



# Polycystic Kidney Disease Symposium 2009

**May 1<sup>st</sup>, 2009 (8:00 AM - 1:00 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 HUMAN DISEASE AND MODEL SYSTEMS

CHAIRS: *Ted Steinman, M.D.*, Beth Israel Deaconess Medical Center and *Bradley Denker, M.D.*, Brigham and Women's Hospital and Harvard Medical School

8:30 AM – 9:00 AM

## **PKD Clinical Aspects**

*Ronald Perrone, M.D.*, Tufts New England Medical Center

9:00 AM – 9:30 AM

## **Ciliogenesis and Fluid Flow in the Zebrafish Kidney**

*Iain Drummond, Ph.D.*, Massachusetts General Hospital and Harvard Medical School

9:30 – 10:00 AM

## **Trafficking Proteins to the Ciliary Membrane**

*Gregory Pazour, Ph.D.*, University of Massachusetts

10:00 AM - 10:25 AM

## **Nek8 and Polycystic Kidney Disease**

*David Beier, M.D., Ph.D.*, Brigham and Women's Hospital and Harvard Medical School

10:25 AM – 10:35 AM

## **Perspective from a Patient with PKD**

10:35 AM – 11:00 AM

(Coffee and Networking Break)

SESSION 2 FROM DISEASE MECHANISMS TO THERPAY

CHAIRS: *Jagash Shah, Ph.D.*, and *Joe Bonventre, M.D., Ph.D.* Brigham and Women's Hospital and Harvard Medical School

11:00 – 11:25 AM

**“Third Hit” Hypothesis for PKD with Injury as a Trigger**

*Jing Zhou, M.D., Ph.D.*, Brigham and Women's Hospital and Harvard Medical School

11:25 – 11:50 PM

**Epithelial Kim-1 Expression Links Kidney Injury to the Innate Immune Response: Implications for Fibrosis in PKD**

*Benjamin Humphreys, M.D., Ph.D.* Brigham and Women's Hospital and Harvard Medical School

11:50 PM -12:15 PM

**PC1 Regulates Apoptosis Through Galpha12**

*Bradley Denker, M.D.*, Brigham and Women's Hospital and Harvard Medical School

12:15 PM -12:40 PM

**Renal Regeneration in Zebrafish**

*Alan Davidson, Ph.D.*, Massachusetts General Hospital and Harvard and *Robert Handin, M.D.* Brigham and Women's Hospital and Harvard Medical School  
Medical School

12:40 PM – 1:00 PM

**A Novel Therapeutic Target for PKD**

*Shan Qin M.D., Ph.D.* Children's Hospital Boston and Harvard Medical School

**CLOSING REMARKS**

*Jing Zhou, M.D., Ph.D.*, Brigham and Women's Hospital and Harvard Medical School  
Director, Center for Polycystic Kidney Disease Research

1:30 PM – 5 PM

**Scientific Advisory Committee Meeting**