

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 | 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 |
| <u>Session I:</u> | 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

<u>Session II:</u>	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

<u>Session III:</u>	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**