

***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**

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| 12:00-1:00 PM     | <b>Conference Check-In</b>   |
| 1:00 PM           | <b>Introduction and Comments</b><br>Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference<br>University of Colorado Denver, Anschutz Medical Campus, Aurora, CO  |
| <u>Session I:</u> | <b>Initiation of Atherosclerosis: Role of Immune Cells</b><br>Session Chair: John Parks, Ph.D., Wake Forest University School of<br>Medicine, Winston-Salem, NC  |
| 1:05 PM           | <b>“Unraveling the Initiation of Atherosclerosis”</b><br>Myron Cybulsky, M.D., Professor, Department of Laboratory Medicine<br>and Pathobiology, University of Toronto, Toronto, ON, Canada  |
| 1:55 PM           | <b>“Chemokines as Therapeutic Targets in Atherosclerosis”</b><br>Christian Weber, M.D., Professor of Medicine, Director, Institute for<br>Molecular Cardiovascular Research, RWTH Aachen University, Germany   |
| 2:45 PM           | <b>Break</b>   |
| 3:05 PM           | <b>“Quantitative Tracking of Monocyte-Derived Cell Fate in<br/>Atherosclerosis”</b><br>Gwendalyn Randolph Ph.D., Associate Professor, Department of Gene<br>and Cell Medicine, Mt Sinai School of Medicine, New York, NY                               |
| 3:55 PM           | <b>“ABC Transporters, Hematopoietic Stem Cells and Atherosclerosis”</b><br>Alan Tall, M.D., Tilden-Weger-Biele Professor of Medicine (Molecular<br>Medicine) and Professor of Physiology and Cellular Biophysics, Columbia<br>University, New York, NY |
| 4:45 PM           | <b>Introduction and Presentation of the Roger Davis Award for<br/>Transitional Faculty</b><br>Robert H. Eckel, M.D., President, Kern Aspen Lipid Conference<br>University of Colorado Denver, Anschutz Medical Campus, Aurora, CO                      |
| 4:50 PM           | <b>Roger Davis Lecture: TBA</b>  |
| 5:45 PM           | <b>Reception &amp; Evening Poster Session</b><br>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                   **“Immunomodulatory 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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- 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**