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
## Kern Aspen Lipid Conference 2008 Program

**“Frontiers in Regulation of Lipid Metabolism”**

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Four:</th>
<th>Does HDL Matter?</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td><strong>Introduction and Presentation of the David L. Williams Memorial Lectureship Award</strong>&lt;br&gt;Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference&lt;br&gt;University of Colorado Denver Anschutz Medical Campus, Aurora, Colorado</td>
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<td>8:10 AM</td>
<td>Jay Heinecke, M.D.&lt;br&gt;University of Washington School of Medicine&lt;br&gt;&quot;HDL - When Good Cholesterol Goes Bad&quot;</td>
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<td>9:00 AM</td>
<td>John Parks, Ph.D.&lt;br&gt;Wake Forest, Winston-Salem, North Carolina&lt;br&gt;&quot;ABCA1: Beyond HDL Formation&quot;</td>
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<td>9:50 AM</td>
<td>Stanley Hazen, M.D. Ph.D.&lt;br&gt;Lerner Research Institute, Cleveland, Ohio&lt;br&gt;&quot;HDL Metabolism&quot;</td>
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<td>10:40 AM</td>
<td>Break</td>
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<td>11:00 AM</td>
<td><strong>David L. Williams Memorial Lecture</strong>&lt;br&gt;Deborah Muoio, Ph.D.&lt;br&gt;Duke University Medical Center, Durham, North Carolina&lt;br&gt;“Mitochondrial Overload and Incomplete Fatty Acid Oxidation Contribute to Skeletal Muscle Insulin Resistance”</td>
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<td>11:50 AM</td>
<td><strong>Closing Remarks</strong>&lt;br&gt;Robert Eckel, M.D., President, Kern Aspen Lipid Conference</td>
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<td>12:00 Noon</td>
<td>Adjourn</td>
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