



7th Annual Symposium on Polycystic Kidney Disease

May 12th, 2014

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
George Witman, PhD, University of Massachusetts Medical School

8:15 AM – 8:40 AM

Intraflagellar transport protein IFT74 and cilia assembly

Jason Brown, PhD, University of Massachusetts Medical School

8:45 AM – 9:10 AM

ENU screens identify new PKD genes

Gregory Pazour, PhD, University of Massachusetts Medical School

9:15 AM – 9:40 AM

The ciliopathy proteins ZMYND10 and LRRC6

Heon Yung Gee, PhD, Boston Children's Hospital and Harvard Medical School

9:45 AM – 10:10 AM

Cilia ties the eye and the kidney

Eric Pierce, Ph.D., Massachusetts Eye and Ear infirmary, Harvard Medical School

10:15 AM – 10:45 AM (Coffee Break)

SESSION 2:

Chair: *Jing Zhou, MD, PhD*, Brigham and Women's Hospital and Harvard Medical School
Julie Jonasson, PhD, University of Massachusetts Medical School

10:45 AM – 11:10 AM

Polycystin-1 regulates actin cytoskeleton and directional cell migration

Zhou Lab - Tony Gang Yao, MD, PhD, Brigham and Women's Hospital and Harvard Medical School

11:15 AM – 11:40 AM

Cilium-dependent calcium signaling

Surya Nauli, PhD, University of Toledo

11:45 AM – 12:15 AM

Polycystin channels in calcium signaling

David Clapham, MD, PhD, Children's Hospital – Boston and Harvard Medical School

12:15 PM – 1:15 PM (Lunch Break)

SESSION 3:

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

1:15 PM – 1:30 PM

Meet our Special Guest

1:30 PM – 1:55 PM

The Inversin Compartment: A ciliary subdomain regulating situs determination and epithelial morphogenesis

Shah lab - Peter Czarnecki, MD, Brigham and Women's Hospital, Beth Israel Deaconess Medical Center and Harvard Medical School

2:00 PM – 2:25 PM

Autophagy-dependent metabolic dysregulation in cyst pathogenesis in TS

Lisa Henske, MD, Brigham and Women's Hospital and Harvard Medical School

2:30 PM – 2:55 PM

Stem cells and cysts

Joseph V. Bonventre, MD., PhD, Brigham and Women's Hospital and Harvard Medical School

3:00 PM – 3:30 PM (Coffee Break)

SESSION 4:

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

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

3:30 PM – 3:55 PM

Current clinical trials in polycystic kidney disease

Ron Peronne, MD, Tufts Medical Center

4:00 PM – 4:25 PM

New Therapeutic Horizons in ADPKD

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

4:30 PM – 4:55 PM

Glycosphingolipids in polycystic kidney disease: new mechanistic insights

Thomas Natoli, PhD, Genzyme/Sanofi

CLOSING REMARKS

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