8th Annual Symposium on Polycystic Kidney Disease

May 18th, 2015
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
       Benjamin Freedman, PhD, Brigham and Women’s Hospital and Harvard Medical School

8:15 AM – 8:40 AM
Understand the trafficking pathway to the cilium
Pazour Lab - William Monis, PhD. University of Massachusetts Medical School

8:45 AM – 9:10 AM
Ciliary signaling through the TSC complex in the brain
Sahin Lab - Alessia Di Nardo, PhD, Boston Children’s Hospital and Harvard Medical School

9:15 AM – 9:40 AM
Live imaging sensory cilia-dependent neuronal activity in zebrafish
Drummond lab - Judith Bergboer, PhD, Massachusetts General Hospital and Harvard Medical School

9:45 AM – 10:10 AM
Regulation of polycystin trafficking to cilia
Zhou Lab - Chong Luo, MD - Brigham and Women’s Hospital and 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
       Joseph Bonventre, MD, PhD., Brigham and Women’s Hospital and Harvard Medical School

10:45 AM – 11:10 AM
Bioengineering strategies for kidney tissue engineering
David Kaplan, PhD, Tufts University

11:15 AM – 11:40 AM
Loss of Zeb2 causes glomerulocystic kidney disease in mice
Lu Lab - Hila Milo Rasouly, PhD Candidate, Boston University

11:45 AM – 12:15 AM
DCDC2 mutations cause a renal-hepatic ciliopathy by disrupting Wnt signaling
Friedhelm Hildebrandt, MD, Boston Children’s Hospital 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
Ron Peronne, MD, Tufts Medical Center

1:30 PM – 1:55 PM
Quantitative proteomics of PKD
Shah lab – Kelly George, MD, Brigham and Women’s Hospital and Harvard Medical School

2:00 PM – 2:25 PM
Rapamycin-dependent MicroRNA in the Pathogenesis and Therapy of TSC
Lisa Henske, MD, Brigham and Women’s Hospital and Harvard Medical School

2:30 PM – 2:55 PM
HDACs and their role in proliferation and cilia dismantling
Matthew Jarpe, PhD – Acetylon Pharmaceutical Inc.

3:00 PM – 3:30 PM (Coffee Break)

SESSION 4:
Chairs: Peter Czarnecki, MD, PhD., Brigham and Women’s Hospital and Harvard Medical School
Friedhelm Hildebrandt, MD, Boston Children’s Hospital and Harvard Medical School

3:30 PM – 3:55 PM
Low osmolar diet and Adjusted water intake for vasopressin suppression in ADPKD-a randomized controlled trial
Osama Amro, MD, Tufts University Medical Center

4:00 PM – 4:25 PM
HALT PKD Study: Implications for Care
Theodore Steinman, MD, Beth Israel Deaconess Medical Center and Harvard Medical School

4:30 PM – 4:55 PM
What is the relevant third-hit mechanism that determines progression in ADPKD?
Thomas Weimbs, PhD, University of California at Santa Barbara

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