



Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management

UAB/UCSD O'Brien Center Symposium on AKI

Tuesday, February 12, 2013 Hilton San Diego Bayfront San Diego, California
Room: Aqua 306 AB

AGENDA

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

PLENARY 1 Molecules, Mechanisms and Targets

Co-Chairs: Anupam Agarwal, MD & Roland C. Blantz, MD

8:00-8:20 **Ischemic Preconditioning and the Cytoresistant State** - Richard Zager, MD

8:20-8:40 **Mitochondrial Dysfunction in AKI** - Samir Parikh, MD

8:40-9:00 **Glomerular Participation in Ischemic and Septic AKI** - Bruce A. Molitoris, MD

9:00-9:20 **Vasopressin Analogues in Septic Shock: Implications for the Kidney** - Martin Westphal, MD, PhD

9:20-9:40 **Novel Mechanisms of Progression of AKI to CKD** - Joseph V. Bonventre, MD, PhD

9:40-10:00 **Regulatory T Cells: Quelling the Storm** - Mark D. Okusa, MD

10:00-10:15 *Coffee Break*

PLENARY 2 Translational Research: Bedside to Bench and Back

Co-Chairs: John Kellum, MD & Bruce A. Molitoris, MD

10:15-10:35 **MRI Imaging: Real Time Assessment of Renal Physiology** - Dileep N. Lobo, MD

10:35-10:55 **Alkaline Phosphatase for Kidney Injury in Sepsis** - John Louis Vincent, MD PhD

10:55-11:15 **Is Chloride a Problem?** - Rinaldo Bellomo, MD

11:15-11:35 **Is AKI Pro-inflammatory or Anti-inflammatory?** - Sarah Faubel, MD

11:35-11:55 **Complement Mediated Renal Injury** - Joshua Thurman, MD

11:55-12:15 **Emerging Strategies for Management of AKI in Cirrhosis: Targeting the Gut-Liver-Kidney**
Rajiv Jalan, MD, PhD

12:15-1:15 pm *Lunch Hosted by Conference for Workshop Participants*

PLENARY 3 Of Mice and Men: Developing Relevant Models for Translational Research

Co-Chairs: Rinaldo Bellomo, MD & Paul Sanders, MD

1:15-1:35 **Pre-Clinical Models for Translational Research in AKI** - Volker Vallon, MD

1:35-1:55 **Studying Renal Physiology In-vivo** - Can Ince, PhD

1:55-2:15 **Acute Renal Failure Around the World: Lessons from the ICON Study** - John Louis Vincent, MD PhD

2:15-2:35 **Cell-cycle Arrest Biomarkers of AKI** - John A. Kellum, MD

2:35-2:55 **Efficient Trial Designs for Novel Drug and Biologics in AKI** - William L. Macias, MD, PhD

2:55-3:15 **Prevention Trials in AKI: Lessons from PRESERVE** - Paul Palevsky, MD

3:15-3:30 *Coffee Break*

PLENARY 4 Tools to Characterize Human AKI

Co-Chairs: Mark Okusa & Paul Palevsky, MD

3:30-3:50 **Novel Compounds for the Treatment of Acute Kidney Injury** - Mitchell H. Rosner, MD

3:50-4:10 **Disentanglement of the AKI Syndrome** - Lakhmir S. Chawla, MD

4:10-4:30 **How Should We Use Biomarkers in AKI: An Update from the ADQI Conference**
Patrick T. Murray, MD

3:30-3:50 **AKI Biomarkers: Does Their Performance in Different Population Lend Insight Into Mechanisms?**
David Askenazi, MD

4:50-5:10 **IDetermining Long Term Outcomes From AKI: The ARID Study** - Chris McIntyre, MD

5:10-5:30 **Innovations in Extracorporeal Support: What's Emerging?** - Claudio Ronco, MD

5:30 *Adjourn*

Participants of this symposium have the option to purchase the post-conference multimedia review of these presentations at a discounted price. CRRTonline's state-of-the-art E-Learning Portal offers an excellent way to review and retain educational material presented at CRRT 2013. For more information or to make a purchase visit the registration desk. Free demo lecture available at crtrtonline.com