



11th Annual Symposium on Polycystic Kidney Disease

May 17th, 2018

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: *Peter G. Czarnecki, MD, Brigham and Women's Hospital and Harvard Medical School*
Gregory Pazour, PhD, University of Massachusetts

8:15 AM – 8:45 AM

Rab34 in ciliogenesis

Michael Stuck, PhD, University of Massachusetts

8:50 AM – 9:20 AM

How the ciliary kinesin Kif7 finds microtubule ends and fine-tunes microtubule length

Radhika Subramanian, PhD, Harvard Medical School

9:25 AM – 9:55 AM

Modeling ciliopathies and cilia signaling

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

10:00 AM – 10:30 AM (Coffee Break)

SESSION 2: CILIA SIGNALING

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

10:30 AM – 11:00 AM

Cilia phenotype in Tuberous Sclerosis Complex

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

11:00 AM – 11:30 AM

Recessive mutations in DZIP1L cause human ARPKD-like disease

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

11:30 AM – 12:00 AM

Epithelial inactivation of Inversin leads to kidney cysts in mouse

Zhaoxia Sun, PhD, Yale University

12:00 PM – 1:00 PM (Lunch Break)

SESSION 3: DISEASE MODELING

Chairs: *Joseph Bonventre, MD, PhD, Brigham and Women's Hospital and Harvard Medical School*
Jing Zhou, MD, PhD, Brigham and Women's Hospital and Harvard Medical School

1:00 PM – 1:10 PM

Special guest

1:10 PM – 1:40 PM

Polycystic kidney disease

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

1:40 PM – 2:10 PM

Cilia, calcium, and left-right axis asymmetry

Shiaulou Yuan, PhD, Massachusetts General Hospital and Harvard Medical School

2:10 PM – 2:40 PM

Macro pinocytosis-mediated nutrient uptake supports renal cystogenesis in Tuberous Sclerosis Complex

Harry Filippakis, PhD, Brigham and Women's Hospital and Harvard Medical School

2:40 PM – 3:10 PM

Wnt signaling in polycystic kidney disease

Yun-Joon Jung, PhD, Boston Children's Hospital and Harvard Medical School

3:10 PM – 3:30 PM (Break)

SESSION 4: DISEASE MODELING, INTERVENTIONS

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

3:30 PM – 4:00 PM

Effect of targeted kinase inhibitors on ciliary dynamics and cilia-related signaling response

Anna Kiseleva, Ph.D. Fox Chase Cancer Center

4:00 PM – 4:30 PM

JYNARQUE™ (Tolvaptan): The First FDA-approved treatment for ADPKD

Ronald Perrone, MD, Tufts University Medical Center

4:30 PM – 5:00 PM

Glucosylceramide Synthase inhibitor for the treatment of PKD

Thomas Natoli, PhD, Sanofi Genzyme

CLOSING REMARKS

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



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