6th Annual Symposium on Polycystic Kidney Disease

May 20th, 2013

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
Julie Jonassen, PhD, University of Massachusetts Medical School

8:15 AM – 8:45 AM
The Ciliary Transition Zone and Disease
George Witman, PhD, University of Massachusetts Medical School

8:45 AM – 9:15 AM
IFT25 and IFT27 are required for maintenance of the ciliary signaling compartment
Gregory Pazour, PhD, University of Massachusetts Medical School

9:15 AM – 9:45 AM
Cep290 function identifies unique cilia subsets in zebrafish
Iain Drummond, PhD, Massachusetts General Hospital and Harvard Medical School

9:45 AM – 10:15 AM
"Of hedgehogs and sterols”
Adrian Salic, Ph.D., Harvard Medical School

10:15 AM – 10:45 AM (Coffee Break)

SESSION 2:
Chairs: Brad Denker, MD, Beth Israel Deaconess Medical Center and Harvard Medical School
Akio Kobayashi, PhD, Brigham and Women’s Hospital and Harvard Medical School

10:45 AM – 11:15 AM
Polycystin-1 and polycystic kidney disease
Jing Zhou, MD, PhD, Brigham and Women’s Hospital and Harvard Medical School

Please send your comments and suggestions about next meeting to Dr. Jing Zhou
<zhou@rics.bwh.harvard.edu>
11:15 AM – 11:45 AM  
**Ciliary Polycystin-2 in Induced Pluripotent Stem Cells from ADPKD patients**  
*Benjamin Freedman, PhD, Brigham and Women’s Hospital and Harvard Medical School*

11:45 AM – 12:15 AM  
**c-MET-Wnt-Pax2 axis in PKD**  
*Jordan Kreidberg, MD, PhD, Children’s Hospital – Boston and Harvard Medical School*

12:15 PM – 1:15 PM (Lunch Break)

SESSION 3:  
Chairs: *Benjamin Humphreys, MD, PhD*, Brigham and Women’s Hospital and Harvard Medical School  
*Jing Zhou, MD, Ph.D.*, Brigham and Women’s Hospital and Harvard Medical School

1:30 PM – 1:45 PM  
Meet our Special Guest

1:45 PM – 2:15 PM  
**The TSC1/TSC2-mTOR pathway, a therapeutic target**  
*David Kwiatkowski, MD*, Brigham and Women’s Hospital and Harvard Medical School

2:15 PM – 2:45 PM  
**Jade-1 links polycystic kidney disease and renal cancer**  
*Herbert Cohen, MD* Boston University School of Medicine

2:45 PM – 3:15 PM (Coffee Break)

SESSION 4:  
Chairs: *Jordan Kreidberg, MD, PhD*, Children’s Hospital – Boston and Harvard Medical School  
*Tianqing Kong, MD*, Brigham and Women’s Hospital and Harvard Medical School

3:15 PM – 3:45 PM  
**The cystic kidney disease protein ANKS6 is a novel binding partner and substrate of the NEK8 kinase**  
*Jagesh V. Shah, PhD*, Brigham and Women’s Hospital and Harvard Medical School

3:45 PM – 4:15 PM  
**Clinical Trials: Good and bad**  
*Theodore Steinman, MD*, Beth Israel Deaconess Medical Center and Harvard Medical School

4:15 PM – 4:45 PM  
**Therapeutic approaches promoting cellular differentiation in PKD**  
*Oxana Ibragimov-Beskrovnaya, PhD*, Genzyme/Sanofi

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