

10th Southeastern Lipid Conference
Callaway Gardens , Georgia October 4th-7th 2001

Friday, October 5th

Session I **VLDL Assembly**
Chair: Larry Swift

Vanderbilt University School of Medicine

8:00 AM **Analysis of Assembly Intermediates during ApoB-Containing Lipoprotein Particle Formation**
Greg Shelness Wake Forest University

8:30 AM **ApoB Transport in the Secretory Pathway--Studies with Confocal Microscopy**
Joe Dixon Univ. of Missouri, Columbia

9:00 AM **The N-Terminal Domain of Apo B Associates with Microsomal Triglyceride Transfer Protein to create a Lipid Transfer Pocket required for Lipoprotein Assembly**
Nassrin Dashti Univ. of Alabama at Birmingham

9:30 AM **Hepatic VLDL Formation: Does Assembly Continue Post ER?**
Larry Swift Vanderbilt University

10:00 AM ---- **B- R – E – A – K**

Session II **HDL Metabolism**
Chair: Larry Rudel

Wake Forest University School of Medicine

10:30 AM **HDL subfraction metabolism in human apolipoprotein A-I transgenic mice**
Lorraine Lanningham-Foster, James W. Furbee, Jr., Thomas Smith, and John S. Parks,
Wake Forest University

11:00 AM **ApoA-I on HDL is required for maximal selective CE uptake via SR-B1**
Ryan E. Temel and David L. Williams State University of New York, Stony Brook

11:30 AM **SR-BI and its ligands**
Deneys R. van der Westhuyzen, Lei Cai, Debin Lan, Marcielle C. de Beer
University of Kentucky, Lexington

12:00 Noon **The roles of cubilin and megalin in HDL metabolism and embryonic development**
W. Scott Argraves Medical University of South Carolina

12:30 PM **LUNCH**

Session III: ABC-A1

Chair: Alan Remaley NHLBI, Clinical Patholgy, Bethesda MD

- 8:00 PM **Protein acceptor specificity for lipid efflux by ABCA1**
Alan Remaley NHLBI, Clinical Path, Bethesda MD
- 8:30 PM **The Role of Late Endosomal ABC Transporters in Cholesterol Trafficking and efflux**
Ed Neufeld NHLBI, Clinical Path, Bethesda MD
- 9:00 PM **Cholesterol Efflux and ABCA1**
Armando Mendez University of Miami
- 9:30 PM **Toward the design of peptide mimics of antiatherogenic apolipoproteins**
G. M. Anantharamiah University of Alabama at Birmingham
- 10:00 PM

Saturday October 6th

Session IV: Macrophages and Atherogenesis

Chairmen: MacRae Linton & Sergio Fazio Vanderbilt University

- 8:00 AM **Potential of serum from postmenopausal monkeys treated with tibolone or conjugated equine estrogens to stimulate cholesterol efflux from cells, relationships to plasma lipoprotein concentrations and atherosclerosis**
Richard W. St. Clair, Tomi S.Mikkola, Mary S.Anthony, and Thomas B.Clarkson
Wake Forest University
- 8:30 AM **Macrophage fatty acid binding protein aP2 in atherosclerosis**
Jeff Boord Vanderbilt University
- 9:00 AM **Mechanisms of vascular oxidative stress in atherosclerosis: Promotion of macrophage infiltration**
Ulf Landmesser Emory University
- 9:30 AM **Macrophage matrix metalloproteinases and atheroma: foes or friends**
Zorina Galis Emory University
- 10:00 am ---- **B- R - E - A - K**

Session V Inflammatory Mediators of Atherosclerosis

Chair: Alan Daugherty University of Kentucky, Lexington

- 10:30 AM **Angiotensin II**
Bob Taylor Emory University
- 11:00 AM **Cyclooxygenase-2**
Mac Linton Vanderbilt University
- 11:30 AM **Interleukin-10**
Laura Pinderski University of Alabama, Birmingham
- 12:00 Noon **Interferon-gamma**
Alan Daugherty University of Kentucky, Lexington
- 12:30 PM **LUNCH**

7:00 PM **Banquet**

Title: Scavenger Receptor BI: Overview and Recent Developments

Key Note Speaker: David L. Williams, Ph.D.
Professor and Interim Chair
Pharmacological Sciences
University Medical Center
SUNY at Stony Brook

Sunday October 7, 2001.

Session V: Clinically Relevant Studies

Chairmen: Robin Crouse
Virgil Brown

Wake Forest University
Emory University

- 8:00 AM **Development of Non-Invasive Evaluation of CVD**
Robin Crouse Wake Forest University
- 8:30 AM **EBCT/Calcium Score and Lipoprotein Correlates.**
Anh Le Emory University
- 9:00 AM **Peripheral Vascular Compliance as a Measure of
Coronary Arteriosclerosis**
Warren Davis Emory University
- 9:30 AM **Apolipoprotein C-III Concentrations in Plasma and Gene
Polymorphism in Type I Diabetics.**
Richard Klein Medical University of S.C.
- 10:00 AM ---- **B- R - E - A - K**
- 10:30 AM **The Relationships of CVD to Auto-antibodies to MDA-LDL**
Virgil Brown Emory University
- 11:00 AM **Business Meeting**
- 11:30 AM **END of Meeting**