

PROGRAM

MONDAY, FEBRUARY 25

4:00-7:00pm Conference Registration Open

TUESDAY, FEBRUARY 26

7:00am-7:00pm Conference Registration Open

PRE-CONFERENCE AKI SYMPOSIUM - PW1 (CME Available)

(See page 3 for elective symposium and workshop fees)

Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management

Presented by UAB/UCSD O'Brien Center for AKI Research

CRRT Conference registration is NOT required for this elective symposium. See page 4 for details.

7:55 am **Opening Remarks** - Ravindra Mehta, MD

PLENARY 1 **Molecules, Mechanisms and Targets**

Co-Chairs: Anupam Agarwal, MD and Bruce Molitoris

- 8:00-8:20 **TGF- β in the AKI to CKD transition:** Leslie Gewin
8:20-8:40 **Pannexins in Acute Kidney Injury:** Mark Okusa
8:40-9:00 **Single cell transcriptomics in AKI and CKD:** Benjamin Humphreys
9:00-9:20 **Regulatory B cells and natural IgM in AKI:** Peter Lobo
9:20-9:40 **The kidney is out of breath in AKI:** Can Ince
9:40-10:00 **Discussion:**
10:00-10:15 *Coffee Break*

PLENARY 2 **Of Mice and Men: Harmonizing Human and Animal AKI**

Co-Chairs: Paul Sanders MD and Volker Vallon MD

- 10:15-10:35 **Molecular characterization of the transition from AKI to CKD** Andrew McMahon
10:35-10:55 **Metabolism and inflammation in sepsis-induced AKI:** Sarah Huen
10:55-11:15 **HDAC inhibition for prevention of CKD following sepsis-induced AKI:** John Kellum
11:15-11:35 **Biomarkers of Mitochondrial dysfunction in AKI:** Zheng Dong
11:35-11:55 **Renin-angiotensin-aldosterone system: good for the kidney** Matthieu Legrand
11:55-12:15 **Discussion**
12:15-1:15 pm *Lunch Hosted by Conference*

PLENARY 3 **Bench to Bedside: Translating Discoveries to Clinical Care**

Co-Chairs: Patrick Murray, MD and Kathleen Liu, MD

- 1:15-1:35 **Kidney Precision medicine and AKI:** Jonathan Himmelfarb
1:35-1:55 **Targeting Mitochondrial dysfunction in AKI: do we have a solution?** Samir Parikh
1:55-2:15 **Tubular health characterization in AKI:** Etienne Macedo
2:15-2:35 **AKI in kidney transplants: new insights** Roslyn Mannon
2:35-2:55 **Renal injury during preclampsia: role of exosomal vesicles** Vincenzo Cantaluppi
2:55-3:15 **Discussion**
3:15-3:30 *Coffee Break*

PLENARY 4 **Controversies in AKI**

Co-Chairs: Claudio Ronco MD and Stuart Goldstein MD

- 3:30-3:50 **Risk factor prediction for AKI in cardiac surgery:** Frederick Billings
3:50-4:10 **Novel mechanisms in contrast induced AKI** Daniel Muruve
4:10-4:30 **Remote Ischemic preconditioning: Fact or Fantasy?** Alex Zarbock
4:30-4:50 **Biomarker Phenotypes and Targeted Therapy** Rajit Basu
4:50-5:10 **Phenotyping Acute Kidney Disease- ATN vs. AIN?** Chirag Parikh
5:10-5:30 **Discussion**
5:30 **Adjourn**
5:30-7:00pm **Tuesday Evening Reception & Poster Review - For All Conference Attendees**