

Kern Lipid Conference

2014 Program Agenda

Evolving Concepts of HDL Function in Cardiometabolic Diseases and Beyond August 4, 2014-August 7, 2014, Vail, Colorado

All scientific sessions will be held at the Vail Marriott

Conference Co-Chairs:

John Parks, PhD, Sudha Biddinger, MD, PhD, Richard Gregg, MD

Monday, August 4, 2014, 1:30 pm – 7:30 pm

12:45-1:30PM **Conference Check-In**
Grand Ballroom Foyer (West Wing)

Session I: Cellular HDL and Cholesterol Metabolism

*Session Chairs: Mary Sorci-Thomas, PhD and John Parks, PhD
Grand Ballroom, Salon F-J*

1:30PM **Introduction and Comments**
Moshe Levi, MD, President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus, Aurora, Colorado

1:40PM **“ApoA-I structural models and implications for function”**
David Atkinson, PhD, Boston University, Boston Massachusetts

2:30PM **“Mechanisms of apoA-I lipidation by ABCA1”**
Jonathan Smith, PhD, Cleveland Clinic, Cleveland, Ohio

3:20PM **“Regulation of cellular signal transduction by HDL”**
Philip Shaul, MD, UT Southwestern, Dallas, Texas

4:10PM Break

4:30PM **“Anti-inflammatory effects of HDL on adipocytes”**
Alan Chait, MD, University of Washington, Seattle, Washington

5:20PM **Introduction and Presentation of the Roger Davis Lecturer**
Robert Eckel, MD, University of Colorado Denver, Aurora, Colorado

5:25PM **Roger Davis Lecture: Cynthia Hong, PhD, University of California, Los Angeles
“IDOL Regulation of Cholesterol Metabolism”**

6:00PM **Poster Session & Reception**
Grand Ballroom, Salons A-E

7:30PM **Session Adjourns**

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Tuesday, August 5, 2014, 7:30 AM - 10:00 PM

Session II: In vivo HDL Metabolism

*Session Chairs: Ira Goldberg, MD and Moshe Levi, MD
Grand Ballroom, Salon F-J*

- 7:30AM **Breakfast Buffet**
Grand Ballroom Foyer
- 8:30AM **“Human plasma HDL speciation and the proteome”**
W. Sean Davidson, PhD, University of Cincinnati, Cincinnati, Ohio
- 9:20AM **“HDL metabolism in normal and insulin resistant states”**
Henry Ginsberg, MD, Columbia University, New York, New York
- 10:10AM **Break**
- 10:30AM **“SR-B1 and HDL metabolism”**
Daisy Sahoo, PhD, Medical College Wisconsin, Milwaukee, Wisconsin
- 11:20AM **“HDL, apoM, and S1P signaling”**
Christina Christoffersen, MD, PhD, post.doc, University of Copenhagen, Denmark
- 12:10PM **Lunch**
Mountain View Patio
- 12:15 PM **Informal Round-Table Discussion for Interested Students and Post-doctoral Fellows:
“Careers in Industry”**
Mountain View Patio
- 2:00PM **Poster Session**
Grand Ballroom, Salons A-E
- 3:30PM **Afternoon Session Adjourns**

Session II (Evening):

- 6:00PM **Introduction and Presentation of the Kern Lectureship Award**
Moshe Levi, MD, University of Colorado Denver, Aurora, Colorado
- Kern Lecture: “Is it time to revise the HDL cholesterol hypothesis?”**
Daniel J. Rader, MD, University of Pennsylvania, Philadelphia, Pennsylvania
- 7:15PM **Reception & Dinner**
Mountain View Patio
- 10:00PM **Evening Session Adjourns**

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Wednesday, August 6, 2014, 7:30 AM - 6:30 PM

Session III: HDL as a Therapeutic Target

Session Chairs: Richard Gregg, MD and Margrit Schwarz, PhD
Grand Ballroom, Salon F-J

- 7:30AM **Breakfast Buffet**
Grand Ballroom Foyer
- 8:30AM **“Update on HDL clinical trials”**
Gregory Schwartz, MD, PhD, University of Colorado Denver, Aurora, Colorado
- 9:20AM **“Therapeutic Inhibition of ApoC-III with Second Generation Antisense Oligonucleotides”**
Rosanne Croke, PhD, Isis Pharmaceuticals, Carlsbad, California
- 10:10AM **Break**
- 10:30AM **“Discovery and Development of LXR Agonists”**
Todd Kirchgessner, PhD, Bristol-Myers Squibb, Princeton, New Jersey
- 11:20AM **“Effect of dalcetrapib on HDL-mediated uptake of antioxidants: implications for CV diseases and Macular Degeneration”**
Eric Niesor, PhD, F.Hoffmann-La Roche Ltd, Switzerland
- 12:10PM **Introduction to the David L Williams Lecture**
Mary Sorci-Thomas, PhD, Wake Forest School of Medicine, Winston-Salem, North Carolina
- 12:15PM **David L Williams Lecture: Tied Award**
- “Notch signaling at the bifurcation of hepatic insulin action - pathophysiological roles of a developmental pathway”**
Utpal Pajvani, MD PhD, Columbia University, New York, New York
- 12:35PM **Lunch & Small Group Discussions**
Mountain View Patio
- 2:00PM **Poster Session**
Grand Ballroom, Salons A-E

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Thursday, August 7, 2014, 7:00 AM - 1:00 PM

Session IV: Genetic regulation of HDL and cholesterol transport/storage

Session Chair: Jake Lusis, PhD and Dawn Brasaemle, PhD

Session V: Emerging Roles of HDL beyond Atherosclerosis

Session Chairs: Sudha Biddinger, MD, PhD and Robert Eckel, MD

Grand Ballroom, Salon F-J

6:30AM **Breakfast Buffet**
Grand Ballroom Foyer

7:00AM **“Genome-wide modulation of hepatic apoA-I secretion”**
Laura Michael, PhD, Eli Lilly and Company, Indianapolis, Indiana

Franz Simon Poster Award/Introduction – Recipient To be Announced

Moshe Levi, MD, President, Kern Lipid Conference University of Colorado
Denver, Anschutz Medical Campus, Aurora, Colorado

“HDL and microRNA transport”

Kasey Vickers, PhD, Vanderbilt University, Nashville, Tennessee

Introduction of the Journal of Lipid Research Lectureship

Ira J. Goldberg, M.D., Associate Editor, New York University, New York, New York

Journal of Lipid Research Lecture: “Cholesterol efflux pathways in atherosclerosis and thrombosis”

Alan Tall, MD, Columbia University, New York, New York

“ApoA-I and its potential role as an anti-tumor agent”

Joseph DiDonato, PhD, Cleveland Clinic, Cleveland, Ohio

“Using Mendelian randomization to determine causality of HDL cholesterol in ischemic heart disease”

Anne Tybjaerg-Hansen, MD DMSc, Copenhagen University Hospital, Denmark

“ABCA1, HDL and Alzheimer’s disease”

Cheryl Wellington, PhD, BSc, University of British Columbia

“Lipoproteins and receptors in the brain”

Joachim Herz, MD, UT Southwestern, Dallas, Texas

Closing Remarks

12:35PM **Conference Adjourns**