



**Baltimore PKD Symposium
Monday, September 19, 2016**

**University of Maryland, Baltimore
SMC Campus Center - Elm Room 208-A
621 W. Lombard Street
Baltimore, Maryland 21201**

AGENDA

- 7:30-8:30am Registration/Continental Breakfast
- 8:30am *Welcome and Opening Remarks*
Terry Watnick, M.D., University of Maryland School of Medicine
- 8:40-9:10am *"Signaling Pathways in Polycystic Kidney Disease: An Embarrassment of Riches?"*
Michael Caplan, Ph.D., M.D., Yale University School of Medicine
- 9:10-9:45am *"Wnt/Ca²⁺ Signaling and ADPKD"*
Leonidas Tsiokas, Ph.D., University of Oklahoma
- 9:50-10:10am Break
- 10:10-10:45am *"In vivo Analysis of Cilia Function and Connections to Renal Disease and Physiology"*
Brad Yoder, Ph.D., University of Alabama, Birmingham
- 10:45-11:20am *"Hydrogel to Modulate Vascular Morphogenesis and Cell Migration"*
Sharon Gerecht, Ph.D., Johns Hopkins Whiting School of Engineering
- 11:20-11:55am *"Cystic Fibrosis Foundation's Approach to Facilitating Orphan Drug Discovery and Development"*
Christopher Penland, Ph.D., CF Foundation
- 12:00-1:00pm Break for Lunch
- 1:00-1:35pm *"Polycystin Function in Polycystic Kidney and Liver Disease"*
Stefan Somlo, M. D., Yale University School of Medicine
- 1:35-2:10pm *"On the Move: Mechanisms and Functions of Lysosome Positioning"*
Juan Bonifacino, Ph.D., Associate Scientific Director CBNB, NICHD, NIH
- 2:10-2:45pm *"Effects of Metformin on the AMPK Pathway and Metabolomic Biomarkers in ADPKD Kidney Epithelial Cells"*
Ken Hallows, M.D., Ph.D., University of Southern California Keck School of Medicine
- 2:45-3:10pm Break
- 3:10-3:45pm *"Intra- and Extra-Cellular Signaling in ADPKD"*
Rong Li, Ph.D., Johns Hopkins University School of Medicine
- 3:45-4:10pm *"Mechanisms of Fluid Secretion and Cystic Expansion in New ADPKD Kidney Organoid 3D Model"* **Owen Woodward, Ph.D., University of Maryland School of Medicine**
- 4:10-4:25pm **Wrap Up with Rebekah Rasooly, Ph.D., Program Officer NIDDK**
- 4:25 Adjourn

Please RSVP by September 12, 2016:
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