

2007 Kern Aspen Lipid Conference
Preliminary Program

“Diabetes, Obesity and Atherosclerosis”

Saturday, August 18, 1:00 pm - 5:00 pm

12:00 – 1:00 PM Conference Check-In

Session One: Metabolic Control in the Liver

Chair: Lawrence Rudel, Ph.D.

1:00 PM **Introduction and Comments**
Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference
University of Colorado at Denver & Health Sciences Center, Aurora, Colorado

1:10 PM **Marc Montminy, M.D., Ph.D.**
The Salk Institute for Biological Studies, San Diego, California
"Molecular control of gluconeogenesis and lipogenesis"

2:00 PM **Jay Horton, M.D.**
UT Southwestern Medical Center at Dallas
"Role of PCSK9 in dyslipidemias"

2:50 PM **Coffee Break**

3:20 PM **Russell DeBose-Boyd, Ph.D.**
UT Southwestern Medical Center at Dallas
"ER-associated degradation of HMG CoA reductase and cholesterol homeostasis"

4:10 PM **Stephen G. Young, M.D.**
University of California, Los Angeles
"A New Chylomicronemia Gene Revises the Lipolysis Paradigm"

Sunday, August 19, 8:30 am- 12:30 pm

Session Two: Nuclear Receptors, Hormones Control of Metabolism/Obesity

Chair: Linda Curtiss, Ph.D.

8:30 AM **Karen Reue, Ph.D.**
University of California at Los Angeles
"Diet1, a newly identified diet-resistance gene"

9:20 AM **Chris Glass, M.D., Ph.D.**
University of California at San Diego
"Regulation of inflammation by fatty-acid and oxysterol-sensing nuclear receptors"

10:10 AM **Coffee Break**

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- 10:40 AM **Ron Evans Ph.D.**
The Salk Institute for Biological Studies, San Diego, California
"PPAR-delta: A knife in the heart of the metabolic syndrome"
- 11:30 AM **Introduction of Kern Lecturer**
Robert Eckel, President, University of Colorado at Denver & Health Sciences
Center, Aurora, Colorado
- 11:40 AM **Kern Lecturer:** Jeff Gordon, M.D.
Washington University, St. Louis, Missouri
"Dining in with a few trillion friends: exploring the human gut microbiota and
microbiome"
- 12:30 -2:30 PM **Lunch and Poster Sessions**
- 6:30 – 10:00 PM **Reception & Dinner**
Garden of the Given Institute

Monday, August 20, 8:30 am - 12:00 pm

Session Three: **Vascular Effects of Diabetes/Insulin Resistance**
Chair: Robert H. Eckel, M.D.

- 8:30 AM **Karin Bornfeldt, Ph.D.**
University of Washington, Seattle, Washington
"Diabetes and Atherosclerotic Lesion Initiation and Progression"
- 9:20 AM **Ira Goldberg, M.D.**
Columbia University, New York, New York
"Novel effect of adipocytokines on macrophages"
- 10:10 AM **Coffee Break**
- 10:40 AM **Clay Semenkovich, M.D.**
Washington University, St. Louis, Missouri
"De novo lipogenesis, genotoxic stress, and atherosclerosis"
- 11:30 AM **Ira Tabas, M.D., Ph.D.**
Columbia University College of Physicians and Surgeons, New York
"Novel effects of adiponectin on macrophages"
- 12:30 -2:00 PM **Lunch and Poster Sessions**

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Tuesday, August 21, 8:00 am - 12:00 pm

Session Four: **Therapeutic Approaches/Transcriptional Control**

Chair: Joyce Repa, Ph.D.

- 8:00 AM **Introduction and Presentation of the David L. Williams Memorial
Lectureship Award**
Robert Eckel, M.D. President, Kern Aspen Lipid Conference
University of Colorado at Denver & Health Sciences Center, Aurora, Colorado
- 8:10 AM **Tim Willson, Ph.D.**
GlaxoSmithKline
"Rational Design of Nuclear Receptor Activators"
- 9:00 AM **Reuben Shaw, Ph.D.**
The Salk Institute for Biological Studies, San Diego, California
"The LKB1 kinase: key regulator of AMPK, metabolism, and metformin action"
- 9:50 AM **David Mangelsdorf, Ph.D.**
UT Southwestern Medical Center at Dallas
"Nuclear Receptors and FGFs: the New Endocrinology of Metabolism"
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- 10:40 AM **Coffee Break**
- 11:00 AM **David L. Williams Memorial Lecture (winner to be named)**
- 11:50 AM **Closing Remarks and Adjourn**
Robert Eckel, M.D.
- 12 Noon **Adjourn**