

**2010 Deuel Conference on Lipids, March 3-5, 2010**  
Laguna Cliffs Marriott Resort, Dana Point, CA  
**Preliminary Conference Program**

Wednesday, March 3, 8:30 AM to 12:00 PM

*Session Leader: Kathryn Moore*

- Session 1      Macrophage Signaling in Lipid Metabolism and Disease**
- 8:30-9:05      “*The path to macrophage foam cell formation*”  
                         Kathryn J. Moore, New York University, New York
- 9:05-9:40      “*Tissue macrophages in inflammation-induced insulin resistance and dyslipidemia*”  
                         Jerrold Olefsky, University of California, San Diego
- 9:40-10:00     “*Atherosclerosis and apoptosis in Abcg1-/-ApoE-/- mice*”  
                         Elizabeth Tarling, University of California, Los Angeles
- 10:00-10:20    *Coffee Break*
- 10:20-10:55    “*Mechanisms of Atherosclerotic Lesion Regression*”  
                         Edward Fisher, New York University, New York
- 10:55-11:30    “*Fatty acids and Acyl-CoAs, Macrophages, and Atherosclerosis*”  
                         Karin E. Bornfeldt, University of Washington, Seattle
- 11:30-11:50    “*Characterization of oxidized lipids in cholesterol-fed zebrafish*”  
                         Yuri Miller, University of California, San Diego

Wednesday, March 3, 7:30 to 9:30 PM

*Session Leader: Peter Tontonoz*

**The Havel Lecture**

“*Nuclear receptor control of lipid metabolism*”

David J. Mangelsdorf, University of Texas Southwestern Medical Center, Dallas  
Wine reception and Trainees’ Poster Session

Thursday, March 4, 8:45 AM to 12:30 PM

*Session Leader: Jay Horton*

- Session 2      Mechanisms of Metabolic Control**
- 8:30-9:05      “*Fat regulation in C. elegans*”  
                         Kaveh Ashrafi, University of California, San Francisco
- 9:05-9:40      “*Lipins: Multifunctional lipid phosphatases*”  
                         Karen Reue, University of California, Los Angeles
- 9:40-10:00     “*Cavin-2 is a cell surface cholesterol sensor linking caveolae to the cytoskeleton*”  
                         Michael Breen, Boston University, Boston
- 10:00-10:20    *Coffee Break*
- 10:20-10:55    “*Oxysterol regulation of cholesterol homeostasis*”  
                         Daniel Ory, Washington University, St. Louis
- 10:55-11:30    “*New insights into mechanisms for ER-associated degradation of HMG CoA reductase*”  
                         Russell Debose-Boyd, University of Texas Southwestern, Dallas
- 11:30-11:50    “*Syndecan-1 mediated uptake of triglyceride-rich lipoproteins*”  
                         Erin Foley, University of California, San Diego

Thursday, March 4, 7:30 to 9:30 PM

*Session Leader: Joseph Witztum*

- Session 3      Systemic Approaches to Metabolic Disease**
- 7:30-8:05      “*Metabolic mechanisms of tissue failure in type 2 diabetes*”  
                         Christopher Newgard, Duke University
- 8:05-8:40      “*Hypothalamic regulation of energy balance*”

- 8:40-9:15 Randy Seeley, University of Cincinnati  
“*Endothelial Control of Metabolism*”  
Jorge Plutzky, Brigham and Women’s Hospital, Boston
- 9:15-9:35 “FGF15/19 and FGF21 govern fed and fasted responses in the liver”  
Matthew Potthoff, University of Texas Southwestern, Dallas

Friday, March 5, 8:30 AM to 12:00 noon

*Session Leader: Steven G. Young*

**Session 4 Human Metabolism and Therapeutic Opportunities**

- 8:30-9:05 The JLR Lecture: “*Functional analysis of new genes regulating plasma lipoproteins*”  
Daniel J. Rader, University of Pennsylvania, Philadelphia
- 9:05-9:40 “*New Connections Between Insulin Resistance, Diabetes and Cholesterol Metabolism*”  
C. Ronald Kahn, Joslin Diabetes Center, Harvard Medical School
- 9:40-10:00 *Coffee Break*
- 10:00-10:35 “*Inflammation, adipocytes and modulation of HDL*”  
Muredach Reilly, University of Pennsylvania, Philadelphia
- 10:35-11:10 “*Antisense Inhibition of ApoB:From Bench to Clinic*”  
Rosanne M. Croke, Isis Pharmaceuticals, Carlsbad
- 11:10-11:45 “*Therapeutic potential of FGF-21*”  
Murielle Veniant-Ellison, Amgen, Thousand Oaks