colorado

8:05am **Introduction and Presentation of the Roger Davis Lecturer**
Robert H. Eckel, MD, University of Colorado Denver, Aurora, Colorado

8:30am **“Regulation of adipose tissue browning”**
Roger Davis Lecture: Irfan J. Lodhi, PhD, Washington University School of Medicine
“Analysis of Oxidized lipids in Human Atherosclerotic Plaques: A Novel Mechanism for Oxidized Phospholipid Formation”
Robert C. Murphy, PhD, University of Colorado Denver, Aurora, Colorado

9:20am **“Macrophage polarization and atherosclerosis regression”**
Edward A. Fisher, MD, PhD, New York University, New York, New York

10:10am **Break**

10:30am **“Leukocyte behavior in atherosclerosis, myocardial infarction, and heart failure”**
Matthias Nahrendorf, MD, PhD, MGH Center for Systems Biology, Boston, Massachusetts

11:20am **“NR4A1 Regulation of Immune Function in Atherosclerosis and Diabetes”**
Catherine C. “Lynn” Hedrick, PhD, La Jolla Institute for Allergy and Immunology, La Jolla, California

12:10pm **“New Approaches Targeting Improved Metabolic Control”**
Bei B. Zhang, PhD, Lilly China Research and Development Center, Eli Lilly and Company, China

1:00pm **Lunch**
Mountain View Patio

2:15pm **Industry Round Table**
Grand Ballroom Salons A-E

3:15pm **Poster Session**
Grand Ballroom Salons F-J

Wednesday, August 10, 2016

7:30am - 8:45am **Breakfast Buffet**
Grand Ballroom Foyer

Session 3: Obesity and Diabetes

Session Chair: Nada Abumrad, MD

8:30am **“The Complex Regulation of Hepatic Metabolism”**
Morris J. Birnbaum, MD, PhD, CVMET, Pfizer, Cambridge, Massachusetts

9:20am **“Acyl-CoA Pools”**
Rosalind A. Coleman, MD, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

10:10am **Break**
Grand Ballroom Foyer

10:30am **“Immune-Metabolic Interactions in Obesity and Metabolic Syndrome”**
Vishwa Deep Dixit, DVM, PhD, Yale University, New Haven, Connecticut

11:20am **“Novel Genetic Associations and Insights into Atherosclerosis, Inflammation and Post-MI Outcomes”**
Sharon Cresci, MD, Washington, University in St. Louis

12:10pm **Introduction to David L. Williams Lecture and Award**
Mary Sorci-Thomas, PhD, Medical College of Wisconsin

“Identification of Novel Post-transcriptional Regulators of Lipid Metabolism”
Lecture: Thomas Vallim, PhD, University of California, Los Angeles, California

12:40pm **Lunch**
Mountain View Patio

Session 4: NAFLD and NASH

Session Chair: Luciano Adorini, MD

2:00pm	“Molecular Mediators of Liver and Steatosis” Jay D. Horton, MD, UT Southwestern, Dallas, Texas
2:50pm	“Metabolic and Clinical Implications of NAFLD and Obesity” Samuel Klein, MD, Washington University, St. Louis, Missouri
3:40pm	Break <i>Grand Ballroom Foyer</i>
4:00pm	“Bile acids, ceramides and a new approach for the treatment of metabolic disease” Frank J. Gonzalez, PhD, National Institutes of Health, Bethesda, MD
4:50pm	“Immune Cells and Hepatocyte Crosstalk in NASH” Gyongyi Szabo, MD, PhD, University of Massachusetts, Worcester, Massachusetts
5:40pm	Break
6:30pm	Dinner Reception <i>Mountain View Patio</i>
9:30pm	Adjourn