



10th Annual Symposium on Polycystic Kidney Disease

DRAFT Program

May 8th, 2017

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: UNDERSTANDING PKD AND CILIA

Chairs:

8:15 AM – 8:45 AM

Questions to be answered in PKD

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

8:50 AM – 9:20 AM

What's new in intraflagellar transport and ciliogenesis

Gregory Pazour, PhD, University of Massachusetts

9:25 AM – 9:55 AM

Ciliary signaling in tuberous sclerosis complex

Alessia Di Nardo, PhD, Boston Children's Hospital and Harvard Medical School

10:00 AM – 10:30 AM

Structure-function relationships in the ciliary Inversin compartment

Peter Czarnecki, PhD, Brigham and Women's Hospital and Harvard Medical School

10:30 AM – 11:00 AM (Photo and Coffee Break)

SESSION 2: PKD AND CILIARY SIGNALING

Chairs:

11:00 AM – 11:30 AM

Systems biology of polycystic kidney disease

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

11:30 AM – 12:00 AM

Ciliary signaling in epithelial-to-mesenchymal transition (EMT) and tumor-initiation

Vincent Guen, PhD, Massachusetts Institute of Technology

12:00 AM – 12:30 AM

Mutations in MAPKBP1 cause cilia-independent nephronophthisis

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

12:30 PM – 1:30 PM (Lunch Break)

SESSION 3: DISEASE MODELING, HUMAN CLINICAL TRIALS

Chairs:

1:30 PM – 2:00 PM

Mitochondrial dysfunction in ADPKD

Thomas Natoli, MD, Sonofi Genzyme

2:00 PM – 2:30 PM

Multi-targeted tyrosine kinase inhibitor: results from a 3-year trial

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

2:30 PM – 3:00 PM

Kidney organoids: modeling polycystic kidney disease

Ryuji Morizane, PhD, Brigham and Women's Hospital and Harvard Medical School

3:00 PM – 3:20 PM (Break)

SESSION 4: DISEASE MODELING, INTERVENTIONS

Chairs:

3:20 PM – 3:50 PM

A new therapeutic target in the mTOR pathway

Hilaire Lam, PhD, Brigham and Women's Hospital and Harvard Medical School

3:50 PM – 4:20 PM

TAME PKD clinical trial of metformin in ADPKD

Ronald Perrone, MD, Tufts University Medical Center

Keynote Lecture

4:20 PM – 5:00 PM

Transcriptional and posttranscriptional control in polycystic kidney disease

Peter Igarashi, MD, University of Minnesota

CLOSING REMARKS

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