

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM  
THE UNIVERSITY OF CALIFORNIA AT SAN DIEGO

UAB-UCSD O'BRIEN CORE CENTER FOR ACUTE KIDNEY INJURY RESEARCH



**O'BRIEN CENTER**

Web address: <http://www.obrienaki.org/>

**EXTERNAL ADVISORY COMMITTEE MEETING**

**AND**

**3<sup>rd</sup> ANNUAL SYMPOSIUM**

**Friday, September 23, 2011**

**University of California at San Diego Supercomputer Center**

**10100 Hopkins Drive**

**La Jolla, CA 92093-0505**

**High Tech Meeting Room East B145**

**Telephone (858) 534-5000**

**External Advisory Committee**

**Patrick Murray, MD**

Professor of Clinical Pharmacology/Consultant Physician, University College Dublin

**Mark Okusa, MD (Chair)**

John C. Buchanan Distinguished Professor of Internal Medicine

Chief, Division of Nephrology, University of Virginia School of Medicine, Charlottesville, VA

**Richard Zager, MD**

Professor of Medicine, University of Washington

Director of Nephrology, Fred Hutchinson Cancer Research Center, Seattle, WA

***\*All times are PDT***

**Thursday, September 22, 2011**

6:00pm Directors/External Advisory Committee Planning Dinner  
Roy's, 8670 Genesee Avenue, San Diego, CA 92122

**Anupam Agarwal, MD**

Program Director, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Director, Division of Nephrology, University of Alabama at Birmingham  
Interim Chairman, Department of Medicine, University of Alabama at Birmingham

**Paul Sanders, MD**

Director, Core B and Pilot Grants Program, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Associate Director, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Director, Nephrology Research and Training Center, Division of Nephrology, University of Alabama at Birmingham

**Ravindra L. Mehta, MD**

Director, Core A, UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Associate Director, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Professor of Medicine in the Division of Nephrology, UCSD Medical Center

**Roland Blantz, MD**

Co-Director, Core B, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Head, Division of Nephrology, Professor of Medicine, University of California at San Diego

**Stephen Barnes, PhD**

Director, Core C, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Professor of Pharmacology, University of Alabama at Birmingham

**Gary Cutter, PhD**

Director, BBR Core, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Professor of Biostatistics/Biomathematics, University of Alabama at Birmingham

**Patrick Murray, MD**

Professor of Clinical Pharmacology/Consultant Physician, University College Dublin  
Professor of Medicine and the Director of the Nephrology Fellowship Training Program at University of Chicago

**Richard Zager, MD**

Professor of Medicine, University of Washington  
Director of Nephrology, Fred Hutchinson Cancer Research Center, Seattle, WA

**Kurt Zinn, PhD**

Professor of Radiology, University of Alabama at Birmingham

**Friday, September 23, 2011**

- 7:30-8:00 am      **Coffee and Breakfast (B1 Lobby)**
- 8:00-8:05 am      **Opening Remarks**  
**Anupam Agarwal, MD**  
Program Director, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
Director, Division of Nephrology
- 8:05-8:35 am      **Center Overview and Administrative Core**  
**Anupam Agarwal, MD**, Program Director
- 8:40-8:55 am      **Welcome**  
**Wolfgang H. Dillmann, MD**  
Interim Chairman, Dept of Medicine at UCSD
- 9:00-9:15 am      **Pilot and Feasibility (PAF) Grants Program Overview**  
**Paul Sanders, MD**  
Director, Pilot & Feasibility Program, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research Professor of Medicine, Division of Nephrology, University of Alabama at Birmingham
- 9:15-9:45 am      Break (refreshments in B1 lobby)
- 9:50am-12:30 pm      O'Brien center Symposium (Live broadcast from UAB)**
- 9:50-10:20 am      ***The Translational Journey of AKI Biomarkers from Bench to Bedside: Are We There Yet?***  
**Patrick Murray, MD**  
Professor of Clinical Pharmacology/Consultant Physician, University College Dublin
- 10:25-10:55 AM      ***Tolerogenic Dendritic Cells in Acute Kidney Injury***  
**Mark Okusa, MD**  
John C. Buchanan Distinguished Professor of Internal Medicine  
Chief, Division of Nephrology, University of Virginia School of Medicine, Charlottesville, VA
- 11:00-11:15 am      **Pilot Project #1 (Live broadcast from UAB)**  
***Acute Kidney Injury in Neonates***  
**David Askenazi, MD**  
Associate Professor, Pediatric Nephrology, University of Alabama at Birmingham
- 11:20-11:50 pm      **Pilot Project #2 (Live broadcast from UAB)**  
***Role of C-Reactive Protein in Acute Kidney Injury***  
**Alexander Szalai, PhD**  
Professor of Medicine – Immunology/Rheumatology, University of Alabama at Birmingham.
- 11:55-12:10      **Pilot Project #3**  
***Use of Exosome Biomarkers for Mechanistic Insights and Early Diagnosis of AKI***  
**Pamela Taub, MD**  
Assistant Professor, Department of Medicine, University of California at San Diego

- 12:15-12:30           **Pilot Project #4**  
***Sphingosine-1-Phosphate (S1P) receptor agonist in acute kidney injury (AKI) and transplantation***  
**Amandeep Bajwa, PhD**  
Instructor, Department of Medicine, University of Virginia
- 12:35-1:35 pm       **Lunch (B1 Lobby)**
- 1:40-2:10 pm       **Resource for Clinical Studies of AKI (Core A)**  
**Ravindra L. Mehta, MD**  
Director, Core A, UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Professor of Medicine, Division of Nephrology, UCSD Medical Center  
**Dan O'Connor, MD**  
Co-Director, Genomics Core, Division of Nephrology, UCSD Medical Center
- 2:15-2:45 pm       **Resource for Pre-Clinical Studies of AKI (Core B)**  
**Paul Sanders, MD**  
Director, Core B, UAB-UCSD O'Brien Core Center for Acute Kidney Injury Research  
**Kurt Zinn, PhD**  
Co-Director, Core B UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Professor of Radiology, University of Alabama at Birmingham  
**Roland Blantz, MD**  
Co-Director, Core B, UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Head, Division of Nephrology, Professor of Medicine, University of California at San Diego  
**Volker Vallon, MD**  
Investigator, Core B UAB-UCSD O'Brien Center for Acute Kidney Injury Research Adjunct  
Professor of Medicine, University of California at San Diego
- 2:50-3:30 pm       **Bioanalytical Resource (Core C)**  
**Stephen Barnes, PhD**  
Director, Core C, UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Professor of Pharmacology, University of Alabama at Birmingham
- 3:35-4:05 pm       **Biostatistical/Bioinformatics Resource (BBR)**  
**Gary Cutter, PhD**  
Director, BBR, UAB-UCSD O'Brien Center for Acute Kidney Injury Research  
Professor of Biostatistics and Biomathematics, School of Public Health, University of  
Alabama at Birmingham
- 4:10-5:10 pm       **Feedback to Center Directors and External Advisory Committee Discussions  
and Report**
- 6:30 pm               Directors/External Advisory Committee Exit Dinner and closing remarks from  
External Advisory Committee at the home of Dr. Mehta  
8375 La Jolla Scenic Drive, La Jolla CA 92037, (858)558-0535  
*UCSD Guests: Drs. Mehta, Blantz, O'Connor, Vallon, Dillman, Sharma, Shah,  
Taub, Singh and Thomson*  
*UAB Guests: Drs. Agarwal, Sanders, Barnes, Cutter, Zinn, Bajwa*  
*External Advisory Guests: Drs. Okusa, Murray, Zager*