The HDL Workshop provides an opportunity for researchers in the HDL community to discuss the latest developments in the field. This highly interactive international forum features short talks and stimulating discussions among the attendees and speakers. All times are in CST.

**Day 1: HDL Structure/Function – Saturday, May 18, 2024**

1:30 PM–1:35 PM  **Welcome and Introduction**  
Anna Schwendeman, PhD (Professor Pharmaceutical Sciences, University of Michigan)  
Co-Chair

1:35 PM–2:10 PM  **Apolipoprotein A-I, A Combination Lock that Dictates HDL Maturation**  
Sean Davidson (Professor and Vice Chair for Research, Department of Pathology and Laboratory Medicine, University of Cincinnati)

2:10 PM–2:45 PM  **TBD**  
Scott Gordon, DEG (Job, Organization)

2:45 PM–3:00 PM  **Early Career Abstract Presentation: ApoE Adopts an Antiparallel Dimer in Discoidal Lipoproteins**  
Michael Strickland, PhD (Postdoctoral Research Associate, Dr. Gwendalyn J. Randolph Laboratory, Department of Pathology and Immunology, University of Washington, Saint Louis)

3:00 PM–3:15 PM  **Early Career Abstract Presentation: Trypanosome Lytic Factor 3: A nascent high-density lipoprotein that lyses African Trypanosome**  
Sara Fresard, DEG (Job, Organization)

3:15 PM–3:30 PM  **Coffee Break**

3:30 PM–4:05 PM  **Cuban Policosanol Increases Cholesterol Efflux Capacity as High-Density Lipoprotein Functionality in Healthy Japanese Volunteers**  
Yoshinari Uehara, DEG (Job, Organization)
Day 1: HDL Workshop – Saturday, May 19, 2024

4:05 PM–4:40 PM  ApoA-1 and ApoA-II Proteoform Structure and Function
John Wilkins, DEG (Job, Organization)

4:40 PM–5:15 PM  Mechanisms of ABCA1 lipid translocation and interaction with APOA-I
Stephen (Steve) Aller, PhD (Associate Professor, Department of Pharmacology & Toxicology, University of Alabama at Birmingham)

5:15 – 5:30 PM  Early Career Talk: Correlations of Lipid Species in HDL-sized and Whole Plasma Measured by Mass Spectrometry
Eric Leszczynski, DEG (Job, Organization)

5:30 PM–6:05 PM  Jack Oram Award Winner and Keynote Lecturer
Ana Jonas, Ph.D. (Professor Emerita of Biochemistry, College of Medicine and School of Molecular and Cellular Biology, University of Illinois at Urbana-Champaign)

6:05 PM–8:00 PM  Poster Presentations and Happy Hour

Day 2: Neurodegenerative Disease – Sunday, May 19, 2024

8:30 AM–9:05 AM  TBD
Cheryl Wellington, PhD (Professor & Vice Chair of Research for the Department of Pathology and Laboratory Medicine, Djavad Mowafaghian Center for Brain Health, University of British Columbia)

9:05 AM–9:40 AM  Apolipoprotein A-I in the Brain
Maki Tsujita, PhD (Junior Associate Professor, Graduate School of Medical Sciences, Nagoya City University)

9:40 AM–10:15 AM  TBD
Emily Ricq, DEG (Job, Organization)

10:15 AM–10:35 AM  Coffee Break

10:35 AM–11:10 AM  TBD
TBD, DEG (Job, Organization)

11:10 AM–11:45 AM  Effects of ApoA-I (CSL112) Infusion Post AMI - Mechanistic Perspectives
Bronwyn Kingwell, PhD, FAICD, FAHMS (Executive Director, Research Portfolio Strategy Lead, Research Therapeutic Area Lead (Cardiovascular and Metabolic), CSL Limited)

11:45 AM–12:00 PM  Closing Remarks
Anand Rohatgi, MD, MSCS, FACC, FAHA (Professor of Medicine, Internal Medicine, Division of Cardiology, University of Texas Southwestern Medical Center) Co-Chair
Poster Submissions

- Investigating the Role of Lipoproteins in Macrophage ER Stress
  Jordan Bobek, BS (PhD Candidate, Biochemistry, Medical College of Wisconsin)

- Inhibition of Lecithin Cholesterol acyl Transferase by a Novel Anti-Apolipoprotein A1 Antibody Fragment
  Tabitha Cady, BS (Lab Technician, Sean Davidson Lab, Department of Molecular and Cellular Biosciences, College of Medicine, University of Cincinnati)

- Structural Basis of Apolipoprotein A1 Activation of Lecithin: Cholesterol Acyl Transferase in High Density Lipoproteins
  Bethany Coleman, BS, (PhD Student Sean Davidson Lab, Department of Molecular and Cellular Biosciences, College of Medicine, University of Cincinnati)

- Apolipoprotein A-I Proteoform Profile and its Association with Cardiometabolic Indices in Coronary Artery Disease: The Dallas Heart Study
  Anamika Gangwar, PhD (Postdoctoral Researcher, Department of Internal Medicine-Cardiology, UT Southwestern Medical Center, Dallas, TX)

- Effects of external lymphatic stimulation in participants at risk of CVD exhibiting signs of subclinical lymphatic dysfunction
  Caroline Gavidia Durand, BS (PhD Student, Montreal Heart Institute)

- In vitro Modeling of the Effects of Impaired HDL on Atherogenesis in Long COVID Syndrome
  Theodoros Kelesidis, MD, PhD (Associate Professor, University of Texas Southwestern Medical Center, Department of Medicine, Division of Infectious Diseases)

- Atherosclerosis, Lymphatic System, Inflammation, Cholesterol, Apolipoprotein A-I, Extracellular Vesicles
  Elizabeth LaCroix, BS (PhD Student, Montreal Heart Institute)

- Pioglitazone Improves Apolipoprotein A1-Associated Proteomic Composition More Than Weight Loss in Insulin Resistance
  Shyon Parsa, MD, BS (Internal Medical Resident, Department of Internal Medicine and Stanford Cardiovascular Institute, Stanford University Hospital)

- HDL Cholesterol Confers Exceptional Cardioprotective Benefits in Native Hawaiians and Pacific Islanders
  Austin Szatrowski (Undergraduate Researcher, Department of Medicine, Institute for Genomics & Systems Biology, The University of Chicago & Department of BioHealth Informatics, Luddy School of Informatics, Computing & Engineering Indiana University)

- A Photoconvertible Tool to Track Dynamics of Apolipoprotein A1 at the Cerebrovascular Interface in Cerebral Amyloid Angiopathy
  Kevin Telfer, BS (PhD Candidate, Washington University School of Medicine)
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Abstracts & Bios:

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