



10th Annual Symposium on Polycystic Kidney Disease

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

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

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

SESSION 1: UNDERSTANDING PKD AND CILIA

Chairs: Jagesh V. Shah, PhD, Brigham and Women's Hospital and Harvard Medical School
Jordan Kreidberg, MD, PhD, Boston Children's Hospital and Harvard Medical School

8:50 AM – 9:20 AM

Untangling the role of intraflagellar transport in hedgehog signaling from ciliary assembly

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 G. Czarnecki, MD, Brigham and Women's Hospital and Harvard Medical School

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

SESSION 2: CILIA SIGNALING

Chairs: Iain Drummond, PhD, Massachusetts General Hospital and Harvard Medical School
Peter G. Czarnecki, MD, Brigham and Women's Hospital and Harvard Medical School

11:00 AM – 11:30 AM

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

Vincent Guen, PhD, Massachusetts Institute of Technology

11:30 AM – 12:00 AM

Systems biology of polycystic kidney disease

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

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: Joseph Bonventre, MD, PhD, Brigham and Women's Hospital and Harvard Medical School
Ronald Perrone, MD, Tufts University Medical Center

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: Jing Zhou, MD, PhD, Brigham and Women's Hospital and Harvard Medical School
Friedhelm Hildebrandt, MD, Boston Children's Hospital and Harvard Medical School

3:20 PM – 3:50 PM

TAME PKD Clinical trial of metformin in ADPKD

Ronald Perrone, MD, Tufts University Medical Center

3:50 PM – 4:20 PM

A new therapeutic target in the mTOR pathway

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

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