

DON FREDRICKSON



LIPID RESEARCH CONFERENCE

Lipid Metabolism, Lipoproteins, and Atherosclerosis

September 3-5, 2025

Medical College of Wisconsin

Milwaukee, WI

Wednesday, September 3

3:00 – 4:00 pm

**Bus loops from hotel to *conference location*
Registration | *Location TBD***

4:00 pm Welcome

Alan Mast, Ze Zheng and Mary Sorci Thomas | Medical College of Wisconsin & Versiti
Blood Research Institute

4:15 pm Session 1

Genetics, population diversity, and lipids in CVD

Chair: Brian Parks, PhD | University of Wisconsin, Madison

4:15 pm **Iftikhar J. Kullo, MD** | Mayo Clinic

Investigating biomarkers of cardiovascular risk

4:45 pm **Judith Simcox, PhD** | HHMI Freeman Hrabowski Scholar, University of
Wisconsin Madison

Inter-organ communication through lipids in diverse populations

5:15 pm Oral presentation by ECS selected from submitted abstracts.

5:30 pm Oral presentation by ECS selected from submitted abstracts.

5:45 pm Break

6:00 pm Welcome Reception and Judged Poster Session

8:00 – 8:45 pm

Bus loops from conference location to hotel

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Thursday, September 4

7:00 – 8:00 am Breakfast Meet and Greet | Hotel Location TBD

8:00 – 8:30 am Bus loops form hotel to conference location

8:30 am Session 2

Lipoprotein structure and omics

Chair: Sean Davidson, PhD | University of Cincinnati

8:30 am **Anna Schwendeman, PhD** | University of Michigan
Phospholipid composition of HDL

9:00 am **Chieko Mineo, PhD** | University of Texas Southwestern Medical Center
SR-BI in cardiometabolic health and disease

9:30 am Oral presentation by ECS selected from submitted abstracts.

9:45 am Oral presentation by ECS selected from submitted abstracts.

10:00 am Break

10:15 am Session 3

Larry Rudel Award Lectures

Chairs: Ryan Temel, PhD | University of Kentucky

Mike Widlansky, MD, MPH | Medical College of Wisconsin

10:15 am

10:30 am

10:45 am

11:00 Keynote Address

Ira Tabas, MD, PhD | Columbia University

Efferocytosis and inflammation resolution in cardiometabolic diseases

11:45 am Lunch | Alumni Center

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1:00 pm Session 4

Immune cell lineage/immunity and lipids in CVD

Chair: Edward Benjamin Thorp, PhD | Northwestern University

1:00 pm **Esther Lutgens, MD, PhD** | Mayo Clinic
Immune checkpoints in atherosclerosis

1:30 pm **Komal Sodhi, MD** | Marshall University
Adipocytes in chronic inflammation in obesity and diabetes

2:00 pm Oral presentation by ECS selected from submitted abstracts

2:15 pm Oral presentation by ECS selected from submitted abstracts

2:30 pm Break

2:45 pm Session 5

Microvascular, adipose and lipids

Chair: Irena Levitan, PhD | University of Illinois, Chicago

2:45 pm **Rana Gupta, PhD** | Duke University
Adipose tissue expansion and remodeling in cardiometabolic diseases

3:15 pm **Yuwei Jiang, PhD** | University of Illinois, Chicago
Adipose stem cells in obesity and comorbidities

3:45 pm Oral presentation by ECS selected from submitted abstracts

4:00 pm Oral presentation by ECS selected from submitted abstracts

4:15 pm Break

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4:30 pm **Session 6**

Novel perspectives in lipid research

Chair: Ada Weinstock, PhD | Chicago University

4:30 pm **Jaume Amengual, PhD** | University of Illinois, Champagne Urbana
Carotenoids and vitamin A in lipid metabolism

5:00 pm **Bishuang Cai, PhD** | Icahn School of Medicine at Mt Sinai
Endocytic membrane trafficking in lipid metabolism

5:30 pm **Alan Attie, PhD** | University of Wisconsin Madison
Genetic Drivers of diet-dependent lipid and mRNA Splicing Phenotypes

6:15 pm

Depart for Lakefront Brewery

7:00 pm **Dinner and Tours**

8:30 pm **Bus to Hotel**

Tentative

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Friday, September 5

7:00 – 8:00 am Breakfast Meet and Greet | Hotel Location TBD

8:00 – 8:30 am Bus loops from hotel to conference location

8:30 am Session 7

Lipids in atherothrombosis and hemostasis

Chair: Tessa Barrett, PhD | New York University

8:30 am **Sidney W. Whiteheart, PhD** | University of Kentucky
Platelet membrane trafficking and lipids

9:00am **Woosuk Steve Hur, PhD** | University of North Carolina at Chapel Hill
Plasminogen Activation System in the Pathogenesis of Obesity and Metabolic Syndrome

9:30 am Oral presentation by ECS selected from submitted abstracts

9:45 am Oral presentation by ECS selected from submitted abstracts

10:00 am **Break**

10:15am **Virgil Brown Lecture**

Chair: Roy Silverstein, MD | Medical College of Wisconsin

David Ginsburg, MD | University of Michigan

Cargo Receptors in the ER: From Clotting Factors to Cholesterol Regulation

11:15 am **Trainee Research Blitz**

11:30 am **Awards Ceremony**

11:45 am – Closing Remarks