TENTATIVE AGENDA

Sunday June 23, 2019

6:00-6:15PM Welcome and Opening Remarks

6:15-6:30PM Keynote Address: “New Frontiers in Kidney Research: Overview of the Field”
Session Chair: Pablo Ortiz, PhD, Henry Ford Hospital, and a junior investigator
Speaker: Donald Kohan, M.D., Univ. of Utah

6:30PM Reception and Dinner

Monday June 24, 2019

8:00-10:00AM
Session 1: Circadian biology of renal and cardiovascular and function
Session Chair: Michelle Gumz, PhD, Univ. of Florida

Tentative Title 1: Impact of circadian biology on renal and cardiovascular function
Speaker 1: Martin Young, PhD, Univ. of Alabama at Birmingham

Tentative Title 2: Loss of endothelin B receptor function impairs sodium excretion in a time- and sex dependent manner
Speaker 2: Jermaine Johnston, Graduate Student, Univ. of Alabama at Birmingham

Tentative Title 3: Circadian biology of blood pressure control and aldosterone
Speaker 3: Saurabh Thosar, Oregon Health Sciences Univ.

Four abstract-driven presentations by trainees and early career investigators

10:00 – 10:30AM
Break

10:30-12:30PM
Session 2: Renal consequences of obesity, metabolic syndrome and diabetes
Session Chair: Lilach Lerman, MD, PhD, Mayo Clinic

Tentative Title 1: Obesity, ENaC and hypertension in mice
Speaker 1: Vivek Bhalla. MD, PhD, Stanford Univ.
Tentative Title 2: Insulin and glucose effects on renal Na handling  
Speaker 2: Michael Brands PhD, Augusta Univ.

Tentative Title 3: Renal consequences of metabolic syndrome  
Speaker 3: Alfonso Erin, MD, Mayo Clinic

Four abstract-driven presentations by trainees and early career investigators

**12:30-1:30PM**  
Lunch

**1:30-3:30PM**  
*Workshop on sex and gender as research variables*  
Expert panel chaired by Jennifer Sullivan, PhD and another senior scientist with a track record in sex and gender research.

**5:00-6:30PM**  
Poster Session 1

**6:30-7:30PM**  
Dinner

**7:30-9:10PM**  
*Session 3: New signaling pathways in the control of renal function*  
Session Chair: Jen Pluznick, Johns Hopkins Univ. School of Medicine, and a senior investigator

Tentative Title 1: Extra sensory perception: Olfaction in the kidney  
Speaker 1: Jennifer Pluznick, PhD, Johns Hopkins Univ. School of Medicine

Tentative Title 2: Extra sensory perception: Role of sweet taste receptors in renal function  
Speaker 2: Pablo Ortiz, PhD, Henry Ford Hospital

Tentative Title 3: Receptor mediated endocytosis in proximal tubule function  
Speaker 3: Ora Weisz, PhD, Pittsburgh Univ.

Tentative Title 4: EGFR and Hippo pathway in renal function  
Speaker 4: Ray Harris, MD, Vanderbilt Univ.

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**Tuesday June 25, 2019**

**8:00-10:00AM**  
*Session 4: The new life of the JGA*  
Session Chair: Ruisheng Liu MD, PhD, Univ. of South Florida and senior investigator

Tentative Title 1: New developments on mesangial cell imaging in vivo  
Speaker 1: Janos Peti-Peterdi, PhD, Univ. of Southern California

As of 12.14.18
Tentative Title 2: The control of renin exocytosis
Speaker 2: Mariela Mendez, PhD, Henry Ford Hospital

Tentative Title 3: Control of renin expression: Molecular mechanisms and pathophysiological relevance
Speaker 3: Vladimir Todorov, PhD, Univ. Hospital Carl Gustav Carus, Technische Universität Dresden

Four abstract-driven presentations by trainees and early career investigators

10:00 – 10:30AM
Break

10:30-12:30PM
Session 5: Immune system contributions to renal tubular transport, hemodynamics and hypertension
Session Chair: Michael Hultström, MD, PhD, Uppsala Univ.
Tentative Title: Relationship of immune activation and oxidation on renal injury in hypertension.
Speaker 1: Hanna A. Itani, PhD, Vanderbilt Univ.

Tentative Title 2: TNF-alpha in the regulation of renal ion transport
Speaker 2: Nicholas Ferreri, PhD, NY Medical College

Tentative Title 3: Immune mechanisms of renal injury in salt-sensitive hypertension
Speaker 3: David Mattson, PhD, Medical College of Wisconsin

Four abstract-driven presentations by trainees and early career investigators

12:30-1:30PM
Lunch

1:30-5:00PM
Free Time

5:00-6:30PM
Poster Session 2

6:30-7:30PM
Dinner

7:30-9:10PM
Session 6: The kidney and hypertension
Session chair: Alexander Staruschenko, PhD, Medical College of Wisconsin

Tentative Title 1: Renal ion transport and hypertension phenotypes
Speaker 1: Gerardo Gamba, MD, National Univ. of Mexico
Tentative Title 2: The NO and superoxide balance hypothesis for tubular ion transport
Speaker 2: Jeffrey Garvin, PhD, Case Western Reserve Univ.

Tentative Title 3: The NO and superoxide balance hypothesis for afferent arterioles
Speaker 3: Chris Wilcox, MD, Georgetown Univ.

Tentative Title 4: Potassium transport control of sodium transport in the kidney
Speaker 4: Paul Welling, MD, Univ. of Maryland

Wednesday June 26, 2019

8:00-10:00AM
Session 7: Autacoids and prostaglandins in renal function and disease
Session Chair: Michal Schwartzman, PhD, New York Medical College

Tentative Title 1: New roles for 20-HETE in renal hemodynamics and hypertension
Speaker 1: Victor Garcia, PhD, New York Medical College

Tentative Title 2: Autocrine actions of ET-1 on the renal medulla
Speaker 2: Kelly Hyndman, PhD, Univ. of Alabama at Birmingham

Tentative Title 3: The function and significance of the nephron (pro)renin receptor
Speaker 3: Nirupama Ramkumar, MD, MPH, Univ. of Utah

Four abstract-driven presentations by trainees and early career investigators

10:00-10:30AM
Break

10:30-12:30PM
Session 8: Polycystic kidney disease: biology of cystic kidney disorders
Session Chair: P Darwin Bell, PhD, Univ. of Alabama at Birmingham and VA

Tentative Title 1: Biology of cystic kidney disorders
Speaker 1: Peter C. Harris, PhD, Mayo Clinic

Tentative Title 2: Current concepts in the role of primary cilia in cystogenesis
Speaker 2: Bradley Yoder, PhD, Univ. of Alabama at Birmingham

Tentative Title 3: Role of purinergic receptors and ENaC in cyst growth in PKD
Speaker 3: Tengis Pavlov, PhD, Henry Ford Hospital

Four abstract-driven presentations by trainees and early career investigators

12:30-1:30PM
Lunch
1:30-5:00PM
Free Time

5:00-6:30PM
Poster Session 3

6:30-7:30PM
Dinner

7:30-9:10PM
Session 9: Purinergics in kidney function and disease
Session Chair: Helle Praetorius, PhD, Aarhus Univ.

Tentative Title 1: Purinergic signaling in renal disease
Speaker 1: Matthew Bailey, PhD, The Univ. of Edinburgh

Tentative Title 2: P2 receptor-dependent regulation of medullary blood flow
Speaker 2: Claire M. Peppiatt-Wildman, PhD, Universities of Kent and Greenwich Chatham Maritime

Tentative Title 3: P2 receptor–mediated regulation of collecting duct function.
Speaker 3: James Stockand, PhD, Univ. of Texas Health Science Center at San Antonio

Tentative Title 4: P2 receptors in renal tubular transport.
Speaker 4: Jens Leipziger, PhD, Aarhus Univ.

Thursday June 27, 2019

8:00-10:00AM
Session 10: Causes and consequences of acute kidney injury
Session Chair: Pontus Persson, MD, Institut für Vegetative Physiologie

Tentative Title 1: Renal epithelial injury and the progression of fibrosis
Speaker 1: Leslie Gewin, MD, Vanderbilt Univ.

Tentative Title 2: Neural Circuits Controlling Inflammation in Acute Kidney Injury
Speaker 2: Mark Okusa, MD, Univ. of Virginia

Tentative Title 3: Role of S1P signaling in renal ischemia-reperfusion injury
Speaker 3: Zhengrong Guan, MD, PhD, Univ. of Alabama at Birmingham

Four abstract-driven presentations by trainees and early career investigators

10:00-10:30AM
Break
10:30-12:30PM

Session 11: Salt, genetics, and epigenetics in kidney function
Session Chair: Richard Roman, PhD, Univ. of Mississippi Medical Center

Tentative Title 1: MicroRNA mediators of renal injury and chronic reno-cardiac syndrome
Speaker 1: Alison Kriegel, PhD, Medical College of Wisconsin

Tentative Title 2: Single and multi-trait genome-wide association analyses in identifying blood pressure traits in select populations
Speaker 2: Nora Franceschini, MD, MPH, Univ. of North Carolina, Chapel Hill

Tentative Title 3: New concepts in the genetics of renin
Speaker 3: Ariel Gomez, MD, Univ. of Virginia

Four abstract-driven presentations by trainees and early career investigators

12:30PM

Closing Remarks