

PEDIATRIC NEPHROLOGY SEMINAR 2012 (PRELIMINARY SCIENTIFIC PROGRAM)

PROGRAM DIRECTOR: GASTON E. ZILLERUELO M.D.

THURSDAY MARCH 8, 2012

6:00-8:00 P.M. Registration

FRIDAY MARCH 9, 2012

7:00-8:00 A.M. Registration. Continental Breakfast.

8:00-8:10 A.M. Introduction. Opening Remarks.
Gaston E. Zilleruelo M.D.

SESSION 1: DEVELOPMENTAL NEPHROLOGY/GENETIC ORIGINS OF KIDNEY DISEASE

Moderator: Carolyn L. Abitbol M.D.

8:10-8:30 A.M. The Death of Nephrons: Buried Alive or Decapitation? Robert L.Chevalier M.D.
8:30-8:50 A.M. Relevance of Genetic Testing in NS William E. Smoyer M.D.
8:50-9:10 A.M. Fabry's Disease Olaf Bodamer M.D. , Ph. D.
9:10-9:30 A.M. Of Mice and Men: the Curious Story of ACE-inhibitor Fetopathy Robert L.Chevalier M.D.
9:30-9:50 A.M. Role of Epigenetics in Kidney Disease Olaf Bodamer M.D. , Ph.D.
9:50-10:10 A.M. Long-term Effects of the Preemie Kidney Carolyn L. Abitbol M.D.
10:10-10:30 A.M. Panel Discussion
10:30-11:00 A.M. Break and Visit Exhibits

SESSION 2: TUBULAR DISORDERS/ BIOMARKERS OF RENAL DISEASE

Moderator: Vera Koch M.D.

11:00-11:20 P.M. Magnesium Wasting Syndromes Uri S. Alon M.D.
11:20-11:40 P.M. Phosphorus: Friend or Foe? Adrian Spitzer M.D.
11:40-12:00 P.M. Pathogenic Roles of Uric Acid F. Bruder Stapleton M.D.
12:00-12:20 P.M. Biomarkers of Tubular Injury Richard Cote M.D.
12:20-12:40 P.M. Hypophosphatemic Rickets Uri S. Alon M.D.
12:40-1:00 P.M. Cystinosis: A Novel Therapy Robert Mak M.D. , Ph.D.
1:00-1:30 P.M. Panel Discussion
1:30-2:30 P.M. Meet the Professors Luncheon

SESSION 3: WORKSHOP ON DIALYSIS CHALLENGES

Moderator: Bradley A. Warady M.D.

3:00-3:30 P.M. **Special Presentation:** An Integrated View of the Physiology of Progressive Chronic Kidney Disease H. William Schnaper M.D.
3:30-5:30 P.M. Growth challenges in ESRD: NAPRTCS Richard N. Fine M.D.
AKI: When to indicate dialysis? Which modality? Stuart L.Goldstein M.D.
Tandem HD/TPE Guido Filler M.D., Ph. D.
PD Challenges Bradley A. Warady M.D.
HD Challenges Stuart L. Goldstein M.D.

5:30-7:30 P.M. **WELCOME RECEPTION**

SATURDAY MARCH 10, 2012

7:30-8:00 A.M. Registration. Continental Breakfast.

SESSION 4: BONE DISEASE, VIT D ANALOGS , FGF-23 AND THE KIDNEYS

Moderator: Michael Freundlich M.D.

8:00-8:20 A.M. New Roles of FGF-23 in Bone Metabolism Isidro B. Salusky M.D.
8:20-8:40 A.M. FGF-23 and the Heart Wacharee Seeherunvong M.D.
8:40-9:00 A.M. FGF-23 Post-renal Transplantation Myles Wolf M.D.
9:00-9:20 A.M. Long-term effects of Idiopathic Hypercalciuria Michael Freundlich M.D.

9:20-9:40 A.M.	Vit D and its role in Diabetic Nephropathy Robert Mak M.D.,Ph.D.
9:40-10:00 A.M.	Vit D Receptor Activators and the Progression of CKD Michael Freundlich M.D.
10:00-10:30 A.M.	Panel Discussion
10:30-11:00 A.M.	Break and Visit Exhibits

SESSION 5: HYPERTENSION AND VASCULAR BIOLOGY

Moderator: Joseph T. Flynn M.D.

11:00-11:20 A.M.	Neonatal Hypertension: An Update Joseph T. Flynn M.D.
11:20-11:40 A.M.	Hypertension from Endothelial Injury Frederick J. Kaskel M.D., Ph.D.
11:40-12:00 A.M.	Renovascular Hypertension: An Approach to Management Julie R. Ingelfinger M.D.
12:00-12:20 P.M.	Hypertensive Crisis Joseph T. Flynn M.D.
12:20-12:40 P.M.	Cardiac Biomarkers in Kidney Diseases Steven E. Lipshultz M.D.
12:40-1:00 P.M.	Use of ABPM in Masked Hypertension Mark Mitsnefes M.D.
1:00-1:30 P.M.	Panel Discussion
1:30-2:30 P.M.	Meet the Professors Luncheon

SESSION 6: WORKSHOP ON TRANSPLANT CHALLENGES

Moderator: Richard N. Fine M.D.

3:00-3:30 P.M.	Special Presentation: Current Status of Tolerance in Clinical Organ Transplantation Richard N. Fine M.D.
3:30-5:30 PM	BK and PTLT Challenges: Vikas R. Dharnidharka M.D. Role of Proteinuria Post-Renal Transplantation Jayanthi Chandar M.D. Latin-American Registry for Transplantation Nelson Orta M.D. Recurrence of FSGS: New Developments George W. Burke, III, M.D. 3 Best Fellows Abstracts Presentations

SUNDAY MARCH 11, 2012

7:00-8:00 A.M. Registration. Continental Breakfast.

SESSION 7: RESEARCH AND TRAINING INITIATIVES

Moderator: William E. Smoyer M.D.

8:00-8:30 A.M.	Manuscript Writing Interactive Session Julie R. Ingelfinger M.D.
9:00-9:15 A.M.	Development and Use of Emotional Intelligence in the Work Place John Mahan M.D.
9:15-9:30 A.M.	Transition From Training to Practice William E. Smoyer M.D.
9:30-9:45 A.M.	NIH Research Initiatives: An Update Marva Moxey-Mims M.D.
9:45-10:15 A.M.	Break. Visit Exhibits

SESSION 8: CLINICO-PATHOLOGIC CORRELATIONS

Moderator: Jayanthi Chandar M.D.

10:15-10:30 A.M.	Taxonomy of Podocytopathies H. William Schnaper M.D.
10:30-11:30 A.M.	Interactive Case Presentations: J. Chandar, R. Valenzuela, M. Garcia-Buitrago

SESSION 9: THE KIDNEY IN SYSTEMIC DISEASES

Moderator: Ramon Exeni M.D.

11:30-11:50 A.M.	Sickle Cell Nephropathy Ofelia Alvarez M.D.
11:50-12:10 A.M.	SLE Nephritis: Early versus Late Rituximab? Carolyn L. Abitbol M.D.
12:10-12:30 A.M.	Use of Angiotensin Blockade in CKD Guido Filler M.D., Ph.D.
12:30-12:50 A.M.	New Approaches on the Management of HUS/aHUS Frederick J. Kaskel M.D., Ph.D.
12:50-1:30 P.M.	Panel Discussion

ADJOURN

GUEST FACULTY

- * Uri S. Alon M.D. Professor of Pediatrics and Director of Research and Education, Section of Nephrology, Children's Mercy Hospital and Clinics, University of Missouri , Kansas City, MO**
- * Robert L. Chevalier M.D. David Harrison Professor of Pediatrics. University of Virginia, Charlottesville, VA**
- * Vikas R. Dharnidharka M.D. Associate Professor and Director Pediatric Nephrology, University of Florida Health Science Ctr, Gainesville, FI**
- * Ramon Exeni M.D. Pediatric Nephrology Department, Hospital de Ninos de San Justo and Director of Pediatric Nephrology Fellowship. University of Buenos Aires. Argentina**
- * Guido Filler M.D., PhD. Professor of Pediatrics, Chair Department of Pediatrics. Children's Hospital, London Health Science Centre University of Western Ontario**
- *Richard N. Fine M.D. Professor of Pediatrics and Dean School of Medicine, State University of NY at Stonybrook**
- *Joseph T. Flynn M.D., M.S. Professor of Pediatrics, Division of Pediatric Nephrology, University of Washington/Children's Hospital, Seattle, WA**
- *Stuart L. Goldstein M.D. Professor of Pediatrics, Division of Nephrology and Hypertension & The Heart Institute. Director, The Center for Acute Care Nephrology. Cincinnati Children's Hospital Medical Center, Cincinnati, OH**
- *Frederick J. Kaskel M.D., Ph.D. Professor of Pediatrics and Director of Pediatric Nephrology, Department of Pediatrics, Children's Hospital at Montefiore, NY**
- * Vera Koch M.D. Professor of Pediatric Nephrology, Instituto da Crianca do Hospital das Clinicas. University of Sao Paulo, School of Medicine, Brazil. Secretary General ALANEPE**
- *Julie R. Ingelfinger M.D. Professor of Pediatrics, Harvard Medical School; Senior Consultant in Pediatric Nephrology, MassGeneral Hospital for Children at Massachusetts General Hospital; Deputy Editor, The New England Journal of Medicine, Boston, MA**
- * John D. Mahan M.D. Assistant Dean for Faculty Development. Professor, Department of Pediatrics. Program Director, Pediatric Residency and Pediatric Nephrology Fellowship Programs. Director ,OSU College of Medicine Center for Education and Scholarship. The Ohio State University College of Medicine (TBC)**
- * Mark Mitsnefes M.D. Pediatric Nephrology. Cincinnati Children's Hospital, OH**
- *Marva Moxey-Mims M.D. Director Pediatric Nephrology and Renal Centers Programs, NIH, NIDDK, DKUH, Bethesda, MD**
- *Robert Mak M.D., Ph.D. Professor and Chief, Director of Fellowship Program. Division of Pediatric Nephrology. University of California at San Diego**
- * Nelson Orta M.D. Former Secretary General ALANEPE, Professor of Pediatrics and Pediatric Nephrology, University of Carabobo, Valencia, Venezuela**
- *Isidro B. Salusky M.D. Professor of Pediatrics; Associate Dean of Clinical Research; Director Pediatric Dialysis Program; Director, General Clinical Research Center, David Geffen School of Medicine at UCLA, Los Angeles, CA. Secretary General of the International Pediatric Nephrology Association (TBC)**
- *William E. Smoyer M.D. Center for Clinical and Translational Research. The Research Institute at Nationwide Children's Hospital, Columbus, OH**
- *H. William Schnaper M.D. Professor of Pediatrics; Vice Chairman, Children's Memorial Medical Center, Feinberg School of Medicine, Northwestern University, Chicago, IL President, ASPN**
- * Adrian Spitzer M.D. Emeritus Professor of Pediatrics. Albert Einstein College of Medicine. Bronx, NY**
- * F. Bruder Stapleton M.D. Professor and Chair of Pediatrics; Associate Dean, University of Washington, Seattle, WA**
- * Bradley A. Warady M.D. Professor of Pediatrics, University of Missouri-Kansas City School of Medicine, Associate Chairman of Pediatrics, Academic Affairs. Chief Section of Pediatric Nephrology, Director of Dialysis and Transplantation. The Mercy Children's Hospital, Kansas City, MO**

LOCAL FACULTY

- *Carolyn L. Abitbol, M.D. Professor of Pediatrics, Medical Director, Pediatric Dialysis Unit, Division of Pediatric Nephrology, Department of Pediatrics**
- * Ofelia Alvarez M.D. Professor of Clinical Pediatrics. Division of Hematology and Oncology**
- * Olaf Bodamer M.D., Ph.D. Professor of Pediatrics, Chief Division of Clinical and Translational Genetics**
- * George Burke M.D. Professor of Surgery and Director, Division of Kidney Pancreas Transplantation**
- *Jayanthi Chandar, M.D. Associate Professor of Clinical Pediatrics, Division of Pediatric Nephrology, Department of Pediatrics**
- * Richard Cote M.D. Professor and Chair Department of Pathology, Director Biomedical Nanoscience Institute**
- *Michael Freundlich, M.D. Professor of Clinical Pediatrics, Division of Pediatric Nephrology**
- * Monica Garcia-Buitrago M.D. Associate Professor of Pathology**
- * Steven E. Lipshultz M.D. George Batchelor Professor and Chairman, Department of Pediatrics. Chief of Staff Holtz Children's Hospital**
- *Wacharee Seeherunvong, M.D. Assistant Professor of Clinical Pediatrics, Division of Pediatric Nephrology, Department of Pediatrics**
- *Rafael Valenzuela, M.D., Ph.D. Professor of Pathology, Department of Pathology; Chief , Pathology and Laboratory Medicine Service, Veterans Affairs Medical Center, Nephropathologist VA, JMH/UM**
- * Myles Wolf M.D. Associate Professor of Medicine. Department of Internal Medicine**
- *Gaston E. Zilleruelo, M.D. Professor of Pediatrics, Director, Division of Pediatric Nephrology, Department of Pediatrics; Program Director, Pediatric Nephrology Seminars**