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-b 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: Andrew McMahon and Matthieu Legrand

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