Professors Mark D. Okusa, University of Virginia, Mitchell H. Rosner, University of Virginia and John Kellum and Claudio Ronco are the Organizers of the 2014 XIII ADQI Conference.

Acute Dialysis Quality Initiative

ADQI was started in response to concerns about the quality of care delivered to patients with Acute Kidney Injury (AKI) based on published data demonstrating that AKI is associated with an unacceptably high mortality, and there is a wide practice variation in its diagnosis and management worldwide.

In order to address these issues, ADQI has adopted an evidence based methodology to develop consensus based recommendations for managing patients with AKI. The key goal of the ADQI process is to ultimately provide evidence based guidelines for the management of AKI. Consequently, we have initiated a series of conferences under the auspices of the Acute Dialysis Quality Initiative.

ADQI aims at establishing an evidence-based appraisal and set of consensus recommendations to standardize care and direct further research. The results of previous consensus conferences are available on-line at www.ADQI.net.

Mechanisms of Injury and Repair in AKI

The XIII ADQI conference is focused on “Mechanisms of Injury and Repair in AKI”. Acute kidney injury occurs in as many as 2/3 of patients admitted to the ICU associated with high morbidity and mortality. In recent years, stakeholder consensus and research activity have highlighted the need to understand mechanisms and discover novel targets to prevent injury and enhance kidney regeneration. Participants are derived from academia, NIH, Industry and Kidney Health Initiative and members of are experts in the field and will review existing evidence and make recommendations for current practice and for future research.

Mark D. Okusa, Mitchell H. Rosner

The ADQI Conference is also made possible by the generous contribution of unrestricted educational grants of several companies including:

Abbott Labs, Alere, Argutus, Astute, FAST Diagnostics, Roche, Gambro, Other
CONFERENCE STRUCTURE

The specific objectives for this conference are:

- To develop a series of consensus statements on the molecular mechanisms in Acute Kidney Injury. The features of this methodology include:
  - Pre-conference evidence abstraction
  - Identification of key questions
  - Assessment of the available evidence
  - Plenary sessions to present evidence appraisal
  - Iterative refining of recommendations
  - Draft summary statements for each topic
  - External peer review of statements

- The primary focus of this meeting will be on providing update on mechanisms of AKI and determining novel targets:
  - Hemodynamics and Imaging
  - Immunity, Inflammation
  - Cellular and Molecular
  - Progression
  - Regeneration and Stem Cells

PROGRAM

**Friday, April 11**
Darden
400- 500pm Registration
500 pm- 700 pm
- Welcome and Introduction to ADQI IX Methodology and “Ground Rules”
- Pathogenesis of AKI: overview
- Preview of Questions

700-800 pm Dinner Colonnade Club

**Saturday, April 12**
7:30am Breakfast
8.00am Plenary I: group leaders present questions
10.00am Coffee/Tea break
10:15am Breakout Session I
12.30pm Lunch
1.30pm Plenary II: refined questions
3.00pm Breakout Session II
5.00pm Adjourn
6.00pm Tour Barboursville Vineyard, Dinner at Palladios

**Sunday, April 13**
7:30am Breakfast
8:00 am Plenary II: draft statements
10:30am Coffee/Tea Break
10:45am Breakout Session III
12:30pm Lunch
1:30pm Plenary III: final statements
3.00pm Coffee/Tea Break
3.15pm Plenary III (continued)
4.15pm Adjourn
7:00pm Dinner at Darden, UVA

**Monday, April 14**
Departures

Venue: Darden, University of Virginia

FACULTY

Chairpersons:
Mark D. Okusa (USA)
Mitchell H. Rosner (USA)

**ADQI Council Members**
John Kellum (USA)
Claudio Ronco (Italy)
Rinaldo Bellomo, Melbourne, Australia, President
Ravindra Mehta (USA)

**Faculty**

- **Group 1: Hemodynamics, Imaging**
  Facilitators: Members:

- **Group 2: Immunity, Inflammation**
  Facilitators: Members:

- **Group 3 Cellular and Molecular**
  Facilitators: Members:

- **Group 4 Progression**
  Facilitators: Members:

- **Group 4 Regeneration and Stem Cells**
  Facilitators: Members:

- **Special Observers (Rotating Groups)**
  **Group A:** KHI/ASN
  **Group B:** NIH
  **Group C:** KHI/FDA
  **Group D:** INDUSTRY