

**SOUTH EAST LIPID RESEARCH CONFERENCE**  
**Session Schedule**  
**Thursday October 3th - Sunday October 6th**

**OCTOBER 3, THURSDAY**

7:00 p.m - onwards - social

**OCTOBER 4, FRIDAY**

**8:00 - 10:00 a.m. LIPOPROTEIN MODIFICATION AND CELLULAR EFFECTS**

**Chair: Susan Thorpe (University of South Carolina)**

- 8:00 - 8:30 John Baynes (University of South Carolina)  
*Lipoxidative Chemical Modification of Proteins*
- 8:30 - 9:00 Victor Darley-Usmar (University of Alabama at Birmingham)  
*Mechanisms of cytotoxicity and cytoprotection mediated by oxidized lipids*
- 9:00 - 9:30 Howard Kruth (National Institutes of Health)  
*Macrophage processing of aggregated LDL*
- 9:30 - 10:00 Maria Lopes-Virella (Medical University of South Carolina)  
*LDL immune complexes and diabetic complications*

**10:15 - 12:15 a.m. LIPOPROTEIN SYNTHESIS AND CATABOLISM**

**Chair: Mary Sorci-Thomas (Wake Forest University)**

- 10:15 - 10:45 John Parks (Wake Forest University)  
*HDL Metabolism: Exploration of a Novel Pathway*
- 10:45 - 11:15 Nancy Webb (University of Kentucky)  
*The fate of HDL particles in vivo after selective lipid uptake*
- 11:15 - 11:30 Ling Li and Jere Segrest (University of Alabama at Birmingham)  
*Structure of apolipoproteins A1: Lessons from site-directed mutagenesis and molecular dynamics*
- 11:45 - 12:15 Mary Sorci-Thomas (Wake Forest University)  
*Dietary Studies in Mice Lacking both LDL receptors and Apo A-I*

**6:00 - 8:00 p.m. LEUKOCYTES - THEIR ENZYMES AND SECRETORY PRODUCTS**

**Chair: MacRae Linton (Vanderbilt University)**

- 6:00 - 6:30 Stewart Whitman (Ottawa Heart Institute)  
*Th1 cytokines*
- 6:30 - 7:00 Nageswara Madamanchi (University of North Carolina)  
*NADPH Oxidase*
- 7:00 - 7:30 Amy Major (Vanderbilt)  
*B lymphocytes*
- 7:30 - 8:00 Yuqin Hou (University of Virginia)  
*Role of chemokines in monocyte recruitment to atherosclerotic lesions*

**OCTOBER 5, SATURDAY**

**8:00 - 10:00 a.m. CELLULAR CHOLESTEROL TRAFFICKING**

**Chair: Silvia Santamaria Fojo (National Institutes of Health)**

- 8:00 - 8:30 Shailesh Patel (Medical University of South Carolina)  
*New ABC transporters that regulate dietary sterol trafficking*
- 8:30 - 9:00 Charles Joyce and Justina Wu (National Institutes of Health)  
*Role of ABC transporters in sterol homeostasis and atherosclerosis*
- 9:00 - 9:30 Jerry Reagan (Wake Forest University)  
*Cholesterol-mediated regulation of acid sphingomyelinase activity and intracellular trafficking*
- 9:30 - 10:00 Larry Rudel (Wake Forest University)  
*ACAT 2, hypercholesterolemia and atherosclerosis*

**10:15 - 12:15 a.m. MODIFIERS OF ATHEROSCLEROSIS**

**Chair: Alan Daugherty (University of Kentucky)**

10:15 - 10:45 Nobuyo Maeda (University of North Carolina)  
*Hypertension*

10:45 - 11:15 Alyssa Hasty (Vanderbilt University)  
*Diabetes*

11:15 - 11:45 Josiah Wilcox (Emory University)  
*The adventitia*

11:45 - 12:15 Alan Daugherty (University of Kentucky)  
*Angiotensin*

**4:00 - 6:00 POSTER SESSION.**

Judging for best poster in student and fellow category. Wine and cheese

6:00 - 6:30 Hospitality bar

6:30 - 7:30 Dinner

**7:30 - 8:15 KEYNOTE SPEAKER**

Daniel Rader (University of Pennsylvania)  
*New approaches to targeting HDL metabolism in treating atherosclerosis*

8:20 Awards for best student and fellow posters

**OCTOBER 6, SUNDAY**

**8:00 - 11:45 CLINICAL ASPECTS OF LIPID AND VASCULAR DISEASE**

**(CME Credit will be offered for this session)**

**Chair: Daniel Rader (University of Pennsylvania)**

**SESSION I - ADVANCED LIPOPROTEIN CHARACTERIZATION**

8:00 - 8:15 Daniel Rader (University of Pennsylvania)  
*Introduction*

8:15 - 8:45 Petar Alaupovic (University of Oklahoma)  
*Chemical, metabolic and pathophysiologic properties of apoB-containing lipoproteins subclasses*

8:45 - 9:15 Jim Otvos (Liposcience)  
*NMR Measurement of Lipoprotein Particles and Its Clinical Implications*

9:15 - 9:45 Richard Lanman (Atherotech)  
*LDL Risk Stratification*

9:45 - 10:15 Moderated Discussion

**SESSION II - NEW ASPECTS OF CLINICAL MANAGEMENT**

10:30 - 11:00 Karen Friday (Tulane University)  
*The Estrogen/Hormone Therapy Dilemma: What to Do Now?*

11:00 - 11:30 Greg Brown (University of Washington)

11:30 - 11:45 Moderated Discussion