Polycystic Kidney Disease
Symposium 2008

May 9th, 2008 (8:00 AM - 5:00 PM)
The Joseph Martin Conference Center at Harvard Medical School (Bray Room)
77 Avenue Louis Pasteur, Boston, MA 02115

8:00 AM – 8:25 AM (Breakfast and Networking)

8:25 AM – 8:30 AM
WELCOME AND OPENING REMARKS
Jing Zhou, M.D., Ph.D., Brigham and Women’s Hospital and Harvard Medical School
Director, Center for Polycystic Kidney Disease Research

SESSION 1 FROM THE HUMAN DISEASE TO PROTEINS AND CILIA
CHAIR: BRADLEY DENKER, M.D.

8:30 AM – 9:00 AM
PKD: Presentation, Prognosis, Projects
Ted Steinman, M.D., Beth Israel Deaconess Medical Center

9:00 AM – 9:30 AM
Functional Studies of PKD Proteins in Cells and Mice
Jing Zhou, M.D., Ph.D., Brigham and Women’s Hospital and Harvard Medical School

9:30 – 10:00 AM
Cilia, Intraflagellar Transport, and Sonic Hedgehog Signaling
David Beier, M.D., Ph.D., Brigham and Women’s Hospital and Harvard Medical School

10:00 AM - 10:30 AM (Coffee and Networking Break)

SESSION 2 CENTROSOMES AND CILIA
CHIARS: BENJAMIN HUMPHREYS, M.D., PH.D AND JOSEPH BONVENTRE, M.D., PH.D

10:30 AM – 11:00 AM
A role for Centrosomes in Ciliopathies
Stephen Doxsey, Ph.D., University of Massachusetts

11:00 – 11:30 AM
Signaling Pathways Controlling Primary Cilium Length
Jagesh Shah, Ph.D., Brigham and Women’s Hospital and Harvard Medical School

Please send your comments and suggestions to
Evelyn Pena at epena@rics.bwh.harvard.edu and Dr. Jing Zhou at zhou@rics.bwh.harvard.edu
11:30 – 12:00 PM  
**Zebrafish Kidney Cystic Models**  
Iain Drummond, Ph.D., Massachusetts General Hospital and Harvard Medical School

12:00 PM - 1:00 PM (Lunch)

SESSION 3 SIGNALING PATHWAYS IN POLYCYSTIC KIDNEY DISEASE  
CHAIRS: TED STEINMAN, M.D. AND JING ZHOU, M.D., PH.D.

1:15 PM - 1:30 PM  
**Special Guest**

1:30 PM - 2:00 PM  
**Receptor Tyrosine Kinase Signaling in PKD**  
Jordan Kreidberg, M.D., Ph.D., Children’s Hospital Boston and Harvard Medical School

2:00 PM – 2:30 PM  
**Polycystin-1 and Gα12 Signaling**  
Bradley Denker, M.D., Brigham and Women’s Hospital and Harvard Medical School

2:30 PM – 3:00 PM  
**Hormonal Regulation of Polycystin Channels**  
Peter Vassilev, M.D., Ph.D., Brigham and Women’s Hospital and Harvard Medical School

3:00 PM - 3:15 PM (Coffee and Networking Break)

SESSION 4 KIDNEY CANCER AND KIDNEY DEVELOPMENT  
CHAIR: JORDAN KREIDBERG, M.D., PH.D.

3:15 PM - 4:15 PM  
**Jade-1 in Renal Cancer and Renal Cystic Disease**  
Herbert T. Cohen, M.D., Boston University

4:15 PM – 5 PM Keynote Lecture  
**From Precursor to Product: Development and Repair of the Mammalian Kidney**  
Andy McMahon, PhD., Harvard University

5:05 PM  
**CLOSING REMARKS**  
Jing Zhou, M.D., Ph.D., Brigham and Women’s Hospital and Harvard Medical School  
Director, Center for Polycystic Kidney Disease Research