

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

PRE-CONFERENCE AKI SYMPOSIUM (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: Mark Okusa and Volker Vallon*8:00-8:20 **Neural Control of Inflammation in AKI/CKD** - Mark Okusa8:20-8:40 **KLF Transcription Factors in AKI** - Sian Piret8:40-9:00 **Mitochondrial DNA in Systemic Inflammation and Lung Injury due to AKI** - Mark Hepokoski9:00-9:20 **Epithelial Plasticity in Renal Repair after AKI** - Sanjeev Kumar9:20-9:40 **Cilia and PCP in AKI and Kidney Repair** - Zheng Dong9:40-10:00 **Discussion**10:00-10:15 *Coffee Break***PLENARY 2 Of Mice and Men: Harmonizing Human and Animal AKI***Co-Chairs: Prabheleen Singh and Paul Sanders*10:15-10:35 **Mechanisms of Phagocytosis and Cell Clearance: Implications in Inflammation**
Sanja Arandjelovic10:35-10:55 **Metabolism and Nutrition in Sepsis** - Sarah Huen10:55-11:15 **Mitochondrial Therapy in AKI** - Amandeep Bajwa11:15-11:35 **Angiopoietins as Biomarkers in AKI** - Sherry Mansour11:35-11:55 **Kidney Microphysiological Models for Nephrotoxicity Assessment** - Sejoong Kim11:55-12:15 **Discussion**12:15-1:15pm *Lunch Hosted by Conference***PLENARY 3 Bench to Bedside: Translating Discoveries to Clinical Care***Co-Chairs: Kathleen Liu and Matthieu LeGrand*1:15-1:35 **Bone Dysregulation in AKI and Critical Illness** - Orson Moe1:35-1:55 **Harnessing Tubular Transport for Reducing Drug Nephrotoxicity** - Pranav Garimella1:55-2:15 **Novel Therapeutics in AKI: Can Hydrogels Work in Humans?** - Danielle Soranno2:15-2:35 **RCA to Limit Inflammation and Mitochondrial Tubular Cell Dysfunction in SA-AKI**
Vincenzo Cantaluppi2:35-2:55 **Sympathetic Nerve Activation in AKI** - Kent Doi2:55-3:15 **Discussion**3:15-3:30 *Coffee Break***PLENARY 4 Controversies in AKI***Co-Chairs: Marlies Ostermann and Eddie Siew*3:30-3:50 **Subphenotypes of AKI in Children** - Shina Menon3:50-4:10 **Tubular Dysfunction Predicts MAKE** - Alex Bullen4:10-4:30 **Nephrotoxin Stewardship** - Sandra Kane Gill4:30-4:50 **RIPC: Does it Work?** - Alex Zarbock4:50-5:10 **The Economics of AKI: What Makes it so Costly?** - Glenn Chertow5:10-5:30 **Discussion**5:30 **Adjourn**5:30-7:00pm **Wednesday Evening Reception & Poster Review** - For All Conference Attendees