Wednesday, 2/20/19

7:00 – 8:00 AM  Continental Breakfast - (Frenchman II – 2nd floor)

8:00 – 8:15 AM  Welcome & Opening Remarks  
Paul Sanders, MD  
Thomas E. Andreoli Endowed Chair in Nephrology  
Director, Nephrology Research & Training Center  
University of Alabama at Birmingham

8:15 – 9:00 AM  Keynote Address  
“My Life in Science: Lessons Learned from the Road Less Traveled”  
Leslie Gewin, MD  
Assistant Professor of Medicine, Division of Nephrology,  
Vanderbilt University Medical Center

9:00 – 9:15 AM  CR-01 – Ayman M. Alghamdi, MBBS, Ochsner Clinic Foundation  
Assessment of Utility of Urine Sediment Microscopy in Hepatorenal Acute Kidney Injury

Impact of Pulmonary Hypertension Subtype on Mortality in Chronic Kidney Disease

9:30 – 9:45 AM  CR-03 – Crystal Farrington, DO, University of Alabama at Birmingham  
The Microbiology, Clinical Presentation, and Complications of the Dialysis Catheter-Related Bloodstream Infections

9:45 – 10:00 AM  Break (Frenchman II, 2nd floor)

10:00 – 10:15 AM  CR-04 – Manuel E. Gonzalez, MD, Ochsner Clinic Foundation  
Diagnostic Utility of Serial Microscopic Examination of the Urinary Sediment in Acute Kidney Injury

10:15 – 10:30 AM  CR-05 – Michael W. Holliday, Jr., MD, PhD, Baylor College of Medicine  
Survey of Migrant Dialysis Patients Disclosures a Majority with Paraquat or Other Agrochemical Exposure: A Potential Etiology for Mesoamerican Nephropathy

10:30 – 10:45 AM  CR-06 – Murad Kheetan, MBBS, University of Alabama at Birmingham  
Lactated Ringer’s and Hyperkalemia in Advanced Kidney Disease
10:45 – 11:00 AM  **CR-07 – Akihiro Kuma, MD, PhD, Emory University**
Upregulation of a Urea Transporter in Uremic Heart is Linked to Cardiac Fibrosis

11:00 – 11:15 AM  **BS-01 – Mark G. Athanason, PhD, Vanderbilt University Medical Center**
7S dodecamer of Collagen IV as Substrate of Lysyl Oxidase like-2 for the Screening of Inhibitory Compounds

11:15 – 11:30 AM  **BS-02 – Trayambak Basak, PhD, Vanderbilt University Medical Center**
Pharmacological Inhibition of Lysyl Oxidase-like 2 Ameliorates Glomerulosclerosis in Diabetic Nephropathy

11:30 – 11:45 AM  **BS-03 – Selene Colon, PhD, Vanderbilt University Medical Center**
Divergent Compartment Specific Roles for Peroxidasin After Kidney Injury

11:45 – 12:00 Noon  **BS-04 – G. Ryan Crislip, PhD, University of Florida**
Kidney-Specific Role of the Circadian Clock Protein BMAL1 in Blood Pressure Control in Male and Female Mice

12:00 – 1:00 PM  **Lunch (Frenchman II, 2nd Floor)**

1:00 – 1:15 PM  **BS-05 – Supapron Kulthinee, PhD, Tulane University Health Sciences Center**
Interactions Between Purinergic P2X Receptors and Angiotensin AT1 Receptor In Regulating Renal Afferent Arteriolar Resistance in Angiotensin II Dependent Hypertension

1:15 – 1:30 PM  **BS-06 – Hao Liu, MD, University of Texas Southwestern Medical Center**
Location and Role of Ctnnd1 in Glomerular Development

1:30 – 1:45 PM  **BS-07 – Riyaz Mohamed, PhD, Augusta University**
Prevention of Vascular Congestion Improves Renal Recovery and Function Post Renal Ischemia Reperfusion in Male Spontaneous Hypertensive Rats (SHR)

1:45 – 2:00 PM  **BS-08 – Shirin Pourafshar, PhD, University of Virginia**
Effect of Parenchymal versus Hematopoietic GSTM1 Deficiency on Renal Inflammation and Injury in Ang II-HTN

2:00 – 2:15 PM  **BS-09 – Sunil Rangarajan, MBBS, University of Alabama at Birmingham**
Immunoglobulin Free Light Chains Cause Progressive Kidney Disease and Fibrosis via STAT1-Dependent Mechanisms.

2:15 – 2:30 PM  **Break (Frenchman II, 2nd Floor)**

2:30 – 2:45 PM  **BS-10 – Fitra Rianto, MD, Emory University**
Mice Lacking Inner Medullary Urea Transporters have Reduced Renal Fibrosis Following Unilateral Ureteral Obstruction

2:45 – 3:00 PM  **BS-11 – Ashish Solanki, MSc, PhD, Medical University of South Carolina**
Recessive Mutations in the Kirrel Gene in Human Nephrotic Syndrome
3:00 – 3:15 PM  
**BS-12** – *Anju Sreelatha, PhD, University of Texas Southwestern Medical Center*
Protein AMPylation by an Evolutionarily Conserved Pseudokinase

3:15 – 3:30 PM  
**BS-13** – *Shinji Tanaka, MD, PhD, University of Virginia*
Both Efferent and Afferent Vagus Neurons Contribute to the Protective Effect of Vagus Nerve Stimulation in Acute Kidney Injury

3:30 – 3:45 PM  
**BS-14** – *Bruna Visniauskas, PhD, Tulane University Health Sciences Center*
Activation of Prorenin Receptor (PRR) Stimulates Production of TNFα and IL-6 in Murine Macrophages

4:00 – 6:00 PM  
**Break**

6:00 – 6:10 PM  
Meet in hotel lobby for departure to dinner

6:30 PM  
Dinner & Awards Presentations – Antoine’s – Twelfth Night Room (713 St. Louis St)  
(Casual Business Attire. Collared shirts for men; jackets preferred but not required.)