



RENAL SYMPOSIUM

Thursday, April 5, 2018

8:30 AM - 9:00 AM

Registration & Continental Breakfast
Finley Conference Center
Kaul Human Genetics Building

9:00 AM

Welcome – Bradley Yoder, Ph.D., (HRFDCC)
Anupam Agarwal, M.D., (O'Brien Center)

Session I: Biology of Cystic Kidney Disorders
Chair, Kurt Zimmerman, Ph.D.

9:10 - 9:40 AM

Dennis Brown, PhD, Professor of Medicine, Harvard Medical School
Director, MGH Program in Membrane Biology, Division of Nephrology
Massachusetts General Hospital
"A New Role for Intercalated Cells in Renal Inflammation and AKI via P2Y₁₄ Signaling"

9:40 - 10:10 AM

Vishal Patel, MD, Assistant Professor
Department of Internal Medicine
University of Texas Southwestern Medical Center
"MicroRNA-based drugs for Polycystic Kidney Disease"

10:10 - 10:40 AM

BREAK

10:40 - 11:10 AM

Benjamin Freedman, PhD, Assistant Professor
Department of Medicine, Division of Nephrology
University of Washington
"A Human Organoid Model of Polycystic Kidney Disease"

11:15 - 11:55 AM

LUNCH - Boxes will be served

12:00 - 1:00 PM

The 2nd Annual James A. Schafer Lectureship

Introduction - Anupam Agarwal, M.D.

Lisa Satlin, MD

Professor and Systems Chair

Department of Pediatrics

Mount Sinai Hospital

"Cell-specific Function and Regulation of Mechanosensitive Ion Channels in the Distal Nephron"

1:00 – 1:15 P.M.

BREAK

Session II: Biology of Acute Kidney Injury

Chair

1:20 - 1:50 PM

Subhashini Bolisetty, PhD, Assistant Professor
Department of Medicine, Division of Nephrology
University of Alabama at Birmingham
"Iron and Ferritin in the Pathogenesis of AKI"

1:50 - 2:20 PM

Janos Peti-Peterdi, MD, PhD., Professor
Department of Physiology and Neurosciences, and Medicine
University of Southern California
"Novel Mechanisms of Endogenous Nephron Repair"

2:20 - 3:00 PM

Kelly Hyndman, PhD., Assistant Professor
Department of Medicine, Division of Nephrology
University of Alabama at Birmingham
"Histone Deacetylases in Renal Ischemia Reperfusion Injury – Impact on Fibrosis and Repair"

3:00 - 3:15 PM

Discussion