



Polycystic Kidney Disease Symposium 2010

May 17th, 2010 (9:30 AM - 5:00 PM)

The Joseph Martin Conference Center at Harvard Medical School (Bray Room)
77 Avenue Louis Pasteur, Boston, MA 02115

9:30 AM – 9:50 AM (Breakfast and Networking)

9:50 AM – 10:00 AM

WELCOME AND OPENING REMARKS

Jing Zhou, M.D., Ph.D., Brigham and Women's Hospital and Harvard Medical School
Director, Center for Polycystic Kidney Disease Research

SESSION 1 CENTROSOMES, CILIA AND CYSTIC DISEASES

CHAIRS: *Joseph Bonventre, M.D., Ph.D.*, Brigham and Women's Hospital and Harvard Medical School and *George Witman, Ph.D.*, University of Massachusetts Medical School

10:00 AM – 10:30 AM

Autosomal Recessive Polycystic Kidney Disease and Spindle Bipolarity

Jing Zhou, M.D., Ph.D., Brigham and Women's Hospital and Harvard Medical School
Director, Center for Polycystic Kidney Disease Research

10:30 AM – 11:00 AM

An IFT88-Dynein1 Complex Transports Microtubule Nucleating Proteins to Centrosomes for Spindle Orientation

Stephen Doxsey, Ph.D., University of Massachusetts Medical Center

11:00 AM – 11:30 AM

BBSome Loss Causes Progressive Accumulation of Signaling Proteins in *Chlamydomonas* Flagella

Karl Lehtreck, Ph.D., and *George Witman, Ph.D.*, University of Massachusetts Medical School

11:30 AM – 12:00 PM

Primary Cilium Length Regulation: An Organelle Involved in Diverse Physiological Functions

Jagesh Shah, Ph.D., Harvard Medical School and Brigham and Women's Hospital

12:00 PM – 1:00 PM (Lunch Break)

1:00 PM – 1:10 PM

A Unique Perspective of Polycystic Kidney Disease

SESSION 2 ROLE OF SIGNALING PATHWAYS IN POLYCYSTIC KIDNEY DISEASE

CHAIRS: *Jordan Kreidberg, M.D., Ph.D.*, Children's Hospital and *Jagesh Shah, Ph.D.*, Brigham and Women's Hospital and Harvard Medical School

1:10 PM – 1:40 PM

Ciliogenic Transcriptional Responses to Cystic Distension and Injury

Iain Drummond, Ph.D., Massachusetts General Hospital and Harvard Medical School

1:40 PM – 2:10 PM

Cilia, Wnts and Polycystic Kidney Disease

Julie Jonassen, Ph.D., University of Massachusetts Medical School

2:10 PM – 2:40 PM

Planar Cell Polarity and Polycystic Kidney Disease

Annouck Luyten, Ph.D., Brigham and Women's Hospital and Harvard Institutes of Medicine

2:40 PM – 3:10 PM

Uncoupling PC1/Galph12 Regulated Apoptosis

Bradley Denker, M.D., Brigham and Women's Hospital and Harvard Medical School

3:10 PM – 3:30 PM (Break)

SESSION 3 FROM SIGNALING PATHWAYS TO THERAPY

CHAIRS: *Benjamin Humphreys, M.D., Ph.D.*, and *Ayumi Takakura, Ph.D.*, Brigham and Women's Hospital and Harvard Medical School

3:30 PM – 4:00 PM

Unraveling a Novel Role for Hh Signaling in Cystic Kidney Disease

Pamela Tran, Ph.D., Brigham and Women's Hospital and Harvard Medical School

4:00 PM – 4:30 PM

C-Met Receptor and Polycystic Kidney Disease

Jordan Kreidberg, M.D. Ph.D., Children's Hospital and Harvard Medical School

4:30 PM – 5:00 PM

Clinical Trials in Polycystic Kidney Disease: the Impact of Bench to Bedside and Back Again

Theodore Steinman, M.D., Beth Israel Deaconess Medical Center and Harvard Medical School

CLOSING REMARKS

Jing Zhou, M.D., Ph.D., Brigham and Women's Hospital and Harvard Medical School
Director, Center for Polycystic Kidney Disease Research