

Conference chair: Alan T. Remaley, MD, PhD, NIH
Vice Chair: Greg Graf, PhD, Univ. of Kentucky

2014 SELRC Program Schedule

Wednesday, Sept. 10, 2014

7:00 PM: Arrival and Registration

Thursday, Sept. 11, 2014

7:00-7:50 AM: Registration and Continental Breakfast

7:50-8:00 AM: Welcoming and Opening, Alan Remaley, MD, PhD

Session 1: HDL, Cholesterol Transport and Inflammation

Moderator: Mary Sorci-Thomas, PhD – Wake Forest University Medical Center

8:00-8:30 AM: Jonathan Smith, Ph.D. – Cleveland Clinic Lerner College of Medicine

“Mechanism of HDL Biogenesis”

8:30-9:00 AM: Ricquita Pollard – Wake Forest University Medical Center

“Role of PCPE2 in HDL Function”

9:00-9:30 AM: Daisy Sahoo, PhD – Medical College of Wisconsin

“Interactions of HDL with Scavenger Receptors: the good, the bad and the ugly”

9:30-10:00 AM: Janusz H. Kabarowski, PhD – University of Alabama at Birmingham

“Mechanism of ApoA-I Mediated Immunosuppression”

10:00-10:30 AM: BREAK

Session 2: Non-Coding RNAs in Lipid Metabolism

Moderator: Kasey Vickers, PhD – Vanderbilt Univ.

10:30-11:00 AM: Praveen Sethupathy, PhD - Univ. of North Carolina- Chapel Hill

"MicroRNA control of lipid homeostasis through epigenetic mechanisms"

11:00-11:30 AM: Charles D Searles Jr., PhD - Emory Univ. School of Medicine

"Intercellular communication by encapsulated microRNAs is altered by coronary heart disease"

11:30-12:00 PM: Amy Major, Vanderbilt Univ. School of Medicine

"HDL-mediated transfer of microRNA regulates autoimmunity"

12:00-12:30 PM: Haiming Cao, PhD, National Heart, Lung and Blood Institute, National Institutes of Health

"A liver-enriched long non-coding RNA regulates systemic lipid metabolism"

12:30-3:30 PM: Lunch on your own and free time.

3:30- 5:00 PM: Special Educational Session on Career Transitions

Graduate Student to Postdoctoral Fellowship and Postdoctoral Fellowship to Faculty Position

Faculty Participants: TBA.

5:30- 7:30 PM: POSTER SESSION AND "LITE BITES" RECEPTION

8:00- 9:15 PM: W. Virgil Brown Keynote Lecture

A Brief History of HDL: Have We Learned Anything Substantial?

Jere Segrest, MD

Professor Dept. of Medicine
Director of Atherosclerosis Research
University of Alabama

Friday, Sept. 12, 2014

7:00-8:00 AM: Continental Breakfast

Session 3: Cardiovascular Biomarkers

Moderator: Peter Wilson, MD – Emory Univ.

8:00-8:30 AM: Peter Wilson, MD – Emory University

“New ATP4 cardiovascular guidelines”

8:30-9:00 AM: Szilard Voros, MD. – Stony Brook University
And Global Genomics Group, LLC

“Leveraging precision phenotyping and panomics to gain new insight into the biology of atherosclerosis”

9:00-9:30 AM: James Otvos, PhD – LipoScience Corp.

“NMR analysis of lipoprotein particle number and size for cardiovascular risk assessment”

9:30-10:00 AM: Hubert Vesper, PhD - Centers for Disease Control and Prevention

“CDC Lipid Standardization Program to improve and ensure the accuracy of cardiovascular biomarker testing in patient care and research”

10:00-10:30 AM: Break

Session 4: Lipoprotein Biology

Moderator: Nancy Webb, PHD- Univ. of Kentucky

10:30-11:00 AM: Edward Neufeld, PhD – National Heart, Lung and Blood Institute,
National Institutes of Health

“ABCG1 at the plasma membrane and late endocytic compartments mobilizes non-sphingomyelin-associated pools of cholesterol for esterification and efflux”

11:00-11:30 AM: Xiang-an Li, PhD. – Univ of Kentucky

“Novel function of HDL - regulating thymocyte apoptosis in sepsis”

11:30-12:00 PM: Ryan Allen, PhD – Univ. of Kentucky

“Control of very-low density lipoprotein secretion by microRNA-33”

12:00-12:15 PM: Student talk-TBA

12:15-12:30 PM: Student talk-TBA

12:30-3:30 PM: Lunch and Free Time

3:30-5:00 PM: Chalk talk for postdoctoral fellows (light refreshments provided)

Session 5: New Cardiovascular Therapies

Moderator: Mike Davidson, MD- Univ. of Chicago

5:30-6:00 PM: Mike Davidson, MD- Univ. of Chicago

“Emerging Therapies for Dyslipidemia”

6:00-6:30 PM: Marcelo Amar, MD – National Heart, Lung and Blood Institute,
National Institutes of Health

“PCSK9 vaccine for lowering LDL-C”

6:30-7:00 PM: Roger Newton, MD. – Esperion

“ETC-1002 for the treatment of dyslipidemia”

7:00-7:30 PM: Norman Wong, PhD –Univ. of Calgary

“RVX-208; a BET inhibitor up regulates ApoA-1 in human clinical trials.”

7:30 PM: DINNER ON YOUR OWN

Saturday, Sept. 13, 2014

7:00-8:00 AM: Continental Breakfast

Session 6: Bioactive Lipids

Moderator: Chris Ramsden, MD – National Institute on Alcohol Abuse and Alcoholism, NIH

8:00-8:30 AM: Chris Ramsden, MD – National Institute on Alcohol Abuse and Alcoholism, NIH

“Dietary modulation of nociceptive mediators and physical pain”

8:30-9:00 AM: Zhen-Zhong Xu, PhD - Duke University Medical Center

“Anti-nociceptive lipid mediators”

9:00-9:30 AM: Laurence Sperling, MD, - Emory University School of Medicine

“Omega 3's and CVD: Something Fishy?”

9:30-10:00 AM: Joseph Hibbeln, MD - National Institute on Alcohol Abuse and Alcoholism, NIH

“Lipid mediators and neuropsychiatric disease”

10:00-10:30 AM: Break

Session 7: Hepatic Fat Metabolism

Moderator: Greg Graf, PhD – Univ. of Kentucky

10:30-11:00 AM: Frank A. Anania, MD - Emory Univ.

“NASH and gut peptides, why bile matters”

11:00-11:30 AM: John M Stafford MD, PhD-Vanderbilt Univ.

“The impact of CETP on hepatic insulin signaling”

11:30-12:00 PM: Eriks Smagris, MD- UT Southwestern

“Genetics of NAFLD”

12:00-12:30 PM: Sonja Pijut, Pharm D, Univ. of Kentucky

“Peripheral oscillators in metabolic disease”

12:00-12:30 PM: Closing Comments and Adjournment

Alan Remaley and Greg Graf