



# 6<sup>th</sup> Annual Symposium on Polycystic Kidney Disease

May 20<sup>th</sup>, 2013

The Joseph B. Martin Conference Center at Harvard Medical School (Bray Room)  
77 Avenue Louis Pasteur, Boston, MA 02115

7:30 AM – 8:00 AM (Breakfast and Networking)

8:00 AM - 8:15 AM

## WELCOME AND OPENING REMARKS

*Jing Zhou, MD, PhD*, Brigham and Women's Hospital and Harvard Medical School  
Director, Harvard Center for Polycystic Kidney Disease Research

## SESSION 1:

Chairs: *Jagesh V. Shah, PhD*, Brigham and Women's Hospital and Harvard Medical School  
*Julie Jonassen, PhD*, University of Massachusetts Medical School

8:15 AM – 8:45 AM

### The Ciliary Transition Zone and Disease

*George Witman, PhD*, University of Massachusetts Medical School

8:45 AM – 9:15 AM

### IFT25 and IFT27 are required for maintenance of the ciliary signaling compartment

*Gregory Pazour, PhD*, University of Massachusetts Medical School

9:15 AM – 9:45 AM

### Cep290 function identifies unique cilia subsets in zebrafish

*Iain Drummond, PhD*, Massachusetts General Hospital and Harvard Medical School

9:45 AM – 10:15 AM

### "Of hedgehogs and sterols"

*Adrian Salic, Ph.D.*, Harvard Medical School

10:15 AM – 10:45 AM (Coffee Break)

## SESSION 2:

Chairs: *Brad Denker, MD*, Beth Israel Deaconess Medical Center and Harvard Medical School  
*Akio Kobayashi, PhD*, Brigham and Women's Hospital and Harvard Medical School

10:45 AM – 11:15 AM

### Polycystin-1 and polycystic kidney disease

*Jing Zhou, MD, PhD*, Brigham and Women's Hospital and Harvard Medical School

11:15 AM – 11:45 AM

**Ciliary Polycystin-2 in Induced Pluripotent Stem Cells from ADPKD patients**

*Benjamin Freedman, PhD*, Brigham and Women's Hospital and Harvard Medical School

11:45 AM – 12:15 AM

**c-MET-Wnt-Pax2 axis in PKD**

*Jordan Kreidberg, MD, PhD*, Children's Hospital – Boston and Harvard Medical School

12:15 PM – 1:15 PM (Lunch Break)

SESSION 3:

Chairs: *Friedhelm Hildebrandt, MD*, Children's Hospital – Boston and Harvard Medical School

*Benjamin Humphreys, MD, PhD*, Brigham and Women's Hospital and Harvard Medical School

1:30 PM – 1:45 PM

**Meet our Special Guest**

1:45 PM – 2:15 PM

**The TSC1/TSC2-mTOR pathway, a therapeutic target**

*David Kwiatkowski, MD*, Brigham and Women's Hospital and Harvard Medical School

2:15 PM – 2:45 PM

**Jade-1 links polycystic kidney disease and renal cancer**

*Herbert Cohen, MD* Boston University School of Medicine

2:45 PM – 3:15 PM (Coffee Break)

SESSION 4:

Chairs: *Jordan Kreidberg, MD, PhD*, Children's Hospital – Boston and Harvard Medical School

*Tianqing Kong, MD*, Brigham and Women's Hospital and Harvard Medical School

3:15 PM – 3:45 PM

**The cystic kidney disease protein ANKS6 is a novel binding partner and substrate of the NEK8 kinase**

*Jagesh V. Shah, PhD*, Brigham and Women's Hospital and Harvard Medical School

3:45 PM – 4:15 PM

**Clinical Trials: Good and bad**

*Theodore Steinman, MD*, Beth Israel Deaconess Medical Center and Harvard Medical School

4:15 PM – 4:45 PM

**Therapeutic approaches promoting cellular differentiation in PKD**

*Oxana Ibraghimov-Beskrovnaya, PhD*, Genzyme/Sanofi

**CLOSING REMARKS**

*Jing Zhou, MD, PhD*, Director, Harvard Center for Polycystic Kidney Disease Research