

Kern Aspen Lipid Conference
2008 Program

“Frontiers in Regulation of Lipid Metabolism”

Saturday, August 16, 1:00 pm - 5:00 pm

12:00 – 1:00 PM Conference Check-In

Session One: How do Cells get Fat?

Chair: Jay Horton, M.D.

1:00 PM

Introduction and Comments

Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference
University of Colorado Denver Anschutz Medical Campus, Aurora, Colorado

1:05 PM

Bob Farese, M.D.

Gladstone Institute of Cardiovascular Disease, University of California, San Francisco
"Genes that Regulate Lipid Droplet Biology in Cells"

1:50 PM

Dawn Brasaemle, Ph.D.

Rutgers University, New Brunswick, New Jersey
"Lipid Droplet-Associated Proteins and Control of Triacylglycerol Metabolism"

2:40 PM

Break

3:00 PM

Special Presentation

Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference
and **Alan Attie, Ph.D.**, University of Wisconsin

3:20 PM

Dennis Voelker, Ph.D.

University of Colorado at Denver, Aurora, Colorado
"The Anionic Pulmonary Surfactant Phospholipids Play a Crucial Role in
Regulating Innate Immunity in the Lung"

4:10 PM

Rudolf Zechner, Ph.D.

University of Graz, Graz, Austria
"Adipocyte Lipolysis"

Sunday, August 17, 8:30 am- 12:30 pm

Session Two: Lipid Metabolism and Signaling in the CNS

Chair: Jean Schaffer, M.D.

8:30 AM

John Dietschy, M.D.

UT Southwestern Medical Center at Dallas
"Cholesterol in the Brain"

9:20 AM

Joyce Repa, Ph.D.

UT Southwestern Medical Center at Dallas
"Nuclear Receptors and Niemann-Pick C Disease"

10:10 AM

Break

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- 10:40 AM **Joel Elmquist, D.V.M., Ph.D.**
UT Southwestern Medical Center at Dallas
"CNS Regulation of Obesity"
- 11:30 AM **Introduction of Kern Lecturer**
Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference
University of Colorado Denver Anschutz Medical Campus, Aurora, Colorado
- 11:40 AM **Kern Lecturer: Helen Hobbs, M.D.**
UT Southwestern Medical Center at Dallas
"Going to Extremes to Find Genetic Variation Contributing to Cardiovascular Risk"
- 12:30 -2:30 PM **Lunch and Poster Sessions**
- 6:00 – 10:00 PM **Reception & Dinner**
Garden of the Given Institute

Monday, August 18, 8:30 am - 12:30 pm

Session Three: **Hepatic Control of Lipid Metabolism**
Chair: Russell DeBose-Boyd, Ph.D.

- 8:30 AM **Joe Goldstein, M.D.**
UT Southwestern Medical Center at Dallas
"Biochemical Characterization of the Membrane-bound Acyltransferase that Octanoylates Ghrelin, an Appetite-Stimulating Peptide Hormone"
- 9:20 AM **Alan Attie, Ph.D.**
University of Wisconsin
"Genes and Gene Networks in Type 2 Diabetes"
- 10:10 AM **Break**
- 10:40 AM **Ayesha Sitlani, Ph.D.**
Merck Research Laboratories
"Targeting PCSK9 for LDL-Cholesterol Lowering: A Drug Discovery Challenge"
- 11:30 AM **Dennis Vance, Ph.D.**
University of Alberta, Edmonton, Alberta, Canada
"Inhibition of Phosphatidylethanolamine N-methyltransferase Attenuates Atherosclerosis and Diet-Induced Obesity"
- 12:30 -2:30 PM **Lunch and Poster Sessions**

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Tuesday, August 19, 8:00 am - 12:00 pm

Session Four:

Does HDL Matter?

Chair: Mary Sorci-Thomas, Ph.D.

8:00 AM

**Introduction and Presentation of the David L. Williams Memorial
Lectureship Award**

Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference

University of Colorado Denver Anschutz Medical Campus, Aurora, Colorado

8:10 AM

Jay Heinecke, M.D.

University of Washington School of Medicine

"HDL - When Good Cholesterol Goes Bad"

9:00 AM

John Parks, Ph.D.

Wake Forest, Winston-Salem, North Carolina

"ABCA1: Beyond HDL Formation"

9:50 AM

Stanley Hazen, M.D. Ph.D.

Lerner Research Institute, Cleveland, Ohio

"HDL Metabolism"

10:40 AM

Break

11:00 AM

David L. Williams Memorial Lecture

Deborah Muoio, Ph.D.

Duke University Medical Center, Durham, North Carolina

"Mitochondrial Overload and Incomplete Fatty Acid Oxidation Contribute to
Skeletal Muscle Insulin Resistance"

11:50 AM

Closing Remarks

Robert Eckel, M.D., President, Kern Aspen Lipid Conference

12:00 Noon

Adjourn