

Kern Lipid Conference
2011 Program Agenda

***“Emerging Discoveries of Lipid Effects on Organ Physiology
and Pathobiology”***

Conference Co-Chairs: Ira J. Goldberg, M.D. and Karen Reue, Ph.D.

Saturday, August 6, 1:00 pm - 7:00 pm

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| 12:00-1:00 PM | Conference Check-In |
| 1:00 PM | Introduction and Comments
Robert H. Eckel, M.D., President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus,
Aurora, CO |
| <u>Session I:</u> | Lipid Uptake Pathways
Session Chairs: Dawn L. Brasaemle, Ph.D., Rutgers, The State
University of New Jersey, New Brunswick, New Jersey
Clay Semenkovich, M.D., Washington University, St. Louis
Missouri |
| 1:05 PM | “CD36”
Nada Abumrad, Ph.D., Washington University, St. Louis,
Missouri |
| 1:55 PM | “Molecular mechanism of fatty acid diffusion across
lipid membranes”
James Hamilton, Ph.D., Boston University, Boston,
Massachusetts |
| 2:45 PM | Break |
| 3:05 PM | “LMF1 and lipase maturation”
Miklos Peterfy, Ph.D., UCLA/Cedars Sinai, Los Angeles,
California |
| 3:55 PM | “Angiopietin-like proteins and lipolysis in tissues
and lymph”
Sander Kersten, Ph.D., Wageningen University, Wageningen,
Netherlands |

- 4:45 PM **Introduction and Presentation of the Roger Davis Award for Transitional Faculty**
Robert H. Eckel, M.D., President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus,
Aurora, CO
- 4:50 PM **Roger Davis Lecture: "Control of lipid metabolism in insulin resistant states"**
Sudha Biddinger, M.D., Ph.D., Children's Hospital of Boston,
Boston Massachusetts
- 5:00 PM **Reception & Evening Poster Session**
Rocky Mountain Foyer & Gardens

Sunday, August 7, 8:30 am – 1:30 pm (Dinner 6:00 – 10:00 pm)

- Session II:** **Lipid Storage**
Session Chair: Viktoria Gusarova, Ph.D., Regeneron
Pharmaceuticals, Tarrytown, New York
- 8:30 AM **"Measuring lipids in all comers"**
Joe Dixon, Ph.D., Rutgers University School of Environmental
and Biological Sciences, New Brunswick, New Jersey
- 9:20 AM **"Fatty acid transport proteins"**
Andreas Stahl, Ph.D., UC Berkeley, Berkeley, California
- 10:10 AM **Break**
- 10:30 AM **Introduction of the Journal of Lipid Research
Lectureship**
Ira J. Goldberg, M.D., D. Richards Professor of Medicine,
Columbia University, New York, New York
- 10:35 AM **Journal of Lipid Research Lecture: "Adipose tissue
triglyceride lipase in health and heart disease"**
Rudi Zechner, Ph.D., University of Graz, Graz, Austria
- 11:25 AM **"Hepatic triglyceride hydrolases"**
Richard Lehner, Ph.D., University of Alberta, Edmonton,
Alberta, Canada
- 12:15 – 1:30 PM **Lunch**
Rocky Mountain Garden

Tuesday, August 9, 8:00 am - 12:30 pm

- Session IV:** **Lipid Delivery To, and Pathobiology of, Specific Organs**
Session Chairs: Margrit Schwarz, Ph.D., Amgen, South San Francisco, California
Michael Trauner, M.D., Medical University of Vienna, Vienna, Austria
- 8:00 AM **Introduction and Presentation of the David L. Williams Lectureship Award**
Larry Rudel, Ph.D., Professor of Pathology and Biochemistry, Director of the Section on Lipid Sciences, Wake Forest University School of Medicine, Winston-Salem, North Carolina
- 8:05 AM **David L. Williams Lecture: “Intestinal specific LXR activation stimulates reverse cholesterol transport and protects from atherosclerosis”**
Antonio Moschetta, M.D., Ph.D., Consorzio Mario Negri Sud, Santa Maria Imbaro (Chieti), Italy
- 8:55 AM **“Re-routing lipids away from muscle and brain”**
Robert Eckel, M.D, President, Kern Lipid Conference
University of Colorado Anschutz Medical Campus, Aurora, Colorado
- 9:45 AM **“ER stress, lipogenesis and their contributions to NAFLD”**
Fabienne Foufelle, Ph.D., INSERM, Paris, France
- 10:30 AM **Break**
- 10:50 AM **“ApoC-III modulation of NAFLD”**
Gerald Shulman, M.D., Ph.D., Yale University, New Haven, Connecticut
- 11:40 AM **“Role of lipids in diabetes and age related kidney disease”**
Moshe Levi, M.D., University of Colorado Anschutz Medical Campus, Aurora, Colorado
- 12:20 PM **Closing Remarks**
Robert Eckel, M.D, President, Kern Lipid Conference
University of Colorado Denver, Anschutz Medical Campus, Aurora, CO
- 12:30 PM **Adjourn**