

Baltimore PKD Symposium - Monday, October 6, 2014**University of Maryland, Baltimore, SMC Campus Center - Elm Room 208-A**

- 7:30-8:30am Registration
- 8:30am Welcome
Terry Watnick, M.D., University of Maryland School of Medicine
- 8:40-9:15am *Maps, Gaps and Traps: Charting our Way Toward a Cure*
Gregory Germino, M.D., Deputy Director and Senior Investigator, Kidney Disease Branch, NIDDK
- 9:15-10:00am *Ion Channels in Cilia*
Featured Speaker - David Clapham, M.D., Ph.D., Howard Hughes Medical Institute and Harvard Medical School
- 10:00-10:20am Break
- 10:20-10:40am *Electrical Signaling of Wildtype and Mutated Human Polycystin-2 Channels in a Primary Cilium*
Steven Kleene, Ph.D. & Nancy Kleene, Ph.D., University of Cincinnati College of Medicine
- 10:40-11:10am *Ciliary Membrane Proteins Traffic Through the Golgi via a Rabep1/GGA1/Arl3-Dependent Mechanism*
Feng Qian, Ph.D., University of Maryland School of Medicine
- 11:10-11:40am *Modulation of the Secretory Pathway Rescues Zebrafish PKD Pathology*
Iain Drummond, Ph.D., Massachusetts General Hospital & Harvard Medical School
- 11:40-Noon Panel Discussion
- Noon-1:00pm Break for Lunch
- 1:00-1:45pm *Lkb 1 Regulates Glutamine Metabolism and Contributes to PKD*
Featured Speaker - Thomas Carroll, Ph.D., UT Southwestern Medical Center
- 1:45-2:15pm *Cardiac Response to Disruption of the Primary Cilium*
Daniel Judge, M.D., Johns Hopkins School of Medicine
- 2:15-2:45pm *PKD/TSC Cross-Talk in the Kidney*
Alessandra Boletta, Ph.D., San Raffaele Scientific Institute, Milan, Italy
- 2:45-3:05pm Break
- 3:05-3:35pm *Systems Biology of PKD1: Integrated Analysis of miRNA and mRNA*
York P-C Pei, M.D., University of Toronto
- 3:35-4:05pm *The Promise and Challenges of "Omics" Approaches*
Afshin Parsa, M.D., M.P.H., University of Maryland School of Medicine
- 4:05-4:30pm Panel Discussion
- 4:30pm Adjourn