**Kern Aspen Lipid Conference**  
**2010 Preliminary Program Agenda**

**“Lipids, Inflammation, and Stress Reactions in Atherosclerosis: Mechanisms, Imaging, and Therapy”**

Conference Co-Chairs: Mary Sorci-Thomas, Ph.D., Ira Tabas, M.D., Ph.D., and Jean Schaffer, M.D.

**Saturday, August 21, 1:00 pm - 7:30 pm**

12:00-1:00 PM  
Conference Check-In

1:00 PM  
**Introduction and Comments**  
Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference  
University of Colorado Denver, Anschutz Medical Campus, Aurora, CO

**Session I: Initiation of Atherosclerosis: Role of Immune Cells**  
Session Chair: John Parks, Ph.D., Wake Forest University School of Medicine, Winston-Salem, NC

1:05 PM  
**“Unraveling the Initiation of Atherosclerosis”**  
Myron Cybulsky, M.D., Professor, Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada

1:55 PM  
**“Chemokines as Therapeutic Targets in Atherosclerosis”**  
Christian Weber, M.D., Professor of Medicine, Director, Institute for Molecular Cardiovascular Research, RWTH Aachen University, Germany

2:45 PM  
**Break**

3:05 PM  
**“Quantitative Tracking of Monocyte-Derived Cell Fate in Atherosclerosis”**  
Gwendalyn Randolph Ph.D., Associate Professor, Department of Gene and Cell Medicine, Mt Sinai School of Medicine, New York, NY

3:55 PM  
**“ABC Transporters, Hematopoietic Stem Cells and Atherosclerosis”**  
Alan Tall, M.D., Tilden-Weger-Biele Professor of Medicine (Molecular Medicine) and Professor of Physiology and Cellular Biophysics, Columbia University, New York, NY

4:45 PM  
**Introduction and Presentation of the Roger Davis Award for Transitional Faculty**  
Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference  
University of Colorado Denver, Anschutz Medical Campus, Aurora, CO

4:50 PM  
**Roger Davis Lecture: TBA**

5:45 PM  
**Reception & Evening Poster Session**  
Garden of the Given Institute
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**Sunday, August 22, 8:30 am - 12:15 pm**

| Session II: | Cholesterol Regulation and Inflammatory Response in Atherosclerosis  
| Session Chair: Roger Newton, Ph.D., Esperion Therapeutics, Plymouth, MI |
| 8:30 AM | TBA |
| 9:20 AM | “HDL, Autoimmunity and Atherosclerosis”  
Mary Sorci-Thomas, Ph.D., Professor of Pathology/Lipid Sciences, Wake Forest University School of Medicine, Winston-Salem, NC |
| 10:10 AM | Break |
| 10:30 AM | “Implications of the Macrophage Proteome for Atherogenesis”  
Jay Heinecke, M.D., Karasinski Chair in Metabolic Research, Professor of Medicine, University of Washington, Seattle, WA |
| 11:20 AM | Introduction and Presentation of the David L. Williams Lectureship Award  
Larry Rudel, PhD., Professor of Biochemistry, Wake Forest University School of Medicine, Winston-Salem, NC |
| 11:25 AM | David L. Williams Lecture: TBA |
| 12:15 PM | Lunch  
Garden of the Given Institute |
| 6:00 - 10:00 PM | Reception and Dinner  
Garden of the Given Institute |

**Monday, August 23, 8:30 am - 12:15 pm**

| Session III: | Lesion Progression in Atherosclerosis: Inflammation and ER Stress  
Session Chair: Ira Tabas, M.D. PhD, Columbia University, New York, NY |
| 8:30 AM | “Atherosclerosis – an Unfortunate Mix of Lipids and Inflammation Whipped Up TLRS”  
Linda K. Curtiss, Ph.D., Professor, Department of Immunology, The Scripps Research Institute, La Jolla, CA |
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9:20 AM  “ImmuneModulatory T Cell Responses in Atherosclerosis”  
Ziad Mallat, M.D., Ph.D., Director of Research, French National Institute for Health and Medical Research (INSERM), Paris, France

10:10 AM  Break

10:30 AM  "The Role of ER Stress in Advanced Atherosclerosis"  
Ira Tabas, M.D., Ph.D., Richard J. Stock Professor and Vice Chairman Department of Pharmacology, Director, Vascular Biology & Therapeutics Program, Columbia University, New York, NY

11:20 AM  Introduction and Presentation of the Kern Lectureship Award  
Ira Tabas, M.D., Ph.D., Columbia University, New York, NY

11:25 AM  Kern Lecture: “A Novel Genesis of Pro-Resolving Lipid Mediators in Inflammation – Resolution”  
Charles N. Serhan, Ph.D., Simon Gelman Professor of Anesthesia, Brigham and Women’s Hospital, Division of Medical Sciences Harvard University, Boston, MA

12:15 PM  Lunch  
Garden of the Given Institute

Tuesday, August 24, 8:00 am - 12:00 pm

Session IV: Novel Approaches to Arterial-Based Imaging and Therapy  
Session Chair: Jake Lusis, Ph.D., University of California at Los Angeles

8:00 AM  “Phenotypic Diversity of Mouse Monocyte-derived Cells in Plaques During Atherosclerosis Regression”  
Ed Fisher, MD. Ph.D., Leon H. Charney Professor of Cardiovascular Medicine, New York University, New York, NY

8:50 AM  “CT and MRI Imaging and Targeted Drug Delivery in Atherosclerosis”  
Zahi Fayad Ph.D. Departments of Radiology and Medicine. Director, Translational and Molecular Imaging Institute, Mount Sinai School of Medicine, New York, NY

9:40 AM  “PET and Optical Molecular Imaging of Atherosclerosis”  
Ahmed Tawakol, MD. Co-Director of the Vulnerable Plaque Program, and Associate Director of the Nuclear Cardiology Program at Massachusetts General Hospital, Boston, MA

10:30 AM  Break
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Mechanisms, Imaging, and Therapy”

10:50 AM  “Signal Integration by LRP1 Protects from Atherosclerosis and is  
Crucial for Vascular Wall Integrity”  
Joachim Herz, M.D., Thomas O. Hicks Family Distinguished Chair in  
Alzheimer’s Disease Research, Department of Biophysics and Molecular  
Genetics, UT Southwestern, Dallas, TX

11:40 AM  Closing Remarks  
Robert Eckel, M.D, President, Kern Aspen Lipid Conference  
University of Colorado Denver, Anschutz Medical Campus, Aurora, CO

12:00 PM  Adjourn