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
2007 Kern Aspen Lipid Conference

Preliminary Program

“Diabetes, Obesity and Atherosclerosis”

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
2007 Kern Aspen Lipid Conference  
**Preliminary Program**  
“Diabetes, Obesity and Atherosclerosis”

**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"

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