PEDIATRIC NEPHROLOGY
40TH YEAR SEMINAR
March 15 - March 17, 2013
The Alexander
All Suite Ocean Front Resort
Miami Beach, Florida

Sponsored by the

UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE

Presented by The Division of Pediatric Nephrology, Department of Pediatrics

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PEDIATRIC NEPHROLOGY SEMINAR XL

MIAMI BEACH, FL
THE ALEXANDER
ALL SUITE OCEAN FRONT RESORT
5225 COLLINS AVENUE, MIAMI BEACH, FL 33140
March 15 - March 17, 2013

For More Information call 305-243-6716
Visit us at http://pediatricnephrology.med.miami.edu/seminar
FRIDAY MARCH 15, 2013

7:00-8:00 A.M. Registration. Continental Breakfast.
8:00-8:10 A.M. Introduction. Opening Remarks.
Gastón E. Zilleruelo, M.D.

SESSION 1: PEDIATRIC NEPHROLOGY FOR THE PRACTITIONER
MODERATOR: CAROLYN L. ABITBOLO, M.D.

8:10-8:30 A.M. After the first UTI: What to do?
Controversies and Consensus
Eduardo H. Garin, M.D.

8:30-8:50 A.M. Blood or Protein in the Urine: How much work up is needed?
Uri S. Alon, M.D.

8:50-9:10 A.M. Dysnatremias: A Nephrologist Approach
Carolyn L. Abitbol, M.D.

9:10-9:30 A.M. Renal Tubular Acidosis: An Update
Uri S. Alon, M.D.

9:30-10:00 A.M. Hypertension in Children: Are we doing a good job?
Joseph T. Flynn, M.D., MS

10:00-10:30 A.M. Panel Discussion

10:30-11:00 A.M. Break and Visit Exhibits

SESSION 2: NEPHROTIC SYNDROME AND GLOMERULOPATHIES
MODERATOR: FREDERICK J. KASKEL, M.D., Ph.D.

11:00-11:20 A.M. New developments in primary podocytopathies
Jochen Reiser, M.D.

11:20-11:40 A.M. Role of Cytokines in the Pathogenesis of Proteinuria
Eduardo H. Garin, M.D.

11:40-12:00 A.M. The Nephrotic Syndrome Study Network (NEPTUNE)
Frederick J. Kaskel, M.D., Ph.D.

12:00-12:20 P.M. Thromboembolic Complications in NS
William E. Smoyer, M.D.

12:20-12:40 P.M. Management of SRNS/FSGS with Sequential Therapies
Guido Filler, M.D., Ph.D.

12:40-1:00 P.M. Newer approaches for Complement Deficiency Nephropathies
Frederick J. Kaskel, M.D., Ph.D.

1:00-1:30 P.M. Panel Discussion

1:30-2:30 P.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)

2:30-3:00 PM Break and Visit Exhibits

SESSION 3: WORKSHOP ON GROWTH AND NUTRITION IN CKD
MODERATOR: JOHN D. MAHAN, M.D.

3:00-5:00 P.M. Factors involved in growth failure in CKD
John D. Mahan, M.D.
Nutritional challenges in children with CKD/ESRD
Carolyn L. Abitbol, M.D.
Role of rGH therapy for growth failure in children with CKD 2-5
John D. Mahan, M.D
Role of rGH therapy after solid organ transplantation
Richard N. Fine, M.D.
Case Discussion

SESSION 4: CRITICAL CARE PEDIATRIC NEPHROLOGY/CKD/DIALYSIS
MODERATOR: JOSEPH T. FLYNN, M.D., M.S.

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

8:00-8:20 A.M. AKI in the PICU: Managing RRT
Timothy E. Bunchman, M.D.

8:20-8:40 A.M. Role of ABPM in Dialysis Patients
Wacharee Seeherunvong, M.D.

8:40-9:00 A.M. Anemia management in CKD Stage 1-5
Bradley A. Waday, M.D.

9:00-9:20 A.M. Heavy Metal Accumulation in CKD
Guido Filler, M.D., Ph.D.

9:20-9:40 A.M. FGF23, Bone and Renal Osteodystrophy
Isidro B. Salusky, M.D.

9:40-10:00 A.M. Setting up a new Dialysis Unit: which are the essentials?
Joseph T. Flynn, M.D., MS

10:00-10:30 A.M. Panel Discussion

10:30-11:00 A.M. Break and Visit Exhibits

11:00-11:20 A.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)

11:20-11:40 A.M. Break and Visit Exhibits

11:40-12:00 A.M. Panel Discussion

12:00-12:20 P.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)

2:00-3:00 PM Break and Visit Exhibits

SATURDAY MARCH 16, 2013

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

SESSION 5: WORKSHOP ON GROWTH AND NUTRITION IN CKD
MODERATOR: JOHN D. MAHAN, M.D.

3:00-5:00 P.M. Factors involved in growth failure in CKD
John D. Mahan, M.D.
Nutritional challenges in children with CKD/ESRD
Carolyn L. Abitbol, M.D.
Role of rGH therapy for growth failure in children with CKD 2-5
John D. Mahan, M.D
Role of rGH therapy after solid organ transplantation
Richard N. Fine, M.D.
Case Discussion

SESSION 6: CRITICAL CARE PEDIATRIC NEPHROLOGY/CKD/DIALYSIS
MODERATOR: JOSEPH T. FLYNN, M.D., M.S.

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

8:00-8:20 A.M. AKI in the PICU: Managing RRT
Timothy E. Bunchman, M.D.

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9:40-10:00 A.M. Setting up a new Dialysis Unit: which are the essentials?
Joseph T. Flynn, M.D., MS

10:00-10:30 A.M. Panel Discussion

10:30-11:00 A.M. Break and Visit Exhibits

11:00-11:20 A.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)

11:20-11:40 A.M. Break and Visit Exhibits

11:40-12:00 A.M. Panel Discussion

12:00-12:20 P.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)
SESSION 5: TRANSPLANT ON-GOING CHALLENGES
MODERATOR: RICHARD N. FINE, M.D.

11:20-11:40 A.M. Acute Mediated Rejection: An Update
Richard N. Fine, M.D.

11:40-12:00 P.M. Post-Transplant Hypertension: Is there a problem?
Mark Mitsnefes, M.D.

12:00-12:20 P.M. Long-term Complications after Transplant
Guido Filler, M.D., Ph. D.

12:20-12:40 P.M. Transplant in ARPKD: Liver and/or Kidney?
Jayanthi Chandar, M.D.

12:40-1:00 P.M. Multiple Organ Transplantation after HSCT/BMT in Children
Richard Fine, M.D.

1:00-1:30 P.M. Panel Discussion

1:30-2:30 P.M. Meet the Professors Luncheon (Only open to certain Grant Recipients)

2:30-3:00 P.M. Break and Visit Exhibits

SESSION 6: WORKSHOP ON OBSTRUCTIVE UROPATHIES/NEPHROLITHIASIS
MODERATOR: MICHAEL FREUNDLICH, M.D.

3:00-5:00 PM Reversible neonatal partial ureteral obstruction: from mice to children
Robert L. Chevalier, M.D.
Obstructive uropathies: When is Early Intervention Needed?
Rafael Gosalbez, M.D.
Bladder dysfunction: Role of Urodynamics
Andrew Labbie, M.D.
Nephrolithiasis: Role of the Nephrologist
Michael Freundlich, M.D.
Case Discussion

5:00-5:30 PM Special Lecture: Kidney Disease Research: From Concept to Cure
H. William Schnaper, M.D

5:30PM Adjourn

SUNDAY MARCH 17, 2013

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

SESSION 7: RESEARCH AND TRAINING INITIATIVES
MODERATOR: H. WILLIAM SCHNAPER, M.D.

8:00-8:30 A.M. Grant Writing: The Agony and the Ecstasy
H. William Schnaper, M.D.

8:30-8:50 A.M. Leadership Styles: Leveraging your strengths for best success
John D. Mahan, M.D.

8:50-9:30 A.M. Manuscript Writing and Review
Julie R. Ingelfinger, M.D.

SESSION 8: CLINICO-PATHOLOGIC CORRELATIONS: CASE DISCUSSION
MODERATOR: JAYANTHI CHANDAR, M.D.

9:30-10:30 A.M. Laura Barisoni, M.D., Jayanthi Chandar, M.D, Monica Garcia, M.D., David B. Thomas, M.D., Ph.D., Rafael Valenzuela, M.D. Ph.D.

10:30-11:00 A.M. Break and Visit Exhibits

SESSION 9: NEW FRONTIERS IN PEDIATRIC NEPHROLOGY
MODERATOR: JULIE R. INGELFINGER, M.D.

11:00-11:20 A.M. Nano-Medicine : Past/Present/Future
Ram Datar, M.Phil., Ph.D.

Robert L. Chevalier, M.D.

11:40-12:00 P.M. Biomarkers for estimating prognosis of CKD: Is FGF 23 the answer?
Myles Wolf, M.D.

12:00-12-20 P.M. Salt and Hypertension: Are they related?
Julie R. Ingelfinger, M.D.

12:20-12:40 P.M. Cystinosis: A model approach to cure
Vera Koch, M.D.

12:40-1:00 P.M. Panel Discussion

1:00 P.M Conference Adjourn

For more information about registration and travel grants contact our webpage <http://pediatricnephrology.med.miami.edu/seminar>
URSI A. LON, M.D.
Professor of Pediatrics and Director, Bone and Mineral Disorders Clinic, Section of Nephrology, Children's Mercy Hospital and Clinics, University of Missouri at Kansas City School of Medicine Kansas City, MO

TIMOTHY E. BUNCHMAN, M.D.
Professor of Pediatrics, Pediatric Nephrology, Children's Hospital of Richmond VCU School of Medicine

ROBERT L. CHEVALIER, M.D.
David Harrison Professor of Pediatrics, University of Virginia, Charlottesville, VA

CHESTER M. EDELLENN, M.D.
Distinguished University Professor Senior Associate Dean Emeritus, Department of Pediatrics Albert Einstein College of Medicine

RAMON EXENI, M.D.
Professor of Pediatrics, Facultad de Medicina de la Universidad de Buenos Aires, Chief, Department of Nephrology, Hospital Municipal de Niños, 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, Ontario, Canada

RICHARD N. FINE, M.D.
Professor of Pediatrics, Stony Brook Medicine Stony Brook, New York

JOSEPH T. FLYNN, M.D., MS.
Professor of Pediatrics, Stony Brook Medicine Stony Brook, New York

JOSEPH T. FLYNN, M.D., MS.
Professor of Pediatrics, University of Miami, Miami, FL

LAURA BARISONI M.D.
Professor of Pediatrics, Department of Pediatrics, University of Miami, Miami, FL

JAYANTHI CHANDAR, M.D.
Associate Professor of Clinical Pediatrics, Division of Pediatric Nephrology, University of Miami School of Medicine, Miami, FL

RAM DATAR, M.PHI., PH.D.
Associate Professor of Pathology, Biochemistry and Molecular Biology, Co-Director Biomedical Nanotechnology Institute, Leonard Miller School of Medicine

MICHAEL FREUNDLICH, M.D.
Professor of Clinical Pediatrics, Division of Pediatric Nephrology, Consultant in Pediatric Nephrology, Leonard Miller School of Medicine, Miami, FL

CAROLYN L. ABITBOL, M.D.
Professor of Pediatrics, Medical Director, Pediatric Dialysis Unit, Division of Pediatric Nephrology, Department of Pediatrics Leonard Miller School of Medicine, University of Miami, Miami, FL

LAURA BARISONI M.D.
Professor of Pediatrics, Department of Pediatrics, University of Miami, Miami, FL

JAVANTHI CHANDAR, M.D.
Associate Professor of Clinical Pediatrics, Division of Pediatric Nephrology, Department of Pediatrics Leonard Miller School of Medicine, University of Miami, Miami, FL

DAVID THOMAS, M.D.
Professor of Pathology, Department of Pathology, Leonard Miller School of Medicine, University of Miami, Miami, FL

MICHAEL FREUNDLICH, M.D.
Professor of Clinical Pediatrics, Division of Pediatric Nephrology, Consultant in Pediatric Nephrology, Leonard Miller School of Medicine, Miami, FL

MONICA GARCIA-BUITRAGO M.D.
Assistant Professor of Clinical Pathology, Department of Pathology, Leonard Miller School of Medicine, University of Miami, Miami, FL

RAFAEL GOSALBES M.D.
Associate Professor of Urology, Department of Urology, Director Division of Pediatric Urology, Leonard Miller School of Medicine, University of Miami, Miami, FL

ANDREW LABBIE M.D., FAAP
Voluntary Assistant Professor of Urology, Pediatric Urology Leonard Miller School of Medicine, University of Miami, Miami, FL

WACHAREE SEEHERUNVONG, M.D.
Assistant Professor of Clinical Pediatric Nephrology Division of Pediatric Nephrology, Department of Pediatrics Leonard Miller School of Medicine, University of Miami, Miami, FL

JOSE STRAUSS M.D.
Emeritus Professor, Division of Pediatric Nephrology, Department of Pediatrics, Former Chairman Pediatric Nephrology Seminar, Leonard Miller School of Medicine, University of Miami, Miami, FL

JOCHEN REISER, M.D., Ph.D.
Professor and Chairman of Medicine Rush University, Chicago, IL

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

H. WILLIAM SCHNAPER, M.D.
Professor and Vice Chair of Pediatrics Northwestern University Feinberg School of Medicine Ann & Robert H. Lurie Children’s Hospital, Chicago, IL

WILLIAM E. SMOYER, M.D.
Vice President, Clinical Translational Research Director, Center for Clinical and Translational Research The Research Institute at Nationwide Children’s Hospital, The Ohio State University, Columbus, OH

BRADLEY A. WARADY, M.D.
Professor of Pediatrics, University of Missouri-Kansas City School of Medicine, Senior Associate Chairman of Pediatric Nephrology, Director Division of Pediatric Nephrology; Director of Dialysis and Transplantation, Children’s Mercy Hospital and Clinics, Kansas City, MO
Flanked by the roaring Atlantic Ocean and rippling Intracoastal Waterway, the Alexander All Suite Ocean Front Resort is located in the heart of Miami Beach. Attendees will enjoy late-winter in South Florida which is unlike that in any other part of the U.S. thanks to a subtropical climate and strong Caribbean/Latin American influences. It's just the right place for recharging your personal and professional perspectives in the company of friends and colleagues. You won’t need your coat, boots, or umbrella, but a light jacket may feel good in Miami’s moonlit evening breezes and super-air conditioned restaurants.

Room Rates: $289 + $11.00 Resort Fee and 13% tax-Single/Double Occupancy-European Plan (meals not included) Room rates apply three day prior to, during and three days after the Seminar. Reservations must be received by February 22, 2013, to take advantage of the above rate. Please use attendee code 3590 when making your reservations. After this date, reservation requests will be considered on a space available basis.

**PEDIATRIC NEPHROLOGY SEMINAR XL**

**SEMINAR REGISTRATION FORM**

**Tuition:**
- $595.00  Physician in Practice
- $295.00  *Physician in Training, Nurses, Allied Health Care Professionals

*Physicians in Training will need letter of verification from Chief of service. Tuition includes admission to scientific sessions, a course flashdrive and continental breakfasts. After February 26, 2013 and (On-Site) $650.00 for physician in practice and $330 all others.

**Services for the Disabled:**
If special arrangements are required for an individual with a disability to attend this conference, please contact: Gaston Zilleruelo, M.D. (305) 585-6726 and the Alexander All Suite Ocean Front Resort 1-800-327-6121 or (305) 865-6500 no later than February 8, 2013.

**Registration Cancellation Policy**
Refunds will be made only if written notice of cancellation is received prior to March 6, 2013. A $75.00 fee is charged for all refunds. After this date, no refunds will be made. In cases where a course is cancelled due to insufficient registrations, a full tuition refund will be made.

**What is your position:**
- [ ] Physician
- [ ] Nurse
- [ ] Other (Specify)

**Name:**
- (Last, First, Middle): _________________________________

**Affiliation/Institution:** _________________________________

**Specialty:** _________________________________

**Degree:** _________________________________

**Mailing Address:** _________________________________

**City, State:** _________________________________

**Zip:** _________________________________

**Email (Required):** _________________________________

**Tel:** _________________________________

**Fax:** _________________________________

**Country:** _________________________________

**Type of Practice:**
- [ ] Private
- [ ] Academic
- [ ] Hospital
- [ ] Government
- [ ] Other (Specify)

**In Training:**
- [ ] Medical Student
- [ ] Resident
- [ ] Fellow
- [ ] Other (Specify)

**How did you hear of this program?**
- [ ] Brochure
- [ ] Journal
- [ ] Ad
- [ ] Colleague
- [ ] Email
- [ ] Website

**Other (Specify):** _________________________________

**Self Description (for statistical purposes only):**
- Birthplace: _________________________________
- Gender: [ ] Male  [ ] Female

**Ethnicity:**
- Do you consider yourself to be Hispanic/Latino? [ ] Yes  [ ] No

- [ ] American Indian or Alaska Native
- [ ] Asian
- [ ] Black or African American
- [ ] Native Hawaiian or Other Pacific Islander
- [ ] White

**Payment:**
- [ ] Check enclosed, payable to: **UM Pediatric Nephrology Seminars**
- [ ] Charge registration fee $ ________________, to my [ ] VISA  [ ] Master Card  [ ] AMEX

**Card Number:** _________________________________

**Expiration Date:** _________________________________

**Name on Card:** _________________________________

**Authorized Signature:** _________________________________

Since meeting room temperature and personal comfort zones may vary, a light jacket or sweater is suggested.
COURSE DESCRIPTION
Pediatric Nephrology Seminar XL is an international forum for pediatric and adult nephrologists, pediatricians, internists, general practitioners, renal pathologists, neonatologists, pediatric urologists, transplant surgeons, nurses, nutritionists and allied health professionals to review selected relevant subjects and share new scientific materials. The content is basic, the approach is clinical. Conceptual and practical problems are featured in a balance of formal presentations followed by informal discussions. Topics covered relate research advances to the understanding of mechanisms of renal disease and clinical diagnosis and management.

All registrants have opportunities to be involved in a dynamic exchange of information, experience, and insight. Selection of topics, faculty and format are based on suggestions from past Seminar participants and current questions. Specific topics selected for Pediatric Nephrology Seminar XL include a total of 9 Sessions covering pediatric nephrology for the practitioner, including controversies in the evaluation and management of febrile UTI, the approach to the hypertensive child and fluid/electrolytes disorders, new developments in the pathogenesis of nephrotic syndrome and selected glomerulopathies, mechanisms of progressive chronic kidney disease (CKD), therapeutic challenges in dialysis and transplantation, and new frontiers in pediatric nephrology. This coming year we plan to expand a Session devoted to Fellowship Training Issues and Research Initiatives. In addition, there will be 2 separate workshops dealing with diagnostic and therapeutic challenges in congenital obstructive uropathies and the role of growth and nutrition in CKD. There will be one interactive Session on Clinico-Pathologic correlations. Also, 2 special State of the Art presentations will cover Kidney Disease Research: From Concept to Cure and Pediatric Nephrology Seminars: A 40 years Legacy. All the topics selected have high clinical and research relevance and have not been covered by other conferences in recent years. Some of the data presented will include cutting edge research and innovative therapeutic approaches. The Seminar will take place over a 3 day period and will deal with a diverse array of current nephrologic and urologic issues ranging from basic science to clinical practice. There will be a total of 20 distinguished Guest Faculty including the President of the American Society of Pediatric Nephrology, several ASPN Council Members, the Secretary General of IPNA and the ALANEPE General Secretary. Each presentation will last 20 minutes and will be carefully timed to permit maximum opportunity of discussion by participants and faculty. The atmosphere is maintained at an informal level, encouraging participation by minority members and junior faculty attendees during the Panel Discussions at the end of each Session and during the Meet the Professor Luncheons.

OBJECTIVES
- Upon completion of this course, participants will be able to define the various etiologies and physiologic conditions relating to these subjects, select appropriate diagnostic procedures, understand that which may occur as a result of the disease process or treatment, and indicate appropriate therapy
- Identify recent discoveries in basic, translational and clinical research in selected areas of pediatric nephrology
- Assess diagnostic tools in the practitioner approach to children with common pediatric nephrology disorders
- Evaluate pathogenesis, complications and management of children with nephrotic syndrome and complement deficient glomerulopathies
- Assess the impact of growth and nutrition in children with chronic kidney diseases (CKD) and the effects of use of recombinant growth hormone therapy in their management
- More effectively manage children with CKD, dialysis and transplant and its complications
- Evaluate pathogenesis, complications and management of infants and children with obstructive uropathies and nephrolithiasis
- Outline the steps for applying for research funding and publishing manuscripts
- Assess the importance of leadership styles and strengths to obtain successful outcomes
- Analyze the data from kidney biopsies and their clinical correlation

DISCLOSURE AND CONFLICT OF INTEREST RESOLUTION
All conflicts of interest of any individuals in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

TARGET AUDIENCE
Pediatric Nephrology Seminar XL is an international forum for pediatric and adult nephrologists, pediatricians, internists, general practitioners, renal pathologists, neonatologists, pediatric urologists, transplant surgeons, nurses, nutritionists and allied health professionals to review selected relevant subjects and share new scientific materials.

ACCREDITATION
The University of Miami Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION
University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 18.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.