Thursday, April 10, 2008

17:00 – 17:15  Welcome and Opening Remarks in Champêtre Room ABCD
               Michael Caplan and Stefan Somlo, Yale University, USA
               Dan Larson, President and CEO, PKD Foundation

17:15 – 18:00  Wnt Signaling, Planar Cell Polarity in Champêtre Room ABCD
               Randall Moon, University of Washington School of Medicine, USA

20:00 – 21:30 Welcome reception in Cherry River Room

Friday, April 11, 2008

08:30 – 10:00  Session 1: PKD & Related Diseases
               Chair: Peter Igarashi, USA

               ADPKD
               Stefan Somlo, Yale University, USA

               Nephronophthisis and Ciliary Signaling
               Friedhelm Hildebrandt, University of Michigan, USA

               Update on ARPKD
               Peter Harris, Mayo Clinic, USA

10:00 – 10:30  Coffee & Networking Break in Cordial Room (2nd floor)

10:30 – 12:30  Session 2: Cilia Signaling
               (The Cilium - Basal Body – Centrosome complex)
               Chair: Joel Rosenbaum, USA

               Ciliary Assembly and Cilia-Dependent Cystic Diseases
               Joel Rosenbaum, Yale University, USA
The Cilium as Signaling Platform
Kathryn V Anderson, Sloan-Kettering Institute, USA

NEDD9, Aurora-A, and PKD
Erica A Golemis, Fox Chase Cancer Center, USA

Bardet-Biedl & Nephronophthisis Proteins in the Cilium
Peter Jackson, Genentech, USA

12:30 – 14:00 Lunch in the Dinning Room Les Jardins (1st Floor)

14:00 – 14:30 Poster Session & Discussion in Cordial Room

14:30 – 16:00 Session 3: Cystic Diseases & Signaling Pathways
Chair: Gregory Germino, USA

Polycystins, ERKs and mTOR
Alessandra Boletta, Dulbecco Telethon Institute, Italy

Wnt/Fz-Planar Cell Polarity (PCP) Signaling: Genomic and Genetic Dissection of Signaling Specificity and Regulation
Marek Mlodzik, Mount Sinai School of Medicine, USA

Loss of Cilia and Cystic Disease
Peter Igarashi, University of Texas Southwestern Medical Center, USA

STAT Signaling and PKD
Thomas Weimbs, University of California Santa Barbara, USA

16:00 – 16:30 Coffee & Networking Break in Cordial Room (2nd Floor)

16:30 – 18:30 Session 4: Trafficking, Cleavage, Partners
Chair: Alessandra Boletta, Italy

Intracellular Trafficking of Polycystin-2 and Polycystin-2 Partners
Ralph Witzgall, University of Regensburg, Germany

Polycystin-1 C Terminal Tail Cleavage and Signaling
Michael Caplan, Yale University, USA

Regulated Intramembranous Proteolysis
Raphael Kopan, Washington University in St. Louis, USA

Retrograde IFT and Shh Signaling
David Beier, Harvard Medical School, USA

20:00 – 21:30 Dinner in the Dining Room Les Jardins (1st Floor)
Saturday, April 12, 2008

09:00 – 10:30  Session 5: Polycystins & Calcium Signaling  
Chair: Sven-Eric Jordt, USA

Polycystins and Calcium  
Jing Zhou, Harvard Medical School, USA

The Interaction of Polycystin 2, Ryanodine Receptors and Calcium Modulate Changes in Intracellular Calcium  
Barbara Ehrlich, Yale University, USA

Activation Mechanisms of PC2  
Leonidas Tsiokas, University of Oklahoma Health Sciences Center, USA

10:30 – 11:00  Coffee & Networking Break in Cordial Room

11:00 – 12:30  Session 6: TRP Channels, Sensory Functions and Cystic Disease  
Chair: Barbara Ehrlich, USA

TRP Channels and Sensation  
Sven-Eric Jordt, Yale University, USA

TRP Channels: Mediators of Sensory Signaling  
Craig Montell, Johns Hopkins School of Medicine, USA

Polycystins and Taste  
Hiroaki Matsunami, Duke University Medical Center, USA

Gating of the TRPP2 Channel: Evolutionary and Structural Insights on the Role of the Extracellular Region of Polycystin-1  
Richard Sandford, University of Cambridge, UK

12:30 – 14:00  Lunch in the Dinning Room Les Jardins

14:00 – 14:30  Poster Session & Discussion in Cordial Room

14:30 – 16:30  Session 7: What We Learn from Animal Models  
Chair: Vicente Torres, USA

Mice  
Gregory Germino, Johns Hopkins University, USA

C. Elegans  
Maureen Barr, Rutgers University, USA

Drosophila  
Terry Watnick, Johns Hopkins University, USA

Exploring Cystic Disease Mechanisms in Zebrafish  
Ian Drummond, Massachusetts General Hospital, Harvard Medical School, USA

19:00 – 21:30  Dinner in the Dinning Room Les Jardins
Sunday, April, 13, 2008

09:00 – 10:30  Session 8: What We can Learn from Other Diseases
   Chair: Friedhelm Hildebrandt, USA

   BBS
   Nicholas Katsanis, Johns Hopkins University, USA

   Meckel-Gruber Syndrome: an Overview of the Molecular Genetics and Cell Biology
   Colin A Johnson, Leeds Institute of Molecular Medicine, UK

   Mechanisms of Renal Cyst Pathogenesis in Tuberous Sclerosis Complex
   Elizabeth Henske, Fox Chase Cancer Center, USA

   The von Hippel-Lindau Tumor Suppressor Protein Controls Ciliogenesis by Orienting Microtubule Growth
   Thomas Benzing, University of Cologne, Germany

10:30 – 11:00  Coffee & Networking Break in Cordial Room

11:00 – 12:30  Session 9: Therapy
   Chair: Peter Harris, USA

   Overview/Design/Clinical Trails
   Lisa Guay-Woodford, University of Alabama at Birmingham, USA

   Triptolide and ADPKD
   Craig Crews, Yale University, USA

   V2 Receptor Blockers
   Vicente Torres, Mayo Clinic, USA

   CDK Inhibition for the Treatment of PKD
   Oxana Ibraghimov-Beskrovnaya, Genzyme Corporation, USA

12:30 – 12:45  Concluding Remarks

12:45 – 14:00  Lunch in the Dinning Room Les Jardins