Kern Lipid Conference
2011 Program Agenda

“Emerging Discoveries of Lipid Effects on Organ Physiology and Pathobiology”

Conference Co-Chairs: Ira J. Goldberg, M.D. and Karen Reue, Ph.D.

Saturday, August 6, 1:00 pm - 7:00 pm

12:00-1:00 PM  Conference Check-In

1:00 PM  Introduction and Comments
Robert H. Eckel, M.D., President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus,
Aurora, CO

Session I:  Lipid Uptake Pathways
Session Chairs: Dawn L. Brasaemle, Ph.D., Rutgers, The State
University of New Jersey, New Brunswick, New Jersey
Clay Semenkovich, M.D., Washington University, St. Louis
Missouri

1:05 PM  “CD36”
Nada Abumrad, Ph.D., Washington University, St. Louis,
Missouri

1:55 PM  “Molecular mechanism of fatty acid diffusion across
lipid membranes”
James Hamilton, Ph.D., Boston University, Boston,
Massachusetts

2:45 PM  Break

3:05 PM  “LMF1 and lipase maturation”
Miklos Peterfy, Ph.D., UCLA/Cedars Sinai, Los Angeles,
California

3:55 PM  “Angiopoietin-like proteins and lipolysis in tissues
and lymph”
Sander Kersten, Ph.D., Wageningen University, Wageningen,
Netherlands
4:45 PM  **Introduction and Presentation of the Roger Davis Award for Transitional Faculty**
Robert H. Eckel, M.D., President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus, Aurora, CO

4:50 PM  **Roger Davis Lecture: “Control of lipid metabolism in insulin resistant states”**
Sudha Biddinger, M.D., Ph.D., Children's Hospital of Boston, Boston Massachusetts

5:00 PM  **Reception & Evening Poster Session**
Rocky Mountain Foyer & Gardens

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**Sunday, August 7, 8:30 am – 1:30 pm (Dinner 6:00 – 10:00 pm)**

**Session II: Lipid Storage**
Session Chair: Viktoria Gusarova, Ph.D., Regeneron Pharmaceuticals, Tarrytown, New York

8:30 AM  **“Measuring lipids in all comers”**
Joe Dixon, Ph.D., Rutgers University School of Environmental and Biological Sciences, New Brunswick, New Jersey

9:20 AM  **“Fatty acid transport proteins”**
Andreas Stahl, Ph.D., UC Berkeley, Berkeley, California

10:10 AM  **Break**

10:30 AM  **Introduction of the Journal of Lipid Research Lectureship**
Ira J. Goldberg, M.D., D. Richards Professor of Medicine, Columbia University, New York, New York

10:35 AM  **Journal of Lipid Research Lecture: “Adipose tissue triglyceride lipase in health and heart disease”**
Rudi Zechner, Ph.D., University of Graz, Graz, Austria

11:25 AM  **“Hepatic triglyceride hydrolases”**
Richard Lehner, Ph.D., University of Alberta, Edmonton, Alberta, Canada

12:15 – 1:30 PM  **Lunch**
Rocky Mountain Garden
Monday, August 8, 8:30 am - 1:30 pm

**Session III:** Lipid Effects on Cell Signaling
Session Chairs: James McManaman, Ph.D., University of Colorado Anschutz Medical Campus, Aurora, Colorado
Nila Mishra, M.D., Wake Forest School of Medicine, Winston Salem, North Carolina

8:30 AM  Introduction and Presentation of the Kern Lectureship Award
Moshe Levi, M.D., University of Colorado Anschutz Medical Campus, Aurora, Colorado

8:35 AM  Kern Lecture: "Nuclear receptor/FGF signaling pathways and regulation of nutrient metabolism"
David Mangelsdorf, Ph.D., UT Southwestern Medical Center, Dallas, Texas

9:25 AM  “Lipid-Induced Mitochondrial Dysfunction”
E. Dale Abel, M.D., Ph.D., University of Utah, Salt Lake City, Utah

10:15 AM  Break

10:35 AM  “Ceramides and apoptosis”
Richard Kolesnick, M.D. Mt. Sinai School of Medicine of New York University, New York, New York

11:25 AM  “Lysophospholipid signaling pathways”
Susan S. Smyth, M.D., University of Kentucky, Lexington, Kentucky

12:15 – 1:30 PM  Lunch
Rocky Mountain Garden
**Tuesday, August 9, 8:00 am - 12:30 pm**

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00 AM</td>
<td><strong>Introduction and Presentation of the David L. Williams Lectureship Award</strong></td>
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<td></td>
<td>Larry Rudel, Ph.D., Professor of Pathology and Biochemistry,</td>
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<td>Director of the Section on Lipid Sciences, Wake Forest University School of Medicine,</td>
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<td>Winston-Salem, North Carolina</td>
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<td>8:05 AM</td>
<td>**David L. Williams Lecture: “Intestinal specific LXR activation stimulates reverse</td>
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<td>cholesterol transport and protects from atherosclerosis**</td>
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<td>Antonio Moschetta, M.D., Ph.D., Consorzio Mario Negri Sud,</td>
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<td>Santa Maria Imbaro (Chieti), Italy</td>
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<td>8:55 AM</td>
<td><strong>“Re-routing lipids away from muscle and brain”</strong></td>
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<td>Robert Eckel, M.D, President, Kern Lipid Conference</td>
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<td>University of Colorado Anschutz Medical Campus, Aurora, Colorado</td>
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<td>9:45 AM</td>
<td><strong>“ER stress, lipogenesis and their contributions to NAFLD”</strong></td>
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<td>Fabienne Foufelle, Ph.D., INSERM, Paris, France</td>
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<td>10:30 AM</td>
<td><strong>Break</strong></td>
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<tr>
<td>10:50 AM</td>
<td><strong>“ApoC-III modulation of NAFLD”</strong></td>
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<td>Gerald Shulman, M.D., Ph.D., Yale University, New Haven, Connecticut</td>
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<td>11:40 AM</td>
<td><strong>“Role of lipids in diabetes and age related kidney disease”</strong></td>
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<td>Moshe Levi, M.D., University of Colorado Anschutz Medical Campus, Aurora, Colorado</td>
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<td>12:20 PM</td>
<td><strong>Closing Remarks</strong></td>
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<td>University of Colorado Denver, Anschutz Medical Campus, Aurora, CO</td>
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<tr>
<td>12:30 PM</td>
<td><strong>Adjourn</strong></td>
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