

2003 Kern Aspen Lipid Conference

“Integrative Mechanisms of Lipid Metabolism”

Conference Co-Chairs:

**Dr. Robert Farese, Jr.
Dr. Joachim Herz
Dr. Lawrence L. Rudel**

**Conference President:
Dr. Robert Eckel**

**August 16-19, 2003
Aspen, Colorado**

<p style="text-align: center;">2003 Kern Aspen Lipid Conference <i>“Integrative Mechanisms of Lipid Metabolism”</i></p>

Saturday, August 16, 2003

Session 1.

Proteins and Enzymes of Lipid Metabolism

Session Chair: Dr. Robert V. Farese, Jr.
Gladstone Foundation, University of California
at San Francisco

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:00 - 1:50 PM | “A Central Role of ACAT2 in Lipoprotein Cholesterol Ester Metabolism”
Dr. Lawrence L. Rudel, Wake Forest University School of Medicine |
| 1:50 - 2:40 PM | “Genetic Defenses Against Sterol Accumulation”
Dr. Helen Hobbs, UT Southwestern Medical Center |
| 2:40 - 3:10 PM | Coffee Break |
| 3:10 - 4:00 PM | “DGATs and MGATs: Key Enzymes in Triacylglycerol Metabolism”
Dr. Robert V. Farese, Jr., Gladstone Institute, University of California at San Francisco |
| 4:00 – 4:50 PM | “HSL: New Aspects in Fat Cell Lipolysis and Lipid Metabolism”
Dr. Rudolf Zechner, Karl-Franzens University, Graz, Austria |

Sunday, August 17, 2003

Session 2.

Transcriptional Regulation and Genetics

Session Chair: Dr. Joachim Herz
UT Southwestern Medical Center

9:00 - 9:50 AM

“Decoding Transcriptional Networks Regulated by PPARs in the Macrophage”
Dr. Christopher Glass, University California at San Diego

9:50 - 10:40 AM

“Mechanisms of Transcriptional Regulation”
Dr. Ronald Evans, The Salk Institute

10:40 – 11:10 AM

Coffee Break

11:10 – 12:00 PM

“Genetic Regulation of Cholesterol Metabolism”
Dr. Joseph Goldstein, UT Southwestern Medical Center

12:00 - 12:50 PM

“Genetic and Genomic Approaches to Dissect Metabolic Pathways”
Dr. Markus Stoffel, The Rockefeller University

Monday, August 18, 2003

Session 3.

Metabolism of Lipids in the Central Nervous System

Session Chair: Dr. Christopher Glass
University of California at San Diego

8:30 - 9:10 AM

“Lipid Metabolism in the Nervous System”
Dr. John Dietschy, UT Southwestern Medical Center

9:10 – 10:00 AM

“How Lipoprotein Receptors Form Your Brain”
Dr. Joachim Herz, UT Southwestern Medical Center

10:00 - 10:30 AM

Coffee Break

10:30 - 11:40 AM

“Brain Lipid Binding Protein, Radial Glia and Neuronal Migration”
Dr. Magdalena Goetz, Max Planck Institute of Neurobiology,
Munich, Germany

11:40 – 12:10 PM

“Control of LDL Receptor Biogenesis and Function in Drosophila”
Dr. Richard S. Mann, Columbia University

Tuesday, August 19, 2003

Session 4.

Membrane Lipid Transporters

Session Chair: Dr. Lawrence L. Rudel
Wake Forest University School of Medicine

8:00 - 8:50 AM

Fred Kern Lecturer:

Dr. Silvia Santamarina-Fojo
"ABCA1, the Regulator of HDL Formation"
National Heart, Lung and Blood Institute, National Institutes
of Health

8:50 – 9:40 AM

"Scavenger Receptor B1 (SR-B1) in Microvillar Extensions"
Dr. David Williams, SUNY at Stony Brook

9:40 - 10:10 AM

Coffee Break

10:10 – 11:00 AM

"Phosphatidylcholine Transfer Protein and Hepatocellular
Phospholipid Transport"
Dr. David Cohen, Albert Einstein School of Medicine

11:00 – 11:50 AM

"STARTing to Understand: StAR-related Lipid Transfer
Proteins of Cholesterol Metabolism"
Drs. Jan Breslow and Raymond Soccio, The Rockefeller
University