



**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/Ca<sup>2+</sup> 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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