14th Congress of the International Pediatric Nephrology Association

31 August – 4 September, 2007
Budapest, Hungary

Final Programme
Scientific Programme

Friday, 31 August, 2007
18.00 – 19.30 OPENING CEREMONY Concert Hall
Entertainment
Speeches

Opening Lecture
Challenges and Opportunities in Biomedical Research in the 21st Century
Sir George Radda
Oxford, United Kingdom

19.30 – 21.00 Get-together Party

Saturday, 1 September, 2007
07.30 – 08.10 EARLY MORNING SESSION/CME Concert Hall
Cerebral Salt Wasting, Vasopressin Excess, SIADS
W. Rascher1, E. Sulyok2
1University Erlangen-Nuremberg, University Children’s Hospital, Department of Pediatrics, Erlangen, Germany
2University of Pécs, Faculty of Health Sciences, Pécs, Hungary

07.30 – 08.10 EARLY MORNING SESSION/CME Theater Hall
Nephrotic Syndrome in the First Year of Life
C. Holmberg1, J. Vande Walle2
1University of Helsinki, Hospital for Children and Adolescents, Helsinki, Finland
2University Hospital Gent, Pediatric Uro-Nephrologic Center, Gent, Belgium

07.30 – 08.10 EARLY MORNING SESSION/CME Blue Hall
Diagnosis and Treatment of Acute Kidney Injury
A. Bagga1, P. Cochat2
1All India Institute of Medical Sciences, Department of Pediatrics, New Delhi, India
2Hopital Edouard-Herriot, Department of Pediatrics, Lyon, France

08.10 – 08.20 Break

08.20 – 09.05 STATE OF THE ART LECTURE Concert Hall
Chairman: F. Hildebrant
1 (SA) Polycistic Kidney Disease, Mechanisms and Therapeutic Insights
V. E. Torres
Division of Nephrology, Mayo Clinic, Rochester, United States

09.05 – 09.15 Housekeeping Remarks and Technical Break
**09.15 – 10.45 SYMPOSIUM**

**Pediatric Hypertension**

*Chairmen:* F. S. Schäfer – E. Brewer

2 (SY)  
15’

**Role of Ambulatory BP Monitoring in the Treatment of Hypertension in Children and Adolescents**

J. Flynn  
*Children's Hospital and Regional Medical Center/University of Washington, Seattle, United States*

3 (SY)  
15’

**Hypertension in the Obese Child with Metabolic Syndrome**

E. Brewer  
*Baylor College Medicine/Texas Children's Hospital, Renal Section, Department Pediatrics, Houston, Texas, United States*

4 (SY)  
15’

**Selective Nocturnal Hypertension in Children Born Prematurely**

U. Bayrakci1, F. S. Schäfer2, A. Duzova3, S. Yigit3, A. Bakkaloglu1  
1Hacettepe University, Faculty of Medicine, Department of Pediatric Nephrology, Ankara, Turkey  
2University of Heidelberg, Department of Pediatric Nephrology, Heidelberg, Germany  
3Hacettepe University, Faculty of Medicine, Department of Pediatric Neonatology, Ankara, Turkey

5 (SY)  
15’

**Intensified Blood Pressure Control in Pediatric Chronic Kidney Disease: Results of the ESCAPE Trial**

F. S. Schäfer  
*University of Heidelberg, Division of Pediatric Nephrology, Heidelberg, Germany*

**09.15 – 10.45 SYMPOSIUM**

**Genetic Renal Disease 1. The Cystic Disease the Cilia Saga**

*Chairmen:* F. Hildebrandt – L. Guay-Woodford

6 (SY)  
15’

**ARPKD Pathogenesis: Potential Roles for Transcriptional Complexity and Notch-like Processing**

L. Guay-Woodford1, R. Boddu1, L. Onuchic2, I. Fonseca2, M. Garcia-Gonzalez3, J. Kaimori3, G. Germino3  
1Departments of Medicine, Pediatrics and Genetics, University of Alabama at Birmingham, Birmingham, United States  
2Department of Medicine, University of Sao Paulo, Sao Paulo, Brazil  
3Departments of Medicine and Genetics, Johns Hopkins University, Baltimore, United States

7 (SY)  
15’

**Uncovering Novel Functions of Vertebrate Cilia**

N. Katsanis  
*McKusick-Nathans Institute of Genetic Medicine, Department of Ophthalmology, Molecular Biology and Genetics, Johns Hopkins University School of Medicine, Baltimore, United States*
8 (SY) Nephronophthisis and Joubert Syndrome: Converging on Convergent Extension?
15’ F. Hildebrandt
University of Michigan, 1st Department of Pediatrics, Ann Arbor, United States

9 (SY) HNF1beta in Nephrogenesis and in Tubular Planar Cell Polarisation
15’ E. Fischer, F. Verdeguer, J. Barra, M. Pontoglio
Pasteur Institute/CNRS, Developmental Biology, Paris, France

09.15 – 10.45 SYMPOSIUM Blue Hall
New Aspects of Renal Development
Chairmen: R. Salomon – W. Schnaper

10 (SY) Mesenchymal-to-epithelial Conversion in Early Kidney Development
15’ K. Schmidt-Ott
Max-Delbrueck Center for Molecular Medicine, Berlin, Germany

11 (SY) Revisiting Urinary Tract Formation
15’ E. Batourina¹, R. Viana¹, S. Lambert¹, S. Tsai¹, P. Sprenkle¹, F. Wang¹, T. Hensle¹, A. Glassberg¹, C. Mendelsohn²
¹New York University, Medical Center, Department of Urology, New York, United States
²Columbia University, Department of Urology and Pathology, New York, United States

12 (SY) Can Bone Marrow Derived Stem Cells Differentiate in the Renal Tubule?
15’ B. Bi, L. Cantley
Yale University, Department of Medicine, New Haven, United States

13 (SY) Disordered Urinary Tract Development: New Clinical Insights
15’ R. Salomon¹, S. Weber², E. Wühl², F. S. Schäfer², C. Antignac¹
¹Inserm 574, Hôpital Necker-Enfants Malades, Paris, France
²Division of Pediatric Nephrology, University Hospital for Pediatric and Adolescent Medicine, Heidelberg, Germany

09.15 – 10.45 SYMPOSIUM Podium Hall
Cell Biology of Nephrolithiasis
Chairmen: O. Moe – C. Langman

14 (SY) From Enzyme Crystals to Calcium Oxalate Crystals: the Molecular Cell Biology of Primary Hyperoxaluria Type 1
15’ C. Danpure
University College London, Biology, London, United Kingdom

15 (SY) Cell Biology of the CIC-5 Chloride Transporter in Nephrolithiasis (Dent’s Disease)
15’ J. Jentsch, A. Zdebik, J. Fuhrmann
FMP/MDC (Leibniz-Institut für Molekulare Pharmakologie), Berlin, Germany
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10.45 – 11.15</td>
<td>Coffee Break</td>
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<td>11.15 – 13.00</td>
<td>FREE COMMUNICATIONS</td>
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<td>Concert Hall</td>
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<td><strong>Hypertension</strong></td>
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<td><strong>Chairmen: K. Tory – A. Zurowska</strong></td>
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<tr>
<td>18 (MR)</td>
<td>Cardiovascular Dysfunction in Children on Renal Replacement Therapy</td>
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<td>20'</td>
<td>K. Tory, É. Kis, A. Szabó, G. S. Reusz</td>
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<td>Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary</td>
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<td>19 (FC)</td>
<td>The Role of Renal Sympathetic Nerves in Prenatal Programming of Hypertension by Dexamethasone</td>
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<td>8'</td>
<td>A. Dagan(^1), M. Baum(^1,2)</td>
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<td>1University of Texas, Southwestern Medical Center at Dallas, Department of Pediatrics, Dallas, United States</td>
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<td>2University of Texas, Southwestern Medical Center at Dallas, Department of Internal Medicine, Dallas, United States</td>
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<td>20 (FC)</td>
<td>Surgical Treatment for Renovascular Hypertension in Children</td>
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<td>8'</td>
<td>M. Stadermann(^1), R. Lord(^2), G. Hamilton(^3), D. Roebuck(^5), C. McLaren(^3), M. Dillon(^1), S. Marks(^1), K. Tullus(^1)</td>
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<td>1Great Ormond Street Hospital for Children NHS Trust, Department of Nephrology, London, United Kingdom</td>
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<td>2Royal Free Hospital, Department of Surgery, London, United Kingdom</td>
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<td>3Great Ormond Street Hospital for Children NHS Trust, Department of Radiology, London, United Kingdom</td>
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<td>21 (FC)</td>
<td>Etiology of Pediatric Hypertension in 2007</td>
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<td>8'</td>
<td>H. Wong(^1), S. Khan(^1), G. Bolton(^1), J. Lougheed(^2), P. Geier(^1), J. Feber(^1)</td>
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<td>1Children's Hospital of Eastern Ontario, Division of Pediatric Nephrology, Ottawa, Canada</td>
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<td>2Children's Hospital of Eastern Ontario, Division of Cardiology, Ottawa, Canada</td>
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22 (FC)  Ambulatory Blood Pressure Monitoring (ABPM) in the Management of Hypertension after Renal Transplantation (TX): a Prospective Study
M. Sinha 1, C. Booth 1, J. Simpson 1, N. Dalton 1, S. Qureshi 2, C. Reid 1, S. Rigden 1
1Evelina Childrens Hospital, Guys and St. Thomas’s NHS Foundation Trust, Department of Pediatric Nephrology, London, United Kingdom
2Evelina Childrens Hospital, Guys and St. Thomas’s NHS Foundation Trust, Department of Pediatrics Cardiology, London, United Kingdom
3King’s College London, Department of Medicine, London, United Kingdom

23 (FC)  Expression of Adipocytokines in Human Adipose Tissue by Erythropoiesis Stimulating Factor (ESF)
K. Möller 1, D. Bieschke 2, B. Schwarzloh 2, M. Friedrich 1, P. Algenstaedt 2, DE. Müller-Wiefel 1
1University Childrens Hospital, Pediatric Nephrology, Hamburg, Germany
2University Hospital, Department of Internal Medicine, Hamburg, Germany
3University Hospital, Department of Urology, Hamburg, Germany

11.15 – 13.00 FREE COMMUNICATIONS  Theater Hall
General Nephrology 1.
Chairmen: C. Baylis – W. Rascher

24 (MR)  Nitric Oxide Deficiency in CKD
C. Baylis
University of Florida, Physiology, Gainesville, United States

25 (FC)  Patients Referred to Pediatric Nephrology are Overweight
G. Filler 1, M. Reimo 2, C. Ooi 1, A. Kathiravelu 2, A. Drukker 3
1Schulich School of Medicine and Dentistry, Department of Pediatrics, London, ON, Canada
2Children’s Hospital of Eastern Ontario, Department of Pediatrics, Ottawa, ON, Canada
3Shaare Zedek Medical Centre, Department of Pediatrics, Jerusalem, Israel

26 (FC)  B Cell Depletion Therapy with Rituximab in Children with Refractory Systemic Lupus Erythematous
A. Podolskaya 1, S. Stadermann 1, C. Pilkington 2, S. Marks 1, K. Tullus 1
1Great Ormond Street Hospital for Children NHS Trust, Department of Pediatric Nephrology, London, United Kingdom
2Great Ormond Street Hospital for Children NHS Trust, Department of Pediatric Rheumatology, London, United Kingdom

27 (FC)  Outcome of Severe Henoch-Schönlein Purpura Nephritis Treated with Longterm Immunosuppression
M. Shenoy, M. Bradbury, L. Lewis, N. Webb
Royal Manchester Children’s Hospital, Department of Nephrology, Manchester, United Kingdom
28 (FC) Randomized Controlled Trial of Mycophenolate Mofetil (MMF) Versus Cyclosporine A (CsA) in Children with Frequently Relapsing Nephrotic Syndrome
8' E. Dorresteijn1, J. Kist-van Holthe2, E. Levchenko1, J. Nauta1, W. Hop3, A. Van der Heijden1
1Erasmus Medical Center, Sophia Children's Hospital, Pediatric Nephrology, Rotterdam, the Netherlands
2Leiden University Medical Center, Pediatric Nephrology, Leiden, the Netherlands
3Radboud University Medical Center, Pediatric Nephrology, Nijmegen, the Netherlands
4Erasmus Medical Center, Epidemiology and Biostatistics, Rotterdam, the Netherlands

29 (FC) Re-evaluation of Glomerular Charge Selective Protein-Sieving Function
8' S. Saito1, S. Takahashi1, T. Tuchiya1, M. Nagata2, K. Yan3, Y. Kondo4, T. Matsuyama5, T. Sekine6, T. Igarashi6
1Nihon University School of Medicine, Department of Pediatrics, Tokyo, Japan
2University of Tsukuba, Department of Pathology, Tokyo, Japan
3Kyorin University School of Medicine, Departments of Pediatrics, Tokyo, Japan
4Tohoku University, Department of Pediatrics, Sendai, Japan
5Tokyo Metropolitan Kiyose Children's Hospital, Department of Pediatrics, Tokyo, Japan
6The University of Tokyo, Department of Pediatrics, Tokyo, Japan

11.15 – 13.00 FREE COMMUNICATIONS
Blue Hall
Genetics
Chairmen: H. Liapis – A. Fekete

30 (MR) Phenotype-genotype Correlations in Monogenetic Glomerular Diseases
20' H. Liapis
Washington University St. Louis, Pathology and Immunology, Saint Louis, United States

31 (FC) NPHS2 Polymorphisms Predict Clinical Outcome in South-East Asian Chinese Children with Steroid-resistant Nephrotic Syndrome (SRNS)
8' I. Liu1, SY. Tay1, JL. Ng1, LK. Tan1, CK. Heng1, KH. Ng1,2, WS. Yeo2, HK. Yap1,2
1National University of Singapore, Pediatrics, Singapore, Singapore
2The Children's Medical Institute, National University Hospital, Shaw-NKF Children's Kidney Centre, Singapore, Singapore

32 (FC) Mutations in SIX2 and BMP4 are Associated with Abnormal Kidney Development in Humans and Zebrafish: Results of the ESCAPE Study Group
8' M. Tabatabaeifar1, A. Zurowska1, A. Caldas-Alfonso2, R. Grenda1, S. Emre2, G. Ghiggeri2, A. Bakkaloglu2, R. Burdine3, F. S. Schäfer1, S. Weber1
1University Children's Hospital, Pediatric Nephrology, Heidelberg, Germany
2ESCAPE Study Group, Heidelberg, Germany
3Princeton University, Department of Molecular Biology, Princeton, United States
33 (FC) Apoptosis in Autosomal Recessive (AR) and Autosomal Dominant (AD) Polycystic Kidney Disease (PKD) is Triggered by an Extrinsic Factor

B. Goilav1, L. Satlin1, P. Wilson2
1Mount Sinai School of Medicine, Department of Pediatrics, Division of Nephrology, New York, United States
2Mount Sinai School of Medicine, Department of Medicine, Division of Nephrology and Hypertension, New York, United States

34 (FC) The IL6 (-174G/C) Polymorphism is Associated with Initial Peritoneal Transport Status in Children Commencing Chronic PD

D. Borzych1, R. Buescher1, M. Szczepanska3, D. Drozdz4, E. Stefaniak1, A. Zurowska6, F. S. Schäfer1
1University Children's Hospital, Pediatric Nephrology, Heidelberg, Germany
2University Children's Hospital, Pediatric Nephrology, Essen, Germany
3Pediatric Hospital, Department of Pediatric Nephrology, Zabrze, Poland
4University Children's Hospital, Pediatric Nephrology, Kraków, Poland
5University Hospital, Department of Pediatric Nephrology, Poznañ, Poland
6University Children's Hospital, Pediatric Nephrology, Gdansk, Poland

35 (FC) Renal Manifestations in Children with Fabry Disease: Data from FOS – the Fabry Outcome Survey

G. Pintos-Morell1, A. Rodríguez-Palmero1, U. Ramaswami2, R. Parini3, G. Kalkum4, M. Beck4
1University Hospital Germans Trias i Pujol, Pediatric Nephrology and Metabolism, Badalona, Spain
2Addenbrooke's Hospital, Department of Pediatrics, Cambridge, United Kingdom
3University of Milan, Department of Pediatrics, Monza, Italy
4University of Mainz, Department of Pediatrics, Mainz, Germany

11.15 – 13.00 FREE COMMUNICATIONS Podium Hall

Inherited Renal Disease, Congenital Abnormalities and Perinatal Nephrology
Chairmen: B. Fivush – T. Igarashi

36 (MR) Dent Disease

T. Igarashi
Pediatrics, Graduate School of Medicine, the University of Tokyo, Tokyo, Japan

37 (FC) Postnatal Nutrition Influences Renal Damage after Intrauterine Growth Restriction

C. Plank1, I. Östreicher1, K. Dittrich1, K. Amann2, W. Rascher1, J. Dötsch1
1University Erlangen-Nuremberg, Department of Pediatrics, Erlangen, Germany
2University Erlangen-Nuremberg, Department of Pathology, Erlangen, Germany

38 (FC) Unilateral Renal Agenesis (URA): How Intensively do we Need to Investigate and Follow-up?

S. Rhodes, A. R. Watson
Nottingham University Hospitals, Children and Young People’s Kidney Unit, Nottingham, United Kingdom
39 (FC)  Autosomal Dominant PDK (ADPKD) in Childhood
J. Crocker, P. Wornell, P. Acott
IWK Health Centre/Dalhousie University, Division of Nephrology, Halifax, Canada

40 (FC)  Two Decades of Infant Dialysis: the Miami Experience
R. Hijazi, C. Abitbol, J. Chandar, W. Seeherunvong, M. Freundlich, G. Zilleruelo
University of Miami, Pediatric Nephrology, Miami, United States

41 (FC)  Renal Involvement in Joubert Syndrome
G. Stringini1, E. Valente2, E. Bertini1, G. Barrano2, S. Signorini1, S. D’Arrigo4, L. Giordano3, G. Ghiggeri6, F. Brancati2, F. Emma1
1Bambino Gesu Children’s Hospital and Research Institute, Department of Nephrology and Urology, Rome, Italy
2Mendel Institute, Rome, Italy
3C. Mondino Foundation, University of Pavia, Department of Child Neurology and Psychiatry, Pavia, Italy
4National Neurologic Institute C. Besta, Operative Unit of Developmental Neurology, Milan, Italy
5Azienda Spedali Civili, Brescia, Italy
6Gaslini Institute, Laboratory on Pathophysiology of Uremia, Genova, Italy

42 (FC)  Short- and Longterm Outcomes of Primary Obstructive Megaureter
C. Hadtstein1, L. Masioniene1, 3, S. Lippke1, N. Djakovic2, B. Tönshoff1, F. S. Schäfer1
1University Children’s Hospital, Division of Pediatric Nephrology, Heidelberg, Germany
2University Hospital, Division of Pediatric Nephrology, Heidelberg, Germany
3Viktoriastift, Rehabilitationsklinik für Kinder und Jugendliche, Bad Kreuznach, Germany

13.00 – 14.30 Lunch Break

13.20 – 14.20 ESCAPE LUNCH SYMPOSIUM
Theater Hall
Chairmen: F. S. Schäfer – G. S. Reusz

Challenges in Management of Pediatric Hypertension. Review of Clinical Evidence
T. Wells, United States

RAS Blockade in Children with CKD: Escape from Progression or Progression by Escape?
F. S. Schäfer, Germany

General Discussion

Sponsored by Escape Network
14.30 – 15.15  STATE OF THE ART LECTURE
Chairman: R. Fine

Concert Hall

43 (SA)  Sodium – Is it a Uremic Toxin?
E. Ritz
Department Internal Medicine, Division Nephrology, Heidelberg, Germany
(Sponsored by ISN)

15.15 – 15.30  Break

15.30 – 17.00  SYMPOSIUM
Fetal Programming of Hypertension and Renal Disease
Chairmen: J. Ingelfinger – M. Vehaskari

Concert Hall

44 (SY)  Paths of Growth that Lead to Hypertension
15’
D. Barker
Oregon Health Sciences University, Department of Medicine, Portland, Oregon, United States

45 (SY)  Normal and Abnormal Nephrogenesis in the Context of Developmental Origins
15’
N. Rosenblum
Department of Pediatrics, University of Toronto and Division of Nephrology and Program in Developmental and Stem Cell Biology, the Hospital for Sick Children, Toronto, Canada

46 (SY)  Mechanism of Prenatally Programmed Hypertension
15’
V. Vehaskari
Louisiana State University, Department of Pediatrics, New Orleans, United States

47 (SY)  Renal Responses to Developmental Origins of Health and Disease [DOHaD]
15’
J. Ingelfinger
MassGeneral Hospital for Children at MGH, Pediatrics and Pediatric Nephrology, Boston, United States

15.30 – 17.00  SYMPOSIUM
Translating Mechanisms to Therapies (with Emphasis on Studies)
Chairmen: O. Mehls – B. A. Warady

Theater Hall

48 (SY)  Randomized Study on the Effect of ACE Inhibition in Young Patients with IgA Nephropathy and Mild Proteinuria
15’
L. Peruzzi, R. Camilla, A. Amore, R. Coppo
Regina Margherita University Children's Hospital, Nephrology, Dialysis and Transplant Department, Torino, Italy
49 (SY)  What can we Learn from the US Observational CKD Childhood Study?
15’
S. Furth1, A. Munoz1, R. Mak2, S. Cole2, C. Wong1, F. Kaskel1, G. Schwartz2, B. A. Warady1

1Johns Hopkins Medical Institutions, Pediatrics and Pediatric Nephrology, Baltimore, Maryland, United States
2CKiD Study Group, Baltimore, Maryland, United States

50 (SY)  Long-term Effects of ACE Inhibition in Children with CKD (ESCAPE trial)
15’
E. Wühl
University Hospital for Pediatric and Adolescent Medicine, Pediatric Nephrology, Heidelberg, Germany

51 (SY)  Evidence Based Guidelines for Treatment of Peritonitis: Results from the International Pediatric Peritonitis Registry
15’
F. S. Schäfer
University Hospital for Pediatric and Adolescent Medicine, Division of Pediatric Nephrology, Heidelberg, Germany

15.30 – 17.00 SYMPOSIUM Blue Hall

Congenital Urinary Tract Obstruction and Tissue Repair
Chairmen: R. L. Chevalier – I. Ichikawa

52 (SY)  Surgical or Medical Intervention for Congenital Urinary Tract Obstruction: New Directions
15’
R. Chevalier
University of Virginia, Pediatrics, Charlottesville, Virginia, United States

53 (SY)  Are Cakut Deseases or Traits?
15’
I. Ichikawa, JC. Pope
Vanderbilt University School of Medicine, United States
Tokai University, School of Medicine, Boseidai, Japan

54 (SY)  Generation of Oxidized Lipoproteins in Obstructive Nephropathy – Atherogenic or Fibrogenic?
15’
D. Okamura
Children’s Hospital and Regional Medical Center, Division of Pediatric Nephrology, Seattle, United States

55 (SY)  Endogenous Renal Repair following Reversal of Ureteral Obstruction
15’
S. Ricardo1, A. Cochrane1, L. Wang1, E. Verghese1, M. Kett1, M. Little1, J. Deane1

1Monash University, Monash Immunology and Stem Cell Laboratories, Melbourne, Australia
2University of Queensland, Institute for Molecular Bioscience, Brisbane, Australia
15.30 – 17.00 SYMPOSIUM Podium Hall

*Maturational Changes in Tubular Transport*

*Chairmen: M. Konrad – L. Satlin*

56 (SY)  Physiology and Pathophysiology of Aquaporins and Aquaglyceroporins
15’  
S. Nielsen
*The Water and Salt Research Center Institute of Anatomy, Aarhus, Denmark*

57 (SY)  Mechanoregulation of K Transport in the Distal Nephron
15’  
L. Satlin
*Mount Sinai School of Medicine, Division of Pediatric Nephrology, Department of Pediatrics, New York, NY, United States*

58 (SY)  Molecular Genetics of Hereditary Magnesium Losing Disorders
15’  
M. Konrad
*University of Muenster, Department of Pediatric Nephrology, Muenster, Germany*

59 (SY)  Functional Consequences of dRTA Mutations
15’  
F. Karet
*University of Cambridge, Cambridge Institute for Medical Research, Cambridge, United Kingdom*

17.00 – 17.15 Coffee Break

17.15 – 18.00 STATE OF THE ART LECTURE Concert Hall

*Chairman: E. Levchenko*

60 (SA)  Tubular and Inner Ear Cell Transport: Common Pathways, (Un)Common Diseases?
15’  
F. Karet
*University of Cambridge, Cambridge Institute for Medical Research, Cambridge, United Kingdom*

18.00 – 19.00 Wine and Cheese Tasting

19.00 – 20.30 Concert of the Budapest Philharmonic Orchestra in the Concert Hall
Sunday, 2 September, 2007

07.30 – 08.10 EARLY MORNING SESSION/CME Concert Hall
Evaluation of the Child with Stones
B. Hoppe¹, M. M. López², E. Kis³
¹Universität Köln, Klinik und Poliklinik für Allgemeine Kinderheilkunde, Köln, Germany
²Hospital de Ninos JM de los Ríos, Department of Nephrology, Caracas, Venezuela
³Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary

07.30 – 08.10 EARLY MORNING SESSION/CME Theater Hall
Lupus Nephritis
D. Gipson¹, H. K. Yap²
¹University of North Carolina Division of Nephrology, Chapel Hill, United States
²National University of Singapore, Pediatrics, Singapore, Singapore

07.30 – 08.10 EARLY MORNING SESSION/CME Blue Hall
Overview of Principles of Dialysis
M. Fischbach¹, A. R. Watson²
¹Pediatrie, CHU Hautepierre, Strasbourg, France
²Children and Young People’s Kidney Unit, Notthingham University Hospitals, Nottingham, United Kingdom

08.10 – 08.20 Break

08.20 – 09.05 STATE OF THE ART LECTURE Concert Hall
Chairman: J. Radó

61 (SA) Update on Genetic Renal Disorders Associated with Hypomagnesemia
N. Knoers
Department of Human Genetics, Radboud University, Nijmegen Medical Centre, Nijmegen, the Netherlands

09.05 – 09.15 Housekeeping Remarks and Technical Break

09.15 – 10.20 ORAL POSTER SESSION Concert Hall
Hypertension; Genetics
Chairmen: D. Hahn – C. Antignac

62 (OP) Some Cardiovascular Risk Factors and the Metabolic Syndrome in Children and Young Adults with Essential Hypertension
N. Marcun Varda, A. Gregoric
Maribor Teaching Hospital, Department of Pediatrics, Maribor, Slovenia
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<tr>
<td>63 (OP)</td>
<td>Inherited Renal Tubular Dysgenesis (RTD): the First Patients Surviving the Neonatal Period</td>
<td>TJ. Neuhaus(^1), A. Zingg-Schenk(^1), J. Bacchetta(^2), P. Corvol(^1), T. Stallmach(^3), P. Cochat(^2), O. Gribouval(^3), MC. Gubler(^3)</td>
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<td>Université Children's Hospital, Nephrology, Zurich, Switzerland</td>
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<td>Université Hospital, Pathology, Zurich, Switzerland</td>
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<td>INSERM U574, Hôpital Necker Enfants Malades, Paris, France</td>
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<td>64 (OP)</td>
<td>Higher Serum Uric Acid may Contribute to Essential Hypertension and Endothelial Dysfunction in the Youth</td>
<td>M. Mraz(^1), D. Potocekova(^2), P. Olexa(^3), P. Spurny(^3), L. Podracka(^1)</td>
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<td>Safarik University, 1st Department of Pediatrics, Kosice, Slovakia</td>
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<td>Safarik University, Department of Biostatistics, Kosice, Slovakia</td>
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<td>Department of Cardiovascular Diseases, Division of Cardiology, Kosice, Slovakia</td>
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<td>65 (OP)</td>
<td>Fibromuscular Dysplasia in Children: Natural History of a Systemic Disease</td>
<td>F. Bandin, J. Baruteau, F. Bouissou, S. Decramer</td>
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<td>Pediatric Hospital, Division of Nephrology, Toulouse, France</td>
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<td>66 (OP)</td>
<td>Therapy of Obesity Related Hypertension in Childhood: the Effects of ACE Inhibitor, Ramipril</td>
<td>CS. Bereczki, J. Kiss, Á. Baráth, I. Földes, S. Túri</td>
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<td>University of Szeged, Department of Pediatrics, Szeged, Hungary</td>
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<td>67 (OP)</td>
<td>X-inactivation Patterns could not Explain all Diverse Phenotypes in X-linked Alport Syndrome Females</td>
<td>HW. Zhang, J. Ding, F. Wang, YF. Wang</td>
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<td>Peking University First Hospital, Department of Pediatric Nephrology, Beijing, People's Republic of China</td>
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<td>68 (OP)</td>
<td>WT1 Mutation and Podocyte Molecular Expression in a Chinese Frasier Syndrome Patient</td>
<td>D. Zhao, JG. Li, J. Ding, HJ. Xiao</td>
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<td>Peking University First Hospital, Department of Pediatrics, Beijing, People's Republic of China</td>
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<td>69 (OP)</td>
<td>Genetic and Clinical Analyses of Patients with Dent Disease</td>
<td>T. Sekine(^1), F. Komoda(^1), M. Shimazu(^2), T. Igarashi(^1)</td>
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<td>The University of Tokyo, Department of Pediatrics, Tokyo, Japan</td>
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<td>Mitsubishi Kagaku BCL, Department of Genetics, Tokyo, Japan</td>
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<td>70 (OP)</td>
<td>Clinical Features and Spectrum of Mutations in the OCRL1 Gene in North Indian Children with Lowe Syndrome</td>
<td>A. Gulati(^1), S. Sethi(^1), J. Lunardi(^1), M. Kabra(^1), N. Gupta(^1), P. Hari(^1), A. Bagga(^1)</td>
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<td>All India Institute of Medical Sciences, 1st Department of Pediatrics, New Delhi, India</td>
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<td>Hôpital de La Tronche, Genetics, Grenoble cedex, France, France</td>
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71 (OP) Genetic Background of Children with Nephronophthisis and Joubert Syndrome
K. Tory1, T. Lacoste1, L. Burglen2, V. Moriniere1, N. Bodaert1, M. Macher4, B. Llanas5, C. Antignac1, R. Salomon1, S. Saunier1
1Université René Descartes, Inserm U574 Hôpital Necker-Enfants Malades, Paris, France
2Hôpital Trousseau, Department of Genetics, Paris, France
3Hôpital Necker-Enfants Malades, Department of Radiology, Paris, France
4Hôpital Robert Debré, Department of Pediatric Nephrology, Paris, France
5Hôpital Pellegrin, Department of Pediatrics, Bordeaux, France

72 (OP) Array-CGH Investigations in Patients with Unclear Syndromic Nephropathies
Identifies a Microdeletion in Xq22.3-q23 in a Female Patient with Alport Syndrome, Mental Retardation and Focal Epilepsy
S. Kabisch1, A. Hoischen2, C. Landwehr2, B. Radlwimmer3, P. Lichter1, M. Wigger1, R. Weber2, D. Haffner1
1University Hospital, Children's Hospital, Germany
2Department of Human Genetics, Rheinische Friedrich-Wilhelms-University, Bonn, Germany
3University, German Cancer Research Center, Heidelberg, Germany

73 (OP) Carotid Artery Intima-media Thickness (IMT), Ambulatory Blood Pressure Measurement (ABPM) and Renal Damage in Thalassemia Major (TM)
A. Duzova1, S. Unal2, B. Ergen3, B. Kuskonmaz2, F. Gumruk2, A. Bakkaloglu1
1Hacettepe University, Faculty of Medicine, Department of Pediatric Nephrology, Ankara, Turkey
2Hacettepe University, Faculty of Medicine, Department of Pediatric Hematology, Ankara, Turkey
3Hacettepe University, Faculty of Medicine, Department of Radiology, Ankara, Turkey

74 (OP) Characteristics of a Pediatric Hypertension Outpatient Clinic in South Brazil
L. Sylvestre1, E. Santos1, P. Granzotto2, E. Siqueira2, L. Moreira2, L. Rispoli2, N. Mendes2, R. Meneses1
1Hospital Pequeno Principe, Pediatric Nephrology, Curitiba, Brazil
2Centro Universitario Positivo Unicenp, Curitiba, Brazil

09.15 – 10.20 ORAL POSTER SESSION Theater Hall
Inherited Renal Disease; Developmental Nephrology
Chairmen: I. Zelikovic – U. Alon

75 (OP) Leptin Induces Hypertrophy of Metanephric Mesenchymal Cells via Mitogen Activated Protein Kinases
M. Hida1, H. Fujita1, S. Omori1, M. Nagata1, M. Awazu1
1Keio University School of Medicine, Department of Pediatrics, Tokyo, Japan
2University of Tsukuba, Department of Pathology, Ibaraki, Japan

76 (OP) Intrauterine Growth Retardation and Reduced Nephron Number: Role of Apoptosis
J. Chen, H. Xu, W. Guo, Q. Shen
Children's Hospital of Fudan University, Department of Nephrology, Shanghai, People's Republic of China
77 (OP)  **Risk Factors of Urinary Tract Infection in Children with Antenatal Hydronephrosis**

G. Coelho¹, M. Bouzada¹, A. Pereira², B. Lima¹, M. Leite¹, B. Figueiredo¹, D. Oliveira¹, A. Amaro¹, A. Chaves¹, E. Oliveira¹

¹Federal University of Minas Gerais, Department of Pediatrics, Belo Horizonte, Brazil
²Federal University of Minas Gerais, Department of Gynecology and Obstetrics, Belo Horizonte, Brazil

78 (OP)  **Predictive Factors of Ultrasonographic Resolution of Isolated Antenatal Hydronephrosis: a Multivariate Analysis**

C. Camargos¹, G. Coelho¹, M. Bouzada¹, A. Pereira², C. Castro¹, D. Oliveira¹, A. Amaro¹, M. Leite¹, B. Figueiredo¹, E. Oliveira¹

¹Federal University of Minas Gerais, Department of Pediatrics, Belo Horizonte, Brazil
²Federal University of Minas Gerais, Department of Gynecology and Obstetrics, Belo Horizonte, Brazil

79 (OP)  **Clinical Features and Pathology in Children with Antineutrophil Cytoplasmic Autoantibody-positive Glomerulonephritis**

G. Yan

Guangzhou Children’s Hospital, Department of Nephrology, Guangzhou, People’s Republic of China

80 (OP)  **Renal Function Maturation during the First Month of Life in very Low Birth Weight (VLBW) Infants Treated with Ibuprofen (IBU) for Patent Ductus Arteriosus (PDA)**

R. Vieux¹, D. Merdariu¹, R. Desandes¹, H. Legagneur², R. Giniger³, D. Semama⁴, MC. Buchweiller¹, JM. Hascoet¹

¹Maternite Regionale Universitaire, Department of Neonatology, Nancy, France
²Maternite Regionale Universitaire, Department of Biochemistry, Nancy, France
³La Conception Hospital, Department of Neonatology, Marseille, France
⁴CHU Le Bocage, Department of Neonatology, Dijon, France

81 (OP)  **Renal Outcome of Extreme Prematurity in Children Aged 7-18 Years Old**

J. Rouillard Lafond, MP. Morin, C. Girardin

Centre Hospitalier Universitaire de Sherbrooke, Département de Pédiatrie, Sherbrooke, Canada

82 (OP)  **Conditional Mutagenesis of Fgf8 Function in the Embryonic Kidney Reveals Essential Role in Specification of the Nephron**

F. Naillat, T. Jokela, S. Vainio

University of Oulu, Department of Biochemistry and Molecular Biology, Oulu, Finland

83 (OP)  **High Incidence of Hyperoxaluria in Generalized Peroxisomal Disorders**

C. Van Woerden¹, B. Poll-The¹, F. Wijburg¹, M. Duran¹, R. Wanders¹,², P. Barth¹, J. Groothoff¹

¹Academic Medical Center, Pediatrics, Amsterdam, the Netherlands
²Academic Medical Center, Clinical Biochemistry, Amsterdam, the Netherlands
84 (OP) Menkes Disease and Urinary Tract Malformations
J. Hoefele, H. Prießmann, R. Ensenauer, S. Berweck, S. Gallati, M. Benz, J. Glöckner-Pagel, L. Weber
1Dr. von Haunersches Kinderspital, Department of Pediatrics, Munich, Germany
2Inselspital, Department of Pediatrics, Berne, Switzerland

85 (OP) Metabolic Studies in Hepatocytes of AGT-deficient Mice: a Model for Primary Hyperoxaluria Type 1
C. Van Woerden, J. Ruiter, F. Wijburg, M. Duran, R. Wanders, J. Groothoff, E. Salido
1Academic Medical Center, Pediatrics, Amsterdam, the Netherlands
2Universidad La Laguna, Unidad Investigacion, La Laguna, Tenerife, Spain

86 (OP) GCM1 is Expressed in Human Proximal Tubules while in Mice its Inactivation is Associated with Abnormalities of the Cortico-medullary Ultrastructure
S. Grisaru, C. Geary-Joo, F. Snider, J. Cross
1University of Calgary, Department of Pediatrics, Calgary, Canada
2University of Calgary, Department of Biochemistry and Molecular Biology, Calgary, Canada

09.15 – 10.20 ORAL POSTER SESSION Blue Hall
General Nephrology 1-2.
Chairmen: L. Rosivall – C. Jones

87 (OP) Good Renal Outcome with Combined Mycophenolate (MMF) Based Immunosuppressive Protocol in Children with Lupus Nephritis
YW. Lau, EE. Aragon, G. Chiang, PH. Tan, CM. Quek, KH. Ng, HK. Yap
1National University of Singapore, Pediatrics, Singapore, Singapore
2The Children's Medical Institute, National University Hospital, Shaw-NKF Children's Kidney Centre, Singapore, Singapore
3Singapore General Hospital, Pathology, Singapore, Singapore

88 (OP) The Role of RGC-32 in TGF-β1-induced Epithelial-Mesenchymal Transition on Human Renal Proximal Tubular Cells
Wy. Huang, H. Xu, Sy. Chen, Pa. Jose
1Children's Hospital of Fudan University, Department of Nephrology, Shanghai, People's Republic of China
2Georgetown University Medical Center, Department of Pediatric Nephrology, Washington DC, United States

89 (OP) Low Birth Weight and Obesity Predispose to Kidney Disease in Childhood
C. Abitbol, M. Rodriguez, J. Chandar, M. Berho, G. Zilleruelo
1University of Miami, Pediatric Nephrology, Miami, United States
2University of Miami, Pathology, Miami, United States

90 (OP) IgA Nephropathy in Children: Long Term Outcome and Prognostic Factors
G. Vergine, F. Emma
Bambino Gesu Children's Hospital and Research Institute, Department of Nephrology and Urology, Rome, Italy
91 (OP)  Reliability of Different Expert Systems for Profiling Proteinuria in Children with Kidney Diseases
3'
J. Ehrich, J. Drube, M. Suslovych, L. Pavicic, A. Lun
1Medical School Hannover, Department of Pediatric Nephrology, Hannover, Germany
2University Zagreb, Department of Pediatric Nephrology, Zagreb, Republic of Croatia
3Humboldt University, Charite, Central Institute of Laboratory Medicine and Pathobiochemistry, Berlin, Germany

92 (OP)  Effect of Corticosteroid Medication on LMW Markers of GFR
3'
C. Laarman, K. Braam, A. Kors, J. Van Wijk, A. Bouman, B. Stoffel-Wagner, A. Bokenkamp
1VU Medical Center, Pediatrics, Amsterdam, the Netherlands
2VU Medical Center, Pediatric Nephrology, Amsterdam, the Netherlands
3VU Medical Center, Clinical Biochemistry, Amsterdam, the Netherlands
4Bonn University, Clinical Biochemistry, Bonn, Germany

93 (OP)  Is Early Hyperfiltration Predictive of Diabetic Nephropathy?
3'
U. Berg, B. Thalme
Division of Pediatrics, Karolinska University Hospital Huddinge, Stockholm, Sweden

94 (OP)  HIV Associated Nephropathy in the HAART Era: a Single Center Experience
3'
G. Zilleruelo, A. Chaparro, L. Abitbol, C. Mitcheli
1University of Miami, Pediatric Nephrology, Miami, United States
2University of Miami, Pediatric Infectious Diseases, Miami, United States

95 (OP)  Treatment of Childhood Lupus Nephritis (LN) with Mycophenolate Mofetil (MMF): Clinical and Histopathological Study
3'
M. Caropreso, F. Nuzzi, G. Malgieri, L. Marzano, M. D’Armiento, M. Balletta, R. Indaco, C. Pecoraro
1Santobono Hospital, Department of Nephro-Urology, Naples, Italy
2University, Department of Pathology, Naples, Italy
3University, Department of Nephrology, Naples, Italy

96 (OP)  Long Term Persistent Remission of Childhood Steroid Dependent (SD) and Cyclosporine a Dependent (CSAD) Nephrotic Syndrome (NS) after Two Years Treatment with Mycophenolate Mofetil (MMF)
3'
C. Pecoraro, M. Caropreso, F. Nuzzi, G. Malgieri, A. Ferretti, M. D’Armiento, M. Balletta, A. Fella
1Santobono Hospital, Department of Nephro-Urology, Naples, Italy
2University, Department of Pathology, Naples, Italy
3University, Department of Nephrology, Naples, Italy
97 (OP)  Long-term Renal Outcome in Pediatric Patients Nephrectomized for Unilateral Wilms’ Tumor

S. Testa1, G. Ardissino1, M. Terenziani2, F. Spreafico2, S. Catania2, F. Fossati Bellani2
1Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Pediatric Nephrology and Dialysis, Milan, Italy
2Istituto Nazionale dei Tumori, Department of Pediatric Oncology, Milan, Italy

98 (OP)  Comorbidity between Nocturnal Polyuria and Overactive Bladder Characteristics in Patients with Therapy Resistant Enuresis, NMNE and MNE

University Hospital Gent, Pediatric Uro-Nephrologic Center, Gent, Belgium

99 (OP)  Furosemide in the Morning may Increase dDAVP-response in the Evening in Therapy Resistant MNE

A. Deguchtenaere, A. Raes, J. Dehoorne, R. Mauel, E. Vanlaecke, P. Hoebeke, J. Vande Walle
University Hospital Gent, Pediatric Uro-Nephrologic Center, Gent, Belgium

09.15 – 10.20 ORAL POSTER SESSION Podium Hall

Acute and Chronic Renal Failure 1-2.

Chairmen: K. Jureidini – C. M. Taylor

100 (OP)  Age Dependent Changes of Arterial Stiffness. Normal Values and the Effect of Uremia

O. Cseprekál1, Zs. Horváth1, G. Katona1, É. Kis1, D. Pászka1, A. Szabó2, E. Hrapka1, A. Szabó1, A. Fekete1, G. S. Reusz1
1Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary
2Szentagothai J. Knowledge Center, Budapest, Hungary

101 (OP)  Neutrophil Gelatinase-associated Lipocalin (NGAL) as a Marker for Sepsis Related Renal Impairment in Very Low Birth Weight Infants

M. O’Rourke1, E. Parravicini2, J. Lorenz2, D. Bateman2, S. Nemerofsky2, N. Barasch1, N. Paragras1, J. Barasch1
1Columbia University, Division of Nephrology, New York, United States
2Columbia University, Department of Neonatology, New York, United States

102 (OP)  Cortinarius Poisoning: a Rare Cause of Acute Renal Failure

D. Talmud1, A. Wynckel2, S. Saad3, B. Roussel1, J. Motte1, C. Pietrement1
1CHU Reims, Pediatric, Reims, France
2CHU Reims, Nephrology, Reims, France
3CHU Reims, Pediatric Intensive Care Unit, Reims, France

103 (OP)  Discrepancy between Total and Ionized Serum Calcium Levels in Children on Chronic Dialysis Treatment

L. Mendels, A. Bouts, JC. Davin, J. Groothoff
Emma Children’s Hospital/Academic Medical Center, Pediatric Nephrology, Amsterdam, the Netherlands
104 (OP) Biomarkers of Oxidative Stress and Antioxidative Defense in Children with Chronic Renal Failure
N. Rink, B. Finckh, K. Möller, M. Kemper, A. Kohlschütter, D. Müller-Wiefel
1University of Hamburg, Pediatric Nephrology, Hamburg, Germany
2University of Hamburg, Pediatrics and Metabolic Diseases, Hamburg, Germany

105 (OP) Significant Acute Renal Failure due to Non-Steroidal Anti-inflammatory Drugs: Inpatient Setting
M. Dixit, T. Mateo, N. Dixit
Florida Children's Hospital, Florida Children's Kidney Center, Orlando, United States

106 (OP) Growth Hormone – Induced Gene Modulation in Growth Plate of Uremic Rats. A cDNA Microarrays Study
H. Gil, J. Lozano, E. Carbajo, E. García, O. Alvarez, J. Rodriguez, F. Santos
1Hospital Universitario de Asturias, Oviedo, Spain
2Universidad de Oviedo, Oviedo, Spain
3Hospital Alvarez Buylla, Mieres, Spain
4Center for Genomic Regulation, Barcelona, Spain

107 (OP) Endothelial Progenitor Cell Numbers are Decreased in Children on Long-term Hemodialysis
M. Goossens, P. Westerweel, B. Prakken, M. Verhaar, M. Lilien
1Wilhelmina Children's Hospital, Department of Pediatric Nephrology, Utrecht, the Netherlands
2University Medical Center Utrecht, Department of Vascular Medicine, Utrecht, the Netherlands
3Wilhelmina Children's Hospital, Department of Pediatric Immunology, Utrecht, the Netherlands

108 (OP) Use of Darbepoetin Alfa (Aranesp) in Pediatric Kidney Disease
S. McTaggart, S. Alexander, J. Craig, P. Henning, E. Hodson, C. Jones, F. Jureidini, D. Lewis, H. Powell, J. Burke
1Royal Children's and Mater Children's Hospitals, Child and Adolescent Renal Service, Brisbane, Australia
2Children's Hospital at Westmead, Department of Nephrology, Sydney, Australia
3Women's and Children's Hospital, Department of Nephrology, Adelaide, Australia
4Royal Children's Hospital, Department of Nephrology, Melbourne, Australia

109 (OP) Mismatch between Left Ventricular Mass and Loading Conditions in Children with Chronic Renal Failure
F. Raimondi, M. Chinali, M. Benincasa, S. Picca, L. Pasquini, F. Emma, G. De Simone, MC. Matteucci
1Bambino Gesu Children's Hospital and Research Institute, Department of Nephrology and Urology, Rome, Italy
2Federico 2nd University Hospital, Department of Clinical and Experimental Medicine, Naples, Italy
3Bambino Gesu Children's Hospital and Research Institute, Department of Cardiology, Rome, Italy
110 (OP)  Etiology and Clinical Features of Acute Renal Failure in Turkey
3’
A. Duzova1, A. Bakkaloglu1, H. Poyrazoglu2, M. Kalyoncu3, A. Delibas4
1Hacettepe University, Faculty of Medicine, Department of Pediatric Nephrology, Ankara, Turkey
2Erciyes University School of Medicine, Department of Pediatric Nephrology, Kayseri, Turkey
3Karadeniz Technical University, Faculty of Medicine, Department of Pediatric Nephrology, Trabzon, Turkey
4Mersin University, Faculty of Medicine, Department of Pediatric Nephrology, Mersin, Turkey

111 (OP)  Calpain is a Mediator of Shiga Toxin-induced Renal Tubular Cell Death: Protective Role of Akt
3’
M. Chen, G. Celsi
Karolinska University Hospital, Pediatric Nephrology Unit, Stockholm, Sweden

112 (OP)  Hemolytic Uremic Syndrome and Verocytotoxin (VT)-producing E. Coli (VTEC) Infection in Italy
3’
C. Pecoraro
Registry of Hemolytic Uremic Syndrome of the Italian Society of Pediatric Nephrology, Naples, Italy

10.20 – 11.15 POSTER VIEWING
62(OP)–74(OP), 304(P)–387(P)  Hypertension; Genetics
75(OP)–86(OP), 388(P)–432(P)  Inherited Renal Disease;
Developmental Nephrology
87(OP)–99(OP), 433(P)–558(P)  General Nephrology 1-2.
100(OP)–112(OP), 559(P)–600(P)  Acute and Chronic Renal Failure 1-2.

10.20 – 11.15 Coffee Break

11.15 – 13.00 FREE COMMUNICATIONS
Glomerular Disease, Immunology of Renal Disease
Chairmen: E. Lagomarsino – P. Niaudet

113 (MR)  Update in the Management of Glomerular Diseases in Children
20’
P. Niaudet
Hôpital Necker-Enfants Malades, Nephrologie Pediatrique, Paris, France

114 (FC)  Steroid Resistant Nephrotic Syndrome in South African Children: the Influence of Race on Cyclophosphamide Sensitivity
8’
R. Bhimma, M. Adhikari, K. Asharam
University of KwaZulu-Natal, Maternal and Child Health, Durban, South Africa

115 (FC)  Treatment of Referactory Steroid Sensitive Nephrotic Syndrome (SSNS) with Rituximab (RTX)
8’
M.J. Kemper, C. Moeller, N. Rink, M. Van Husen, DE. Mueller-Wiefel
University of Hamburg, Pediatric Nephrology, Hamburg, Germany
116 (FC) Induction of Pro-survival Genes in Podocytes by Calcimimetic R-568
8'
J. Oh¹, V. Hetten¹, J. Mueller¹, M. Hoemme¹, ML. Gross², F. S. Schäfer¹, CP. Schmitt¹
¹University Children’s Hospital, Department of Pediatric Nephrology, Heidelberg, Germany
²University of Heidelberg, Department of Pathology, Heidelberg, Germany

117 (FC) Plasma Therapy in Atypical Hemolytic Uremic Syndrome: Lessons from a Family with a Factor H Mutation
8'
J-C. Davin¹, J. Groothoff¹, A. Bouts¹, S. Florquin¹, J. Weening², T. Goodship³
¹Emma Children’s Hospital/Academic Medical Center, Department of Pediatric Nephrology, Amsterdam, the Netherlands
²Academic Medical Center, Department of Pediatric Nephrology, Amsterdam, the Netherlands
³Institute of Human Genetics, Department of Nephrology, New Castle upon Tyne, United Kingdom

118 (FC) In Vivo Degradation of Heparan Sulfates in the Glomerular Basement Membrane does not Result in Proteinuria
8'
T. Wijnhoven¹, J. Lensen¹, A. Rops¹, J. Vlag¹, J. Berden¹, T. Kuppevelt¹, L. Van Den Heuvel³
¹Radboud University Medical Centre, Department of Matrix Biochemistry and Nephrology, Nijmegen Centre for Molecular Life Sciences, Nijmegen, the Netherlands
²Radboud University Medical Centre, Department of Nephrology, Nijmegen, the Netherlands
³Radboud University Medical Centre, Department of Pediatric Nephrology, Nijmegen, the Netherlands

11.15 – 13.00 FREE COMMUNICATIONS
Theater Hall
Transplantation 1.
Chairmen: G. Filler – J. Ding

119 (MR) Does Ontogeny of Drug Disposition Matter?
20'
G. Filler², J. Bendrick-Peart¹, U. Christians¹
¹Anesthesiology, University of Colorado Health Science Center, Colorado, United States
²Pediatrics, University of Western Ontario, Ontario, Canada

120 (FC) Long-term (3 years) Pharmacokinetics (PK) of Mycophenolic Acid (MPA) in Pediatric Renal Transplant Recipients
8'
L. Weber¹, B. Hoecker¹, V. Armstrong³, M. Oellerich³, B. Toenshoff³
¹University Children’s Hospital, Department of General Pediatrics, Heidelberg, Germany
²University Children’s Hospital, Department of General Pediatrics, Munich, Germany
³University Hospital, Department of Clinical Chemistry, Goettingen, Germany

121 (FC) Multicentre Randomized Prospective Trial of Tacrolimus, Azathioprine and Prednisolone with or without Basiliximab; Two Year Follow-up Data
8'
N. Webb¹, S. Prokurat¹, K. Vondrak³, A. R. Watson⁴, D. Hughes³, C. Hamer¹, S. Rhodes⁶
¹Royal Manchester Children’s Hospital, Department of Pediatric Nephrology, Manchester, United Kingdom
²Children’s Memorial Health Institute, Department of Pediatric Nephrology, Warsaw, Poland
³University Hospital Motol, Pediatric Clinic, Prague, Czech Republic
⁴Nottingham City Hospital, Children and Young People’s Kidney Unit, Nottingham, United Kingdom
⁵Royal Hospital For Sick Children, Department of Pediatric Nephrology, Glasgow, United Kingdom
⁶Penne Acute Hospitals NHS Trust, Research and Development Department, Manchester, United Kingdom
122 (FC) Calcineurin-inhibitor Free Immunosuppression with Mycophenolate Mofetil and Steroids in Pediatric Renal Transplantation Improves Renal Allograft Function without Increasing Acute Rejection
L. Krischock1, A. Gullett2, D. Bockenhauer1, L. Rees1, R. Trompeter1, S. Marks1
1Great Ormond Street Hospital for Children NHS Trust, Department of Nephrology and Urology, London, United Kingdom
2Institute of Child Health, Department of Nephrology and Urology, London, United Kingdom

123 (FC) Loss of Senescence Mediator p16INK4a Leads to Superior Renal Function and Kidney Graft Survival
H. Braun1, M. Raiss1, S. Wang1, L. Zhu1, D. Mircea-Constantin1, J. Westhoff1, H. Groene2, M. Serrano3, P. Halloran3, A. Melk4
1University of Heidelberg, Pediatric Nephrology, Heidelberg, Germany
2DKFZ, Molecular and Cellular Pathology, Heidelberg, Germany
3University of Alberta, Nephrology and Transplant Immunology, Edmonton, Canada
4CNIO, Madrid, Spain

124 (FC) Long-lasting Improvement of Renal Function in Pediatric Heart Transplant Recipients Treated with Low-dose Calcineurin Inhibitor and Mycophenolate Mofetil
O. Boyer1, F. Iserin2, M. Déchaux1, MC. Gubler3, R. Salomon1, 3, P. Niaudet1
1Hôpital Necker-Enfants Malades, Pediatric Nephrology Department, Paris, France
2Hôpital Necker-Enfants Malades, Pediatric Cardiology, Paris, France
3Inserm U574 Hôpital Necker-Enfants Malades Université René Descartes, Paris, France

11.15 – 13.00 FREE COMMUNICATIONS Blue Hall

Bone Disease, Growth and Development
Chairmen: B. Stapleton – A. Szabó

125 (MR) Hypercalciuria and Bone Disease
B. Stapleton
Children’s Hospital and Regional Medical Center, Seattle, United States

126 (FC) Alendronate in Thiazide-resistant Idiopathic Hypercalciuria with Reduced Bone Mineral Density
M. Freundlich1, U. Alon2
1University of Miami, Pediatric Nephrology, Miami, United States
2Children’s Mercy Hospital and Clinics, Pediatric Nephrology, Kansas City, United States

127 (FC) Vitamin D, Inflammation and Vascular Calcification in Children on Dialysis
R. Shroff1, M. Egerton1, M. Bridel2, V. Shah3, M. Hiorns1, A. Donald4, E. Ellins4, J. Deanfield4, L. Rees1
1Great Ormond Street Hospital for Children NHS Trust, Pediatric Nephrology, London, United Kingdom
2West Park Hospital, Chemical Pathology, Epsom, United Kingdom
3Great Ormond Street Hospital for Children NHS Trust, Department of Radiology, London, United Kingdom
4Institute of Child Health, Vascular Physiology Unit, London, United Kingdom
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**Developmental Nephrology**

*Chairmen: C. Antignac – S. Watkins*

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**Developmental Nephrology**

*Chairmen: C. Antignac – S. Watkins*

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**Developmental Nephrology**

*Chairmen: C. Antignac – S. Watkins*
A Comparative Proteomic Study of Nephrogenesis in Intrauterine Growth Restriction
Q. Shen, H. Xu, J. Chen, Zb. Xu, Xl. Zha
Children’s Hospital of Fudan University, Department of Nephrology, Shanghai, People’s Republic of China

Clinical Spectrum and Natural History of TCF2/Hepatocyte Nuclear Factor-1 Beta Anomalies Associated Disease in Children
F. Bandin1, 2, B. Llanas2, V. Guigonis2, D. Morin2, F. Bouissou1, 2, Ch. Azema1, 2, S. Decramer1, 2
1Pediatric Hospital, Department of Pediatric Nephrology, Toulouse, France
2Centre de Référence des Maladies Rénales Rares du Sud-Ouest, Department of Pediatric Nephrology, Toulouse-Bordeaux-Limoges-Montpellier, France

General Assemblies of the Regional Societies
European Society (ESPN) Concert Hall
American Society (ASPN) Theater Hall
African Society (AFPNA) Blue Hall
Asian Society (AsPNA) Auditorium Hall
Australian and New Zealand Society (ANZPNA) Podium Hall
Chinese Society (CSPN) Stair Hall
Latin-American Society (ALENEPE) VIP Room

Lunch Break

SYMPOSIUM Concert Hall
Cardiovascular Consequences of Chronic Kidney Disease
Chairmen: S. Túri – U. Querfeld

Different Pathomechanisms of Juvenile Essential Hypertension and Blood Pressure Levels in Hungarian Adolescents
S. Túri
University of Szeged, Department of Pediatrics, Szeged, Hungary

The Heart in Pediatric ESRD
M. Mitsnefes
Cincinnati Children’s Hospital Medical Center, Department of Pediatrics, Cincinnati, United States

The Heart in Pediatric Nephrotic Syndrome
Y. Frishberg
Shaare Zedek Medical Center, Pediatric Nephrology, Jerusalem, Israel

Chronic Kidney Disease and Systemic Cardiovascular Disease
U. Querfeld
Humboldt University, Charite, Department of Pediatrics Nephrology, Berlin, Germany
14.30 – 16.00 SYMPOSIUM  
**Theater Hall**
*Genetic Renal Disease 2: Lipid Rafts – Floating from Bench to Bedside, Structure and Function of the Slit Diaphragm*
*Chairmen: J. Goebel – T. Benzing*

141 (SY)  
**What Every Pediatric Nephrologist should Know about Lipid Rafts**  
15’  
J. Goebel  
*Cincinnati Children’s Hospital Medical Center, Nephrology and Hypertension, Cincinnati, United States*

142 (SY)  
**TRPC6 as a Cause for Familial FSGS – New Paradigm?**  
15’  
M. Winn  
*Duke University Medical Center, Division of Nephrology, Center for Human Genetics, Durham, United States*

143 (SY)  
**Identification of a Mechanosensory Protein-lipid Supercomplex at the Slit Diaphragm**  
15’  
T. Huber  
*University Hospital, Department of Nephrology, Freiburg, Germany*

14.30 – 16.00 SYMPOSIUM  
**Blue Hall**
*Renal Bone Disease, New Phosphaturic Substances in Bone and Mineral Metabolism, Use of Biphosphonates in Pediatrics*
*Chairmen: F. Santos – I. Salusky*

144 (SY)  
**Disorders of Phosphate Metabolism. Role of Phosphatonin**s  
15’  
A. Portale  
*University California San Francisco, Pediatric Renal Division, San Francisco, United States*

145 (SY)  
**Bone Imaging in Childhood Renal Disease**  
15’  
M. Leonard  
*Children’s Hospital of Philadelphia, Philadelphia, United States*

146 (SY)  
**Impact of Different Phosphate Binders on the Control of Secondary Hyperparathyroidism**  
15’  
I. Salusky  
*UCLA Medical Center, Los Angeles, United States*

147 (SY)  
**Is there a Role for Bisphosphonates in Pediatric Bone Disease?**  
15’  
F. Santos  
*Hospital Universitario Central de Asturias, Universidad de Oviedo, Pediatria, Oviedo, Spain*
14.30 – 16.00 SYMPOSIUM

Podium Hall

Perinatal Changes in Body Fluid Compartments
Chairmen: J-P. Guignard – E. Sulyok

148 (SY)

Renal and Placental Control of Fetal Water Metabolism
15’
J-P. Guignard
Lausanne University Medical School, Lausanne, Switzerland

149 (SY)

Body Composition of the Preterm Infant: Relation to Postnatal Adaptation
15’
N. Modi
Imperial College London, Department of Neonatology, London, United Kingdom

150 (SY)

Renal Aquaporins in Water Balance Regulation
15’
S. Nielsen
The Water and Salt Research Center Institute of Anatomy, Aarhus, Denmark

151 (SY)

Perinatal Changes in Physical Water Compartments
15’
E. Sulyok
University of Pécs, Faculty of Health Sciences, Pécs, Hungary

16.00 – 16.30 Coffee Break

16.30 – 17.15 STATE OF THE ART LECTURE

Concert Hall

Chairman: F. Eke

152 (SA)

The Human Genome Project: Implications for the Genetic Basis of Disease and Therapeutics
15’
L. Guay-Woodford
Departments of Medicine, Pediatrics and Genetics, University of Alabama at Birmingham, Birmingham, United States

19.00 – 21.00 Optional Social Programme: Evening Danube Cruise and Party

Not included in the registration fee
**Monday, 3 September, 2007**

**07.30 – 08.10 EARLY MORNING SESSION/CME**

**Concert Hall**

**Management of the Child with HUS**

JC. Davin¹, H. A. Repetto²

¹Emma Children’s Hospital/Academic Medical Center, Department of Pediatric Nephrology, Amsterdam, the Netherlands
²Hospital A Posadas, Buenos Aires, Argentina

**07.30 – 08.10 EARLY MORNING SESSION/CME**

**Theater Hall**

**Nocturnal Enuresis**

L. Kovács¹, L. Szabó²

¹Department of Pediatrics University Children’s Hospital Bratislava
²Postgraduate Medical School, 2nd Department of Pediatrics, Miskolc, Hungary

**07.30 – 08.10 EARLY MORNING SESSION/CME**

**Blue Hall**

**Practical Principles of Immunosuppression**

N. Webb¹, B. Tönshoff²

¹Royal Manchester Children’s Hospital, Department of Pediatric Nephrology, Manchester, United Kingdom
²University Children’s Hospital, 1st Department of Pediatrics, Heidelberg, Germany

**08.10 – 08.20 Break**

**08.20 – 09.05 STATE OF THE ART LECTURE**

**Concert Hall**

Chairman: R. Topaloglu

153 (SA) **Podocyte Biology and Glomerular Disease**
T. Benzing
University of Cologne, Department of Internal Medicine, Cologne, Germany

**09.05 – 09.15 Housekeeping Remarks and Technical Break**

**09.15 – 10.20 ORAL POSTER SESSION**

**Concert Hall**

*Urinary Tract Infection; Renal Replacement Therapy*

Chairmen: R. Beetz – B. Boudailleiz

154 (OP) **Predictors of the Presence of Renal Scarring in Children with Urinary Tract Infections Associated with Primary Vesicoureteral Reflux**

A. Soylu¹, B. Kasap¹, M. Sayg¹, M. Turkmen¹, S. Kavukcu¹

¹Dokuz Eylul University Medical Faculty, Pediatric Nephrology, Izmir, Turkey

155 (OP) **Improving Ultrafiltration in Pediatric Hemodialysis (HD)**

D. Hothi¹, E. Harvey¹, C. Goia¹, D. Geary¹

¹Hospital for Sick Children, Department of Pediatric Nephrology, Toronto, Canada

²Hospital for Sick Children, Educational, Toronto, Canada
156 (OP) Heat Shock Protein 72 (HSPA1B) Gene Polymorphism and Toll-Like Receptor (TLR) 4 Mutation are Associated with Increased Risk of Urinary Tract Infection in Children
E. Károly1, NF. Bánki2, B. Szebeni3, AJ. Szabó2, T. Tulassay2, G. S. Reusz2, A. Fekete2
1Hetényi County Hospital, Pediatric, Szolnok, Hungary
2Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary
3Semmelweis University, Research Group for Pediatrics and Nephrology of the Hungarian Academy of Sciences and of the Semmelweis University, Budapest, Hungary
4Szentágothai J. Knowledge Center, 1st Department of Pediatrics, Budapest, Hungary

C. Dheu, S. Menouer, J. Terzic, L. Seuge, M. Fischbach
Hôpital de Hautepierre, Nephrologie Pediatrique, Strasbourg, France

158 (OP) Renal Scarring is Independent of E. Coli Virulence Pattern in Acute Pyelonephritis in Children
M. Prere1, N. Mozar1, P. Cochat2, M. Lavocat2, J. André2, M. Fischbach2, C. Azéma2, F. Bouissou2
1CHU Purpan, Bacteriology, Toulouse, France
2Hôpital des Enfants, Nephrologie Pediatrique, Toulouse, France

159 (OP) Analysis of Virulence Factors and Genotypes of Escherichia Coli Strains from Pediatric Patients with Acute Lobar Nephronia
CH. Cheng1, YK. Tsau2, LH. Su3, CL. Lin4, TY. Lin5
1Chang Gung Children’s Hospital, Chang Gung Memorial Hospital, Department of Pediatric Nephrology, Taoyuan, Taiwan
2National Taiwan University Hospital, Department of Pediatric Nephrology, Taipei, Taiwan
3Chang Gung Memorial Hospital, Department of Clinical Pathology, Taoyuan, Taiwan
4Chia-Yi Christian Hospital, Department of Pediatrics, Chia-Yi, Taiwan
5Chang Gung Children’s Hospital, Chang Gung Memorial Hospital, Department of Pediatrics, Taoyuan, Taiwan

160 (OP) Chronic Dialysis and Transplantation for Children and Adolescents in Asian Countries
M. Chiu, K. Tse, W. Lai, S. Lau, Asian Pediatric Nephrology Group
Princess Margaret Hospital, Pediatric Nephrology Center, Department of Pediatrics and Adolescent Medicine, Hong Kong, People’s Republic of China

161 (OP) Markers of Atherogenesis in Children with Chronic Kidney Disease (CKD) on Automated Peritoneal Dialysis (APD) and Hemodialysis (HD)
K. Musial, D. Zwolinska, I. Makulska, A. Galar, U. Berny, M. Miler
Wroclaw Medical University, Department of Pediatric Nephrology, Wroclaw, Poland

162 (OP) Reversibility of Increased Aortic Stiffness after Renal Transplantation in Children
F. Lorton1, B. Levy1, M. Safar1, A. Bensman1, T. Ulinski1
1Hôpital Trousseau, Université Paris VI, Pediatric Nephrology, Paris, France
2Hôpital Lariboisiere, Explorations Fonctionelles, Paris, France
3Hôpital Hôtel Dieu, Cardiologie, Paris, France
163 (OP)  Roles of Bacterial Virulence and Host Factors in Childhood Escherichia Coli Febrile Urinary Tract Infection and Scar Sequelae
YY. Chiou¹, CC. Tseng¹
¹National Cheng-Kung University Medical Center, Division of Pediatric Nephrology, Tainan, Taiwan

164 (OP)  First Experience with a Temperature Constant Acute Peritoneal Dialysis Set for Infants and the Use of a Mixture of a Glucose-based Solution with an Amino Acid Solution
O. Amon¹, M. Hermann², A. Bosk²
¹University Children's Hospital, Division of Pediatric Nephrology, Stuttgart, Germany
²University Children's Hospital, Department of Pediatric Cardiology, Stuttgart, Germany

165 (OP)  Decreased IgG Antibody Avidity against Varicella-zoster-virus as a Cause for Infection in Vaccinated Pediatric Transplant Recipients
T. Jungraithmayr¹, M. Prelog¹, R. Würzner², K. Steiner², T. Müller¹, L. Zimmerhackl¹
¹Innsbruck Medical University, Department of Pediatrics, Innsbruck, Austria
²Innsbruck Medical University, Microbiology and Social Medicine, Department of Hygiene, Innsbruck, Austria

09.15 – 10.20 ORAL POSTER SESSION Theater Hall

Transplantation
Chairmen: R. Trompeter – C. Stefanidis

166 (OP)  The Impact of Death or Divorce of Parents on the Choice of Renal Transplantation in Children with End-stage Renal Failure (ESRD)
S. Hoshii, Y. Araki
Nishi-Sapporo National Hospital, Department of Pediatric Nephrology, Sapporo, Japan

167 (OP)  Gastrointestinal Evaluation in Pediatric Renal Transplantation Candidates
M. Khazaei¹, M. Imanieh², Gh. Hashemi Al-Hosseini³
¹Mashad Azad University, 22 Bahman Hospital, Pediatrics, Mashad, Iran
²Shiraz University of Medical Sciences, Pediatric Gastroenterology, Shiraz, Iran
³Shiraz University of Medical Sciences, Pediatric Nephrology, Shiraz, Iran

168 (OP)  The D-allele of the ACE Gene I/D Polymorphism from Donors and Recipients is Associated with a Faster Loss of Renal Function in Children following Renal Transplantation
R. Büscher, D. Nagel, A. Wingen, P. Hoyer
University of Duisburg-Essen, Pediatric Nephrology, Essen, Germany

169 (OP)  Recurrent Nephrotic Syndrome in Pediatric Renal Transplant Recipients: a 12 Year Large Single-center Review
B. Warshaw, L. Hymes, L. Greenbaum, S. Amaral
Emory University, Department of Pediatrics, Atlanta, United States
170 (OP) Kidney Transplantation in Children <3 Years of Age: a Single Centre Experience
F. Garaix1, J. Harambat1, B. Ranchin1, L. Badet2, B. Dubreuil1, X. Martin2, P. Cochat1
1Hôpital Edouard Herriot and Université Lyon, 1st Department of Pediatrics, Lyon, France
2Hôpital Edouard Herriot and Université Lyon, 1st Transplantation, Lyon, France

171 (OP) Post-transplant De Novo Malignancies in Pediatric Renal Transplant Recipients: Conversion to Sirolimus Immunosuppression
C. Garcia1, V. Bittencourt, D. Malheiro, A. Tumelero, J. Antonello, A. Oliveira, V. Garcia
Complexo Hospitalar Santa Casa – Hospital da Criança Santo Antonio – Fundação Faculdade Federal Ciencias Médicas de Porto Alegre, Department of Pediatric Nephrology, Porto Alegre, Brazil

172 (OP) Extraperitoneal Transplantation. A Safe Approach with a Low Surgical Complication Rate for Transplanting Children under 21 kg: a Single Centre Study
A. Al Midani1, G. Koffman2, J. Taylor1, S. Marks1, R. Lord2
1Royal Free Hospital, Transplantation, London, United Kingdom
2Great Ormond Street Hospital for Children NHS Trust, Transplantation, London, United Kingdom

173 (OP) Proteinuria in Children after Renal Transplantation
T. Seeman1,2, E. Simkova1, J. Kreisinger1, K. Vondrak1, J. Dusek1, P. Dvorak1, J. Janda1
1University Hospital Motol, Department of Pediatrics, Prague, Czech Republic
2University Hospital Motol, Transplantation, Prague, Czech Republic

174 (OP) Are Polymorphisms of MCP-1, IL 6 and Fas Genes a Risk Factors for Acute Renal Allograft Rejection in Children?
E. Yilmaz1, A. Berdeli, S. Mir, O. Yavascan, F. Mutlubas, C. Kabasakal
Ege University, Faculty of Medicine, Pediatric Nephrology, Izmir, Turkey

175 (OP) Recurrence of Focal-segmental Glomerulosclerosis in Children after Renal Transplantation: Treatment with Plasmapheresis
C. Garcia1, A. Tumelero1, V. Bittencourt1, J. Antonello1, D. Malheiro1, V. Garcia2
1Complexo Hospitalar Santa Casa – Hospital da Criança Santo Antonio – Fundação Faculdade Federal Ciencias Médicas de Porto Alegre, Pediatric Nephrology, Porto Alegre, Brazil
2Complexo Hospitalar Santa Casa, Transplantation, Porto Alegre, Brazil

176 (OP) Quantification of NFAT-regulated Gene Expression in Pediatric Renal Transplant Recipients: a Novel Approach for Pharmacodynamic Monitoring of Calcineurin Inhibitors
H. Billing1, T. Giese1, S. Rieger1, R. Feneberg1, S. Meuer1, B. Toenshoff1
1University Children's Hospital, Department of Pediatric Nephrology, Heidelberg, Germany
2University of Heidelberg, Immunology, Heidelberg, Germany
177 (OP)  Recurrence of HUS Related to Factor H Antibodies after Kidney Transplantation
3'
S. Testa1, F. Paglialonga1, S. Griffini2, M. Cugno2, L. Ghio1, N. Borsa1, P. Castorina4, S. Tedeschi1, F. Lalatta1, G. Ardissino1
1 Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Pediatric Nephrology and Dialysis, Milan, Italy
2 Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Department of Internal Medicine, Milan, Italy
3 Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Department of Molecular Biology, Milan, Italy
4 Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Department of Genetics, Milan, Italy

09.15 – 10.20 ORAL POSTER SESSION
Blue Hall
Glomerular Disease; Immunology of Renal Disease
Chairmen: S. Andreoli – B. Kaplan

178 (OP)  Role of Nitric Oxide Produced by T and B Cells in Idiopathic Nephrotic Syndrome
3'
A. Iharada, M. Hasui, Y. Imai, S. Tsuji, Y. Isozaki, K. Kaneko
Kansai Medical University, Department of Pediatrics, Osaka, Japan

179 (OP)  Novel Therapy for Patients with Steroid Resistant Nephrotic Syndrome (SRNS)
3'
A. Bagga, A. Sinha, S. Menon, P. Hari
All India Institute of Medical Sciences, Department of Pediatrics, New Delhi, India

180 (OP)  Predicting Renal Prognosis from Glomerular Expression of Monocyte Chemoattractant Protein-1 in Juvenile Lupus Nephritis
3'
S. Marks1, S. Williams2, K. Tullus1, N. Sebire3
1 Great Ormond Street Hospital for Children NHS Trust, Department of Pediatric Nephrology, London, United Kingdom
2 Great Ormond Street Hospital for Children NHS Trust, Department of Pediatric Pathology, London, United Kingdom

181 (OP)  Deficiency of FHR-1/FHR-3 Causes Atypical Hemolytic Uremic Syndrome
3'
A. Waters1, M. Al Maghrabi1, D. Geary1, P. Zipfel2, Ch. Licht1
1 Hospital for Sick Children, Department of Pediatric Nephrology, Toulouse, Canada
2 Leibniz Institute, Department for Natural Products Research and Infection Biology, Jena, Germany

182 (OP)  Randomized Controlled Trial (RCT) on Efficacy and Safety of Cyclosporin (CyA). Vs. Tacrolimus (Tac) in Steroid Resistant Nephrotic Syndrome (SRNS) [CRG030600042]
3'
S. Choudhry, A. Bagga, S. Menon, P. Hari
All India Institute of Medical Sciences, Department of Pediatrics, New Delhi, India
183 (OP)  Long Term Prognosis of Severe Childhood IgA Nephropathy after Combined Therapy
K. Kamei1, K. Iijima1, S. Hattori2, M. Honda3, K. Nakanishi4, N. Yoshikawa4
1National Center for Child Health and Development, Department of Nephrology, Tokyo, Japan
2Kumamoto University, Department of Pediatrics, Kumamoto, Japan
3Tokyo Metropolitan Hachioji Children’s Hospital, Tokyo, Japan
4Wakayama Medical University, Department of Pediatrics, Wakayama, Japan

184 (OP)  Efficacy of Zinc (Zn) in Reducing Relapses in Steroid Sensitive Nephrotic Syndrome (SSNS): Double Blind, Randomized Controlled Trial (RCT) (CRG030600044)
S. Arun, A. Bagga, S. Bhatnagar, P. Hari, S. Menon, S. Saini
All India Institute of Medical Sciences, 1st Department of Pediatrics, New Delhi, India

185 (OP)  The Protective Role of Cyclosporin A on Hypoglycosylated Nephrin Formation Induced by Hypoxia
A. Nakajo1, J. Khoshnoodi2, H. Takenaka3, Y. Sekine1, R. Kurayama1, N. Ito1, K. Tryggvason4, K. Yan1
1Kyorin University School of Medicine, Department of Pediatrics, Tokyo, Japan
2Vanderbilt University, Department of Medicine, Division of Nephrology and Hypertension, Nashville, Tennessee, United States
3Kyorin University School of Medicine, Department of Biochemistry, Tokyo, Japan
4Karolinska Institute, Department of Medical Biochemistry and Biophysics, Division of Matrix Biology, Stockholm, Sweden

186 (OP)  Combination Therapy with Mizoribine for Severe Childhood IgA Nephropathy: a Pilot Study
K. Nakanishi1, K. Ishikura2, H. Hataya2, M. Ikeda2, K. Iijima3, M. Honda2, N. Yoshikawa1
1Wakayama Medical University, Department of Pediatrics, Wakayama, Japan
2Tokyo Metropolitan Kiyose Children’s Hospital, Department of Pediatric Nephrology, Tokyo, Japan
3National Center for Child Health and Development, Department of Nephrology, Tokyo, Japan
4Tokyo Metropolitan Hachioji Children’s Hospital, Tokyo, Japan

187 (OP)  Accurately Diagnosing Alport Syndrome Based on the Findings of Stained Cultured Cells with Collagen Type 4 Alpha Chains Obtained from Voided Human Urine
N. Kumagai1, N. Sugawara1, E. Farajov2, M. Nishino1, T. Nishio1, T. Morimoto1, Y. Sado3, Y. Kondo2, S. Tsuchiya1
1Tohoku University, Department of Pediatrics, Sendai, Japan
2Tohoku University, Department of Medical Informatics, Sendai, Japan
3Shigei Medical Research Institute, Okayama, Japan

188 (OP)  Zeta Chain Expression in Peripheral Blood T Lymphocytes and NK Cells of Children with Idiopathic Nephrotic Syndrome (INS)
K. Musial1, D. Zwolinska1, L. Ciszak2, A. Kosmaczewskas2, A. Szteblich2, E. Pawlak2, I. Frydecka2
1Wrocław Medical University, Department of Pediatric Nephrology, Wrocław, Poland
2Polish Academy of Sciences, Institute of Immunology and Experimental Therapy, Wrocław, Poland
189 (OP) Role of sCD80 in the Proteinuria of Minimal Lesion Nephrotic Syndrome (MLNS)
3'
F. Garin, L. Diaz, C. Araya, W. Mu, R. Johnson
1University of Florida, Department of Pediatrics, Gainesville, United States
2University of Florida, Department of Medicine, Gainesville, United States

190 (OP) Phenotypical Relevance of the Y402H Mutation of Factor H in Children with Complement Based MPGN II/DDD and a HUS
3'
1The Hospital for Sick Children, Division of Nephrology, Toronto, Canada
2University of Cologne, Department of Ophthalmology, Cologne, Germany
3The Hospital for Sick Children, Division of Ophthalmology, Toronto, Canada
4University of Cologne, Department of Pediatrics, Cologne, Germany
5Leibniz Institute for Natural Products Research and Infection Biology, Jena, Germany

09.15 – 10.20 ORAL POSTER SESSION Podium Hall
Renal Physiology and Tubulointerstitial Disorders
Bone Disease, Growth and Development
Chairmen: A. Eddy – Y. Choi

191 (OP) A Possible Regulatory Role of Angiotensin-(1-7) Mas Receptor in Renal Structure and Function
3'
AC. Simoes e Silva, S. Pinheiro, A. Ferreira, J. Magalhaes, D. Augusto, R. Mota, R. Santos
1Federal University of Minas Gerais, Department of Pediatrics, Belo Horizonte, Brazil
2Federal University of Minas Gerais, Department of Pathology, Belo Horizonte, Brazil
3Federal University of Minas Gerais, Physiology, Belo Horizonte, Brazil

192 (OP) Significant Circadian Variation of Calciuria in Normal School Age Children
3'
K. Van Hoeck, A. Bael, D. Trouet, J. Van Gool
University Hospital Antwerpen, Department of Pediatrics, Antwerpen, Belgium

193 (OP) Pediatric Experience of Cinacalcet
3'
C. Dheu, A. Ruhlmann, AC. Michallat, J. Terzic, S. Menouer, M. Fischbach
1Hôpital de Hautepierre, Nephrologie Pediatrique, Strasbourg, France
2Hôpital de Hautepierre, Service de Pharmacie, Strasbourg, France

194 (OP) Graft Function and Metabolic Effects of Low Dose Steroid Therapy followed by Late Steroid Withdrawal in Renal Transplant Recipients
3'
J. Ferrans, T. Pasqualini, G. Alonso, S. Legal, P. Sorroche, A. Galich, H. Jasper
1Hospital Italiano, 1st Department of Pediatrics, Buenos Aires, Argentina
2Hospital Italiano, Department of Clinical Laboratory, Buenos Aires, Argentina
3Hospital Italiano, Department of Medicine, Buenos Aires, Argentina
4Hospital de Ninos R. Gutierrez, 1st Department of Pediatrics, Buenos Aires, Argentina
195 (OP)  Treatment with Recombinant Human Growth Hormone in Severely Growth Retarded Children with X-linked Hypophosphatemic Rickets Results in Catch-up Growth and Harmonization of Body Disproportion

M. Zivicnjak1, H. Staude1, D. Schnabel3, D. Haffner2
1Medical School Hannover, Department of Pediatric Nephrology, Hannover, Germany
2University Children's Hospital, Department of Pediatric Nephrology, Rostock, Germany
3University Children's Hospital, Pediatric Endocrinology, Berlin, Germany

196 (OP)  Glomerular and Tubular Function in Thalassemia Patients

R. Halevy1,2, V. Smolkin1,2, M. Minos3, I. Katzap1, C. Levin1,4, W. Sakran1,5, A. Koren1,4,5
1Ha'Emek Medical Center, Pediatric B, Afula, Israel
2Ha'Emek Medical Center, Pediatric Nephrology, Afula, Israel
3Ha'Emek Medical Center, Chemistry Laboratory, Afula, Israel
4Ha'Emek Medical Center, Pediatric Hematology Unit, Afula, Israel
5The Ruth and Baruch Rappaport School of Medicine, Haifa, Israel

197 (OP)  Bartter Syndrome Patients with Biallelic Mutations in the SLC12A1 and KCNJ1 Genes: Long-term Outcome

A. Bettinelli1, E. Puricelli2, MG. Bianchetti3, N. Borsa4, C. Mattiello4, ML. Syren5, S. Tedeschi4
1San Leopoldo Mandic Hospital, Department of Pediatrics, Merate (Lecco), Italy
2F. Del Ponte Hospital, University of Insubria, Varese, Department of Pediatrics, Varese, Italy
3San Giovanni Hospital, Department of Pediatrics, Bellinzona, Switzerland
4Fondazione IRCCS Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena, Laboratory of Medical Genetics, Milan, Italy
5University of Milan, Department of Pediatrics and Neonatology, Milan, Italy

198 (OP)  The Cytosolic C-Terminus of NHE3 does not Mediate its Apical Localization or Baseline Activity – Implications for Blood Pressure and PH Homeostasis

R. Alexander1,2, I. Peltekova1, A. Durkan1,2, S. Grinstein1
1Hospital for Sick Children, Department of Pediatrics, Toronto, Canada
2Hospital for Sick Children, Department of Cell Biology, Toronto, Canada

199 (OP)  Ibuprofen (IBU) Treatment for Patent Ductus Arteriosus (PDA) is Associated with Renal Function Impairment at One Week of Life in Very Low Birth Weight (VLBW) Infants

R. Vieux1, V. Valdes-Steinmann1, F. Haddad1, R. Giniger2, D. Semama3, J. Fresson4, JM. Hascoet1
1Maternite Regionale Universitaire, Department of Neonatology, Nancy, France
2La Conception Hospital, Department of Neonatology, Marseille, France
3CHU Le Bocage, Department of Neonatology, Dijon, France
4Maternite Regionale Universitaire, Department of Biostatistics, Nancy, France

200 (OP)  Antiresorptive Drugs in the Treatment of Metabolic Bone Diseases in Childhood

S. Kutilek
Centre for Clinical and Basic Research (CCBR), Bone Disease, Pardubice, Czech Republic
Mineralization Defects are Common in Pediatric Patients with Stage V CKD and do not Resolve with Current Therapies
K. Wesseling1, S. Bakkaloglu1, R. Pereira1, H. Jueppner2, I. Salusky1
1University of California, Pediatric Nephrology, Los Angeles, CA, United States
2Harvard Medical School, Pediatrics, Boston, United States

Urinary Clara Cell Protein as Index of Proximal Tubular Dysfunction in the Pediatric Age
A. Granado1, C. Vázquez1, M. Luis-Yanes2, M. López-Méndez2, M. Monge Zamorano2, F. Claverie-Martin2, V. García-Nieto2
1Hospital Universitario N. S. de Candelaria, Laboratorio Central, Santa Cruz de Tenerife, Spain
2Hospital Universitario N. S. de Candelaria, Unidad de Nefrologia Pediatrica, Santa Cruz de Tenerife, Spain

10.20 – 11.15 POSTER VIEWING

10.20 – 11.15 Coffee Break

11.15 – 13.00 FREE COMMUNICATIONS

Antibiotic Prophylaxis for the Prevention of Urinary Tract Infection in Children with Low Grade Vesicoureteral Reflux: Results from a Prospective Randomized Study
G. Roussey-Kesler1, V. Gadjos2, N. Idres3, B. Horen4, C. Guyot1
1Pediatric Hospital, General Pediatric Department, Nantes, France
2Beclere Hospital, General Pediatric Department, Clamart, France
3General Hospital, Pediatric Department, Saint Brieuc, France
4Pediatric Hospital, Nephrology Pediatric Department, Toulouse, France
205 (FC)  
**Antimicrobial Mechanisms of the Urinary Tract – the Role of Cathelicidin**

M. Chromek¹, Z. Slamová¹, P. Bergman², L. Kovács³, L. Podracka⁴, I. Ehrén⁵, R. Gallo⁶, G. Gundmundsson, B. Agerberth⁶, A. Brauner¹

¹Karolinska Institute, Department of Microbiology, Tumor and Cell Biology, Stockholm, Sweden  
²Karolinska Institute, Department of Medical Biochemistry and Biophysics, Stockholm, Sweden  
³Comenius University School of Medicine, Department of Pediatrics, Bratislava, Slovakia  
⁴Pavol Jozef Afárik University School of Medicine, Department of Pediatrics, Kosice, Slovakia  
⁵Karolinska University Hospital Solna, Department of Urology, Stockholm, Sweden  
⁶University of California, Division of Dermatology, San Diego, United States

206 (FC)  
**Procalcitonine and Renal Scarring in Acute Pyelonephritis: Predictive Value or Protective Role?**

F. Bouissou¹, H. Belhadj-Tahar²³, Y. Coulais³, R. Rumeau¹, E. Ouhayoun³

¹Hôpital des Enfants, Nephrologie Pédiatrique, Toulouse, France  
²Groupe Santé Recherche, Nephrologie Pédiatrique, Toulouse, France  
³CHU Purpan, Médecine Nucléaire, Toulouse, France

207 (FC)  
**Kidney Growth after Renal Scars Secondary to Acute Pyelonephritis in Children: a Longitudinal Study**

P. Parvex¹, JP. Willi², M. Kossovsky³, E. Girardin¹

¹Geneva Children’s Hospital, Pediatric Nephrology, Geneva, Switzerland  
²University Hospital, Department Nuclear Medicine, Geneva, Switzerland  
³University Hospital, Community Medicine, Geneva, Switzerland

208 (FC)  
**Compliance with Antibiotic Prophylaxis in Urinary Tract Infection in Children**

V. Smolkin¹², R. Halevy¹², W. Sakran¹⁴, Y. Kennes³, A. Koren¹⁴

¹Ha’Emek Medical Center, Pediatric B, Afula, Israel  
²Ha’Emek Medical Center, Pediatric Nephrology Unit, Afula, Israel  
³Ha’Emek Medical Center, Bacteriology and Microbiology Laboratory, Afula, Israel  
⁴The Ruth and Baruch Rappaport School of Medicine, Haifa, Israel

209 (FC)  
**Which Diagnostic Protocol in Young Children with their First Episode of Febrile Urinary Tract Infection? Data from the Iris 1 Study**

G. Montini¹, L. Tomasi¹, P. Zucchetta², E. Talenti¹, W. Rigamonti¹, A. Toffolo¹, L. Da Dalt¹, L. Rigon¹, G. Zacchello¹, I. Hewitt¹

¹Nephrology Dialysis and Transplant Unit, Pediatric Department, Padova, Italy  
²Nuclear Medicine, Pediatric Department, Padova, Italy  
³Radiology, Padova, Italy  
⁴Urology, Padova, Italy  
⁵Pediatrics, Oderzo (TV), Italy
11.15 – 13.00 FREE COMMUNICATIONS

Transplantation 2.
Chairmen: C. Garcia – A. Edelfonti

210 (MR)  20’
Latin-American Pediatric Renal Transplantation Registry
C. Garcia
Latin-American Association of Pediatric Nephrology, Pediatric Renal Transplantation Registry, Valencia, Venezuela

211 (FC)  8’
NPHS2 Mutations Associated with Lower Risk of Recurrence of Focal Segmental Glomerulosclerosis (FSGS) after Renal Transplantation. Results of the European Collaborative FSGS Transplantation Study (ECoFTS)
G. Cortina1, K. Hofer1, P. Cochat2, S. Fargue2, S. Weber3, B. Toenshoff4, LB. Zimmerhackl1, T. Jungraithmayr1
1Medical University Innsbruck, 1st Department of Pediatrics, Innsbruck, Austria
2Hôpital Herriot, 1st Department of Pediatrics, Lyon, France
3University of Heidelberg, 1st Department of Pediatrics, Heidelberg, Germany

212 (FC)  8’
Web-based Registry for Cytomegalovirus (CMV) Infection and Disease after Pediatric Renal Transplantation
R. Feneberg1, L. Weber2, M. Oellerich3, B. Toenshoff1
1University of Heidelberg, Division of Pediatric Nephrology, Heidelberg, Germany
2University Children’s Hospital, Division of Pediatric Nephrology, Munich, Germany
3University of Goettingen, Department of Clinical Chemistry, Goettingen, Germany

213 (FC)  8’
Prospective Epstein-Barr Virus (EBV) Surveillance in Renal Transplant Recipients Reduces Risks of Acute Rejection and Post Lymphoproliferative Disorders (PTLD)
A. Awan1, M. Waldron1, D. Gill1, I. Okafor1, M. O’Connell1, P. Holder2, Z. Yandle2, J. Connell2
1The Children’s University Hospital, Department of Pediatric Nephrology, Dublin, Ireland
2University College Dublin, Viral Reference Laboratory, Dublin, Ireland

214 (FC)  8’
Causes and Risk Factors for Early Graft Failure after Pediatric Renal Transplantation, a Dutch Nationwide Survey
E. Berg1, K. Cransberg2, A.H. Bouts1, E. Cornelissen4, M. Lilien1
1Wilhelmina Children’s Hospital, Department of Pediatric Nephrology, Utrecht, the Netherlands
2Sophia Children Hospital, Department of Pediatric Nephrology, Rotterdam, the Netherlands
3Emma Children’s Hospital/Academic Medical Center, Department of Pediatric Nephrology, Amsterdam, the Netherlands
4Radboud University Medical Centre, Department of Pediatric Nephrology, Nijmegen, the Netherlands
Administration of Interleukin-1 Receptor Antagonist (IL-1ra) Ameliorates Ischemia-reperfusion Injury of the Kidney


Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary
Technical University of Munich, 2nd Medical Department, Nephrology, Munich, Germany

11.15 – 13.00 FREE COMMUNICATIONS

Acute and Chronic Renal Failure

Chairmen: M. Moxey-Mims – R. Grenda

Acute Renal Failure

R. Grenda
Children’s Memorial Health Institute, Department of Nephrology and Kidney Transplantation, Warsaw, Poland

Renoprotective Effect of Trandolapril and Candesartan in Children with Renal Hypoplasia or Dysplasia

K. Satomura, Y. Santo
Osaka Medical Center for Maternal and Child Health, Pediatric Nephrology and Metabolism, Izumi, Japan

Dehydroepiandrosterone Pretreatment Improves Renal Na, K-ATPase Expression in Postischemic Rats

A. Fekete, A. Vannay, A. Ver, V. Muller, G. S. Reusz, T. Tulassay, A. Szabó
Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary
Semmelweis University, Research Group for Pediatrics and Nephrology of the Hungarian Academy of Sciences and of the Semmelweis University, Budapest, Hungary
Semmelweis University, Institute of Medical Chemistry, Molecular Biology and Pathobiochemistry, Budapest, Hungary
Semmelweis University, Department of Pulmonology, Budapest, Hungary

Brain Natriuretic Peptide (BNP) might Predict a Cardiovascular Morbidity in Children with Chronic Kidney Diseases (CKD)

J. Podracká, J. Hedvig, M. Urbanová, P. Wohlfahrt, M. Mráz
Safarik University, 1st Department of Pediatrics, Kosice, Slovakia

Clinical Outcome of Nephropathic Cystinosis: a Single Center 19 Years Experience

M. Brugnara, G. Stringini, F. Emma, M. Greco
University of Verona, Department of Pediatrics, Verona, Italy
Bambino Gesu Children’s Hospital and Research Institute, Department of Pediatrics, Rome, Italy

Baseline Characteristics of the Chronic Kidney Disease in Children Cohort Study

S. Furth, J. Jerry, S. Cole, R. Portman, M. Benfield, G. Schwartz, A. Munoz, C. Wong, M. Moxey-Mims, B. A. Warady
Johns Hopkins Medical Institutions, Baltimore, Maryland, United States
CKiD Investigator, Baltimore, Maryland, United States
11.15 – 13.00 FREE COMMUNICATIONS  
Podium Hall

Renal Physiology and Tubulointerstitial Disorders
Chairmen: Y. Frishberg – A. Tsygin

222 (MR)  Recent Advances in the Pathogenesis of Hereditary Hyperphosphatemic States  
20’
Y. Frishberg
Shaare Zedek Medical Center, Pediatric Nephrology, Jerusalem, Israel

223 (FC)  Renal Hemodynamic Changes and Renal Functional Reserve in Children with Type1 Diabetes Mellitus  
8’
A. Raes¹, R. Donckerwolcke¹, M. Craen², J. Vande Walle¹
¹University Hospital, Department of Pediatric Nephrology, Ghent, Belgium
²University Hospital, Department of Pediatrics, Ghent, Belgium

224 (FC)  Na+/K+-ATPase Stabilization by HSP70 in Outer Stripe of Outer Medulla (OSOM) during Recovery from Low Protein (LP) Diet  
8’
C. Ruete², L. Carrizo¹, V. Bocanegra², W. Manuchá², P. Vallés¹,²
¹University of Cuyo, Department of Pathology, Mendoza, Argentina
²CONICET, Department of Nephrology, Mendoza, Argentina

225 (FC)  Paracellin-1-mediated Tubular Magnesium Transport is Transcriptionally Regulated by Cyclosporin A  
8’
I. Zelikovic, E. Efrati, O. Ben David, J. Rozenfeld
The Ruth and Baruch Rappaport School of Medicine, Department of Pediatric Nephrology, Haifa, Israel

226 (FC)  Megalin Mediates Tubular Injury Secondary to Glomerular Diseases  
8’
Y. Motoyoshi¹,², T. Matussaka³, I. Ichikawa¹,³,⁴
¹Tokai University School of Medicine, Department of Pediatrics, Kanagawa, Japan
²Tokai University School of Medicine, Institute of Medical Sciences, Kanagawa, Japan
³Vanderbilt University, Department of Pediatrics, Nashville, Tennessee, United States
⁴Vanderbilt University, Department of Medicine, Nashville, Tennessee, United States
⁵Tokyo Medical and Dental University, Department of Pediatrics and Developmental Biology, Tokyo, Japan

227 (FC)  Decreased Intracellular ATP Levels in Conditionally Immortalized Proximal Tubular Cells from Cystinotic Patients  
8’
M. Wilmer¹, L. Van Den Heuvel¹,³, M. Saleem², A. De Graaf-Hess¹, H. Blom¹, L. Monnens³, E. Levchenko¹
¹Radboud University Medical Centre, Laboratory of Pediatrics and Neurology, Nijmegen, the Netherlands
²University of Bristol, Southmead Hospital, Academic Renal Unit, Bristol, United Kingdom
³Radboud University Medical Centre, Department of Pediatric Nephrology, Nijmegen, the Netherlands
228 (FC)  
**Aquaporin (AQP) 1, 3, 9 and 11 are Expressed in Human Peritoneal Mesothelial Cells and Regulated by Peritoneal Dialysis Fluids (PDF)**

M. Hömme¹, J. Schäfer¹, T. Hackert², J. Passlick-Deetjen¹, F. S. Schäfer¹, C. Schmitt¹

¹University Children's Hospital, Division of Pediatric Nephrology, Heidelberg, Germany
²University Hospital, Department of Surgery, Heidelberg, Germany
³University Hospital, Department of Nephrology, Düsseldorf, Germany

**13.00 – 14.30 Lunch Break**

**13.00 – 14.30 IPNA General Assembly**

1. Report of the Secretary General
2. Amendments to the IPNA constitution
3. Approval of recipients for honorary membership and Ira Greifer Award
4. Pediatric Nephrology Report of the Editors
5. Election of new Secretary General (2007-2013)
9. 14ᵗʰ Congress of IPNA, Budapest,
10. 15ᵗʰ Congress of IPNA, 29 August - 2 September 2010, New York
11. Fellowship Program
12. Training Program
13. Free Subscription Program
14. Varia

**14.30 – 16.00 SYMPOSIUM**

**Vasculitis in Pediatric Nephrology**

*Chairmen: A. Bakkaloglu – R. Coppo*

229 (SY)  
**New Concepts in Pathogenesis, Classification and Treatment of Lupus Nephritis**

R. Coppo

Regina Margherita University Children's Hospital, Nephrology, Dialysis and Transplant Department, Torino, Italy

230 (SY)  
**Classification of Vasculitis in Children**

S. Ozen

Hacettepe University, Faculty of Medicine, Pediatrics, Ankara, Turkey

231 (SY)  
**The Pathogenesis of Vascular Inflammation by Anti-neutrophil Cytoplasm Antibodies**

C. Pusey

Imperial College London, Renal Section, London, United Kingdom

232 (SY)  
**Treatment of Vasculitis**

A. Bakkaloglu

Hacettepe University, Faculty of Medicine, Department of Pediatric Nephrology, Ankara, Turkey
14.30 – 16.00 SYMPOSIUM 
**HUS – an Update**
Chairmen: L. B. Zimmerhackl – C. M. Taylor

233 (SY) Epidemiology of Classical Haemolytic Uraemic Syndrome (HUS) 
15’
L. Zimmerhackl
Department of Pediatrics, Innsbruck Medical University, Innsbruck, Austria

234 (SY) Genetics of HUS 
15’
T. Goodship
Newcastle University, Institute of Human Genetics, Newcastle upon Tyne, United Kingdom

235 (SY) Mechanisms of Platelet Activation in Hemolytic Uremic Syndrome 
15’
D. Karpman, A. Stahl
Clinical Sciences Lund, Department of Pediatrics, Lund, Sweden

236 (SY) Renal Transplantation in Hemolytic Uremic Syndrome (HUS) 
15’
C. Loirat
Department of Nephrology, Hôpital Robert Debré, Paris, France

14.30 – 16.00 SYMPOSIUM 
**New Insights in the Pathophysiology of Growth Failure in CKD**
Chairmen: D. Haffner – F. J. Kaskel

237 (SY) Mechanism of Growth Retardation in Kidney Diseases 
15’
C. Sanchez
University of Wisconsin School of Medicine and Public Health, Pediatrics, Renal Section, Madison, United States

238 (SY) Malnutrition-inflammation Syndrome and Growth in CKD 
15’
S. Furth¹, F. Kaskel¹, R. Mak¹, C. Wong¹, G. Schwartz², A. Munoz², S. Cole², L. Greenbaum², B. A. Warady³
¹Johns Hopkins Medical Institutions, Pediatrics and Pediatric Nephrology, Baltimore, Maryland, United States
²CKiD Study Group, Baltimore, Maryland, United States

239 (SY) Assessment of Longitudinal Growth in CKD: the Contribution of Anthropometry 
15’
M. Zivicnjak
Medical School Hannover, Pediatric Nephrology, Hannover, Germany

240 (SY) Prospective Randomized Multicenter Trial on Withdrawal of Steroids in Pediatric Renal Transplant Recipients with Stable Graft Function on Cyclosporin A (CsA) and Mycophenolate Mofetil (MMF) 
15’
B. Tönshoff, L. Weber, B. Höcker
University Children’s Hospital, 1st Department of Pediatrics, Heidelberg, Germany
14.30 – 16.00 SYMPOSIUM  Podium Hall

Non-Immunological Factors Modulating Kidney Transplant Outcomes
Chairmen: U. Heemann – A. Szabó

241 (SY) Prospective Age-matching in Elderly Kidney Transplant Recipients?
15’
A 5-year Analysis of the Eurotransplant Senior Program
U. Frei, J. Noeldeke
Charité – Universitätsmedizin Berlin, Department of Nephrology and Medical Intensive Care, Berlin, Germany

242 (SY) Young for Young! A Plead for an Age-matched Exchange of Pediatric Kidneys
15’
L. Pape
Medical School Hannover, Pediatric Nephrology, Hannover, Germany

243 (SY) The Effect of Age Matching on the Duration of the Waiting Time
15’
A. Rahmel, M. Slot, J. Smits
Eurotransplant International, Leiden, the Netherlands

244 (SY) The Role of Gender in Kidney Transplantation
15’
V. Müller
Semmelweis University, Department of Pulmonology, Budapest, Hungary

16.00 – 16.30 Coffee Break

16.30 – 17.15 STATE OF THE ART LECTURE  Concert Hall

Consequences of Chronic Kidney Disease from Childhood to Adult
J. Groothoff
Emma Children’s Hospital/Academic Medical Center, Department of Pediatric Nephrology, Amsterdam, the Netherlands

20.00 – 24.00 Gala Dinner in the Museum of Fine Arts
Transfer: from and to the official Congress Hotels
Departure time: 19.30 (Hotel Lobby)
Tuesday, 4 September, 2007

07.30 – 08.10 EARLY MORNING SESSION/CME
Renal Bone Diseases – Guidelines
L. Rees¹, I. B. Salusky²
¹Great Ormond St. Hospital, Department of Pediatric Nephrology, London, United Kingdom
²UCLA Medical Center, Los Angeles, United States

07.30 – 08.10 EARLY MORNING SESSION/CME
The Newborn with Bilateral Renal Masses
R. O. Vigier¹, E. Kis²
¹University Children’s Hospital, Pediatric Nephrology, Inselspital, Berne, Switzerland
²Semmelweis University, 1st Department of Pediatrics, Budapest, Hungary

07.30 – 08.10 EARLY MORNING SESSION/CME
How to Write a Medical Paper
O. Mehl¹, M. Baum²
¹University of Heidelberg, Department of Pediatric Nephrology, Heidelberg, Germany
²UT Southwestern Medical Center, Department of Pediatrics, Dallas, United States

08.10 – 08.20 Break

08.20 – 09.05 STATE OF THE ART LECTURE
Chairman: K. Schärer

25’ Johannes Brodehl Memorial Lecture
M. Brandis
Secretary General of IPNA
University Medical Center, Freiburg, Germany

20’ Assignement of Ira Greifert Award
M. Brandis
Secretary General of IPNA
University Medical Center, Freiburg, Germany

09.05 – 09.15 Housekeeping Remarks and Technical Break

09.15 – 10.45 SYMPOSIUM
IgA Nephropathy
Chairmen: B. Iványi – N. Yoshikawa

246 (SY) IgA Nephropathy: Aetiology, Incidence, and Geographic Distribution
R. Coppo
Regina Margherita University Children’s Hospital, Nephrology, Dialysis and Transplant Department, Torino, Italy
247 (SY) IgA Nephropathy (IgAN): Pathology, Classification Schemes
15'
B. Iványi
Department of Pathology, University of Szeged, Szeged, Hungary

248 (SY) IgA Nephropathy: Molecular Pathogenesis and Mechanisms of Progression
15'
J. Feehally
University Hospitals of Leicester, the John Walls Renal Unit, Leicester, United Kingdom

249 (SY) Treatment of Childhood IgA Nephropathy
15'
N. Yoshikawa
Wakayama Medical University, Department of Pediatrics, Wakayama, Japan

09.15 – 10.45 SYMPOSIUM
Management of Uremic Anemia
Chairmen: O. Mehls – B. A. Warady

250 (SY) No Justification for Body Weight-adjusted Dosage of EPO in Children
15'
O. Mehls
University of Heidelberg, Department of Pediatric Nephrology, Heidelberg, Germany

251 (SY) Erythropoetin or Darbepoetin for Treatment in Children
15'
F. Geary
The Hospital for Sick Children, Department of Pediatrics, Division of Nephrology, Toronto, Canada

252 (SY) How much Iron is Needed and how much is Toxic?
15'
B. A. Warady
Children's Mercy Hospital and Clinics, Pediatric Nephrology, Kansas City, United States

253 (SY) The Effect of Erythropoietin on Endothelial Cells
15'
D. Fliser
Medical School Hannover, Department of Nephrology, Hannover, Germany

09.15 – 10.45 SYMPOSIUM
Dialysis and Transplantation in Developing Countries
Chairmen: A. Bagga – H. K. Yap

254 (SY) Resource Allocation and Outcome of Dialysis and Transplantation in a Developing Country
15'
M. McCulloch
School of Child and Adolescent Health, Red Cross Children's Hospital (RXH), University of Cape Town, Cape Town, South Africa

255 (SY) Tailoring Immunosuppression to Resources in Transplantation
15'
S. Rizvi
Sindh Institute of Urology and Transplantation, Karachi, Pakistan
256 (SY)  Post-transplantation Infections and their Impact
15’
A. Bagga
Division of Pediatric Nephrology, All India Institute of Medical Sciences, New Delhi, India

257 (SY)  Ethical Issues of Renal Replacement Therapies
15’
N. Orta, P. Zibaoui, E. Lara
University of Carabobo/Insalud, Pediatric Nephrology, Valencia, Venezuela

09.15 – 10.45 SYMPOSIUM Podium Hall
Functional Genomics/Proteomics-noninvasive Monitoring of Progressive Renal Disease
Chairmen: R. Mak – M. M. Sarwal

258 (SY)  Arrays Amaze: Applications of Microarrays in Transplantation
15’
M. M. Sarwal
Division of Pediatric Nephrology at Stanford University, Stanford, United States

259 (SY)  Genomics of Renal Cell Cancer
15’
L. Kopper
Semmelweis University, Department of Pathology, Budapest, Hungary

260 (SY)  Genomic and Proteomic Analysis of Vesicoureteral Reflux (VUR)
15’
R. Mak1,2, W. Cheung1,2, J. Barry1, S. Skoog1, H. Kuo2
1University of California, 1st Department of Pediatrics, San Diego, United States
2Oregon Health Sciences University, 1st Department of Pediatrics, Portland, Oregon, United States

261 (SY)  Biomarker Discovery in Acute Kidney Injury
15’
P. Devarajan
Cincinnati Children’s Hospital Medical Center, Department of Pediatric Nephrology and Hypertension, Cincinnati, United States

10.45 – 11.15 Coffee Break

11.15 - 13.00 FREE COMMUNICATIONS Concert Hall
Glomerular Disease 2.
Chairmen: S. Rigden – N. Orta

262 (MR)  Renal Biopsy in Children with Glomerular Diseases
20’
N. Orta, V. Coronel, C. Peralta
University of Carabobo/Insalud, Pediatric Nephrology, Valencia, Venezuela

263 (FC)  The Regulation of CX3CL1 (Fractalkine) by Thromboxane A2
8’
A. Durkan1, R. Alexander2, L. Jones3, S. Tole3, G. Lui3, L. Robinson1
1Evelina Childrens Hospital, Guy’s and St. Thomas’s NHS Foundation Trust, Department of Pediatric Nephrology, London, United Kingdom
2Hospital for Sick Children, Department of Pediatric Nephrology, Toronto, Canada
3Hospital for Sick Children, Research Institute, Toronto, Canada
264 (FC) Renal Osteopontin (OPN), Intercellular Adhesion Molecule1 (ICAM1), and Transforming Growth Factor Beta1 (TGFβ1) as Biomarkers of Steroid Responsiveness in Idiopathic Nephrotic Syndrome (INS) of Childhood

K. Supe, I. Shatat, Z. Du, F. Kaskel, R. Woroniecki

Albert Einstein College of Medicine, Department of Pediatric Nephrology, Bronx, United States

265 (FC) Proteinuria in HIV Positive Children – a Pilot Study

F. Eke, I. Anochie, A. Okpere

University of Port Harcourt Teaching Hospital, Department of Pediatric Nephrology, Port Harcourt, Nigeria

266 (FC) Non-invasive Screening for Early Atherosclerosis in Children with Nephrotic Syndrome Using High Resolution Ultrasonography

S. Patnaik1, S. Hari2, P. Hari1, A. Bagga1, R. Lakshmi3

1All India Institute of Medical Sciences, Department of Pediatrics, New Delhi, India
2All India Institute of Medical Sciences, Department of Diagnostic Radiology, New Delhi, India
3All India Institute of Medical Sciences, Division of Cardiology, New Delhi, India

267 (FC) Apparent Recovery from Type 1 Membranoproliferative Glomerulonephritis with Mycophenolate Mofetil

K. Jureidini

Women's and Children's Hospital, Children's Youth and Women's Health Services, North Adelaide, Australia

11.15 - 13.00 FREE COMMUNICATIONS Theater Hall

General Nephrology 2.

Chairmen: S. Alexander – A. Bensman

268 (FC) Therapeutic Transduction of Immuno-regulatory Genes Ameliorate Chronic Renal Injury

Y. Wang1, G. Zhang1, Y. Wang3, M. Hu1, D. Watson1, H. Wu1, I. Alexander5, S. Hori4, D. Harris1, S. Alexander1

1Children's Hospital at Westmead, Department of Nephrology, Sydney, Australia
2Children's Hospital at Westmead, Gene Therapy Research Unit, Sydney, Australia
3University of Sydney, Centre for Transplantation and Renal Research, Sydney, Australia
4RIKEN, Research Centre for Allergy and Immunology, Yokohama, Japan
5Japan Science and Technology Agency, Kawaguchi, Japan

269 (FC) Normal Serum Creatinine Levels are Significantly Influenced by Kidney Size in the Normal Pediatric Population

G. Stringini, E. Malagnino, F. Emma

Bambino Gesu Children's Hospital and Research Institute, Department of Nephrology and Urology, Rome, Italy
Randomised Placebo Controlled Trial to Assess the Role of Early Prednisolone on the Development and Progression of Henoch-Schönlein Purpura Nephritis

J. Dudley, G. Smith, A. Llewellyn-Edwards, E. Tizard
1Bristol Royal Hospital for Children, Pediatric Nephrology, Bristol, United Kingdom
2University Hospital of Wales, Pediatric Nephrology, Cardiff, United Kingdom

Quality of Life in Children with End-stage Renal Disease

1University Children's Hospital, Department of Pediatric Nephrology, Heidelberg, Germany
2University Children's Hospital, Department of Pediatric Nephrology, Cologne, Germany
3University Children's Hospital, Department of Pediatric Nephrology, Essen, Germany

New Creatinine-based Formulas to Estimate GFR in Children with Chronic Kidney Disease (CKD)

G. Schwartz, A. Munoz, M. Schneider, R. Mack, F. Kaskel, B. A. Warady, S. Furth
1University of Rochester, Department of Pediatrics, Rochester, United States
2Johns Hopkins Medical Institutions, Baltimore, Maryland, United States
3Oregon Health Sciences University, Portland, Oregon, United States
4Albert Einstein College of Medicine, Bronx, NY, United States

Practice and Outcomes of Pediatric Renal Biopsies in UK Centres

F. Hussain, M. Mallik, A. R. Watson
1Bristol Royal Hospital for Children, Pediatric Nephrology, Bristol, United Kingdom
2University Hospital of Wales, Pediatric Nephrology, Cardiff, United Kingdom

Predictors of Disease Progression in Chronic Renal Insufficiency: Data from the Italkid Project

G. Ardissino
IRCCS Ospedale Maggiore Policlinico-Mangiagalli,NDT – Department of Pediatrics, Milan, Italy

Blood Pressure (BP) in Children with Chronic Kidney Disease (CKD): Preliminary Findings from the Chronic Kidney Disease in Children (CKiD) Study

J. Flynn, C. Pierce, M. Mitsnefes, S. Cole, S. Furth, B. A. Warady
1Montefiore Medical Center, Pediatric Nephrology, Bronx, United States
2CKiD Study Group, Baltimore, United States

Evolution and Predictive Value of Urinary TGF-β and Endothelin-1 Excretion in Children with CKD Receiving ACE Inhibition

1Children's Memorial Health Institute, Warsaw, Poland
2University Hospital for Pediatric and Adolescent Medicine, Division of Pediatric Nephrology, Heidelberg, Germany
277 (FC)  Brain Natriuretic Peptide and Cardiac Functions in Pediatric Dialysis Patients
8'
N. Cengiz1, E. Baskin1, S. Yildirim1, Y. Uslu1, K. Tokel1, B. Unal1, E. Melek2, I. Cetin4, A. Anarat3
1Baskent University, Department of Pediatric Nephrology, Adana, Turkey
2Baskent University, Department of Pediatric Nephrology, Ankara, Turkey
3Baskent University, Department of Pediatric Cardiology, Adana, Turkey
4Baskent University, Department of Pediatric Cardiology, Ankara, Turkey
5Baskent University, Biochemistry, Adana, Turkey

278 (FC)  Regression of Left Ventricular Hypertrophy and Normalization of Myocardial Contractility by ACE Inhibition in Children with CKD
8'
M.C. Matteucci1, S. Picca1, M. Chinali2, A. Mastrostefano1, G. De Simone3, O. Mehls2, E. Wuehl3, F. S. Schäfer and the ESCAPE Group3
1Bambino Gesu Children's Hospital and Research Institute, Department of Nephrology and Urology, Rome, Italy
2Federico 2nd University Hospital, Department of Clinical and Experimental Medicine, Naples, Italy
3University Hospital for Pediatric and Adolescent Medicine, Division of Pediatric Nephrology, Heidelberg, Germany

279 (FC)  Effects of a Short-term Suspension of Erythropoietin Therapy on Oxidative Stress during a 12-week Follow-up in Chronic Haemodialysis Patients
8'
P. Monostori1, Zs. Hracsko2, E. Karg1, I. S Varga2, I. Haszon1, F. Papp1, V. Sümegi1, Cs. Bereczki1, S. Túri1
1University of Szeged, Department of Pediatrics, Szeged, Hungary
2University of Szeged, Department of Biochemistry and Molecular Biology, Szeged, Hungary

11.15 - 13.00 FREE COMMUNICATIONS
Podium Hall
Renal Replacement Therapy
Chairmen: T. Bunchman – R. Fine

280 (MR) Sequential Hemodialysis and Hemofiltration for Hyperammonemia in a Newborn: Ammonia and Medication Clearance
15'
T. Bunchman
Helen DeVos Children's Hospital, Grand Rapids, MI, United States

281 (MR) Laboratory Diagnosis of Renal Bone Disease – Update 2007
15'
H. Schmidt-Gayk1, H. Roth1, A. Szabó2
1Limbach Laboratory, Heidelberg, Germany
21st Department of Pediatrics, Semmelweis University, Budapest, Hungary

282 (FC) Residual Renal Function (RRF) and Nutrition in Children, Adolescents and Young Adults on Chronic Hemodialysis (HD)
8'
I. Guzzo1, AE. Tozzi2, E. Mancini1, S. Picca1
1Bambino Gesu Children's Hospital and Research Institute, Epidemiology Unit, Rome, Italy
2Department of Pediatrics, Semmelweis University, Budapest, Hungary
283 (FC)  
**Healthy Newborns following Hemodialysis of Six Mothers in a Pediatric Dialysis Service**


1 Women’s and Children’s Hospital, Social Work, North Adelaide, Australia  
2 Women’s and Children’s Hospital, Nephrology, North Adelaide, Australia  
3 Women’s and Children’s Hospital, Obstetric Medicine, North Adelaide, Australia  
4 Women’s and Children’s Hospital, Obstetrics-Gynecology, North Adelaide, Australia  
5 Women’s and Children’s Hospital, Nutrition and Dietetics, North Adelaide, Australia  

284 (FC)  
**Vascular Accesses for Hemodialysis (HD) in Children under 4 Years (y) of Age**

M. A. Macher, R. Renaud, S. Malbezin, P. Bourquelot, C. Loirat, G. Deschenes

1 Hôpital Robert Debré-APHP, Service de Néphrologie Pédiatrique, Paris, France  
2 Hôpital Robert Debré-APHP, Département D’Anesthésie Réanimation, Paris, France  
3 Clinique Jouvenet, Paris, France  

285 (FC)  
**Report from the Nordic Pediatric Renal Transplant Study Group 1994-2005**

S. Hansson, U. Berg

1 Sahlgrenska Academy, Department of Pediatrics, Goteborg, Sweden  
2 Karolinska University Hospital, 1st Pediatric Clinic, Stockholm, Sweden  

13.00 – 14.30 **Lunch Break**

14.30 - 16.00 **SYMPOSIUM**  
**Chronic Peritoneal Dialysis – an Update**  
Chairmen: C. P. Schmitt – A. R. Watson  

**Concert Hall**

286 (SY)  
**Adequate Dialysis Includes Adequate Nutrition**

A. R. Watson  
Children and Young People’s Kidney Unit, Nottingham University Hospitals, Nottingham, United Kingdom  

287 (SY)  
**Biocompatible PD Solutions – Current Standing and Future Prospects**

C. P. Schmitt  
University Hospital for Pediatric and Adolescent Medicine, 1st Department of Pediatrics  
Heidelberg, Germany  

288 (SY)  
**The Impact of the IPPR on the Treatment of Peritonitis**

B. A. Warady  
Children’s Mercy Hospital and Clinics, Pediatrics Nephrology, Kansas City, United States  

289 (SY)  
**Risk Factor Targeted Interventions in PD – the Next Step?**

Ch. Aufricht  
Medical University, Pediatrics, Vienna, Austria
14.30 - 16.00 SYMPOSIUM

**Immunosuppression and Renal Transplant Outcomes**
*Chairmen: P. Hoyer – S. Alexander*

290 (SY) Chronic Allograft Nephropathy
15’

S. Alexander
Stanford University, Stanford, United States

291 (SY) Which Immunosuppression in Pediatric Transplantation?
15’

P. Hoyer
University Children’s Hospital, Essen, Germany

292 (SY) Steroid Avoidance: a Reality for Pediatric Transplantation
15’

M. M. Sarwal
Division of Pediatric Nephrology at Stanford University, Stanford, United States

293 (SY) Prognostic Factors of Survival in Pediatric Posttransplant Lymphoproliferative Disease after Solid Organ Transplantation
15’

B. Maecker, C. Klein
Hannover Medical School, Department of Pediatric Hematology/Oncology, Hannover, Germany

14.30 - 16.00 SYMPOSIUM

**Congenital Metabolic Diseases with Renal Manifestations**
*Chairmen: D. Bockenhauer – R. Kleta*

**Introduction**

R. Kleta
University College London, London, United Kingdom

294 (SY) Cystinosis. Renal Insights into a Lysosomal Storage Disorder
15’

R. Kleta
University College London, London, United Kingdom

295 (SY) Lowe Syndrome and Dent’s Disease: Two Ends of a Spectrum
15’

D. Bockenhauer
Great Ormond Street Hospital for Children NHS Trust, Nephrology, London, United Kingdom

296 (SY) Fabry Disease: What Pediatric Nephrologists should Know?
15’

M. Cho
Kidney Disease Section, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Department of Health and Human Services, Bethesda, MD, United States

297 (SY) Methylmalonic Acidemia
15’

R. Kleta¹, W. Van’t Hoff²
¹University College London, London, United Kingdom
²Great Ormond Street Hospital for Children NHS Trust, Pediatric Nephrology, London, United Kingdom
Summary
R. Kleta
University College London, London, United Kingdom

14.30 - 16.00 SYMPOSIUM
HIV
Podium Hall

298 (SY) Introduction to Pediatric Human Immunodeficiency Virus (HIV) Disease
15’
M. McCulloch
School of Child and Adolescent Health, Red Cross Children’s Hospital (RXH), University of Cape Town, Cape Town, South Africa

299 (SY) Role of Circulating Fibroblast Growth Factor-2 in the Pathogenesis of Childhood HIV Associated Nephropathy (HIVAN)
15’
M. Jerebtsova, P. Tang, P. Ray
Children's Research Institute, Children's National Medical Center, Department of Pediatrics, Washington DC, United States

300 (SY) Experience in HIV Renal Disease in Children
15’
L. Abitbol
University of Miami, Pediatric Nephrology, Miami, United States

301 (SY) Spectrum of Severe Renal Disease in Children with HIV/AIDS at Chris Hani Baragwanath Hospital
15’
U. Kala1,2, K. Petersen1,2, G. Faller1,2, S. Goetsch1,3
1Chris Hani Baragwanath Hospital, Pediatrics, Johannesburg, South Africa
2University of the Witwatersrand, Pediatrics, Johannesburg, South Africa
3National Health Laboratory Service, Anatomical Pathology, Johannesburg, South Africa

302 (SY) The Kidney as a Replication-competent Reservoir in Patients with HIV Associated Nephropathy
15’
P. Klotman
Division of Nephrology, Department of Medicine, Mount Sinai School of Medicine, New York, United States

16.00 – 16.15 Coffee Break

16.15 - 17.00 STATE OF THE ART LECTURE
Podium Hall

303 (SA) Applying Regenerative Medicine to Combat Organ Shortage
15’
P. Dekel
Laboratory of Regenerative Nephrology, Edmond and Lili Safra Children's Hospital, Sheba Medical Center, Tel Hashomer, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel

17.00 – 17.05 CLOSING REMARKS
Hypertension; Genetics

304 (P)  Gene Expression by cDNA Chip for Angiotensin Receptor Blocker (ARB) Treated Cultured Human Mesangial Cell (HMC)
SD. Kim, BS. Cho

305 (P)  Whether Paraoxonase Q192R Gene Polymorphism is Associated with Progression of Childhood Steroid-resistant Nephrotic Syndrome?
L. Prikhodina, N. Poltavets, N. Galeeva, E. Zaklyazminskaya, V. Dlin, A. Polykov, M. Ignatova

306 (P)  Podocin Gene (NPHS2) Mutations in Children with Sporadic Steroid-resistant Nephrotic Syndrome
L. Prikhodina, N. Poltavets, N. Galeeva, E. Zaklyazminskaya, V. Dlin, A. Polykov, M. Ignatova

307 (P)  Reninoma – a Rare Cause of Hypertension
Z. Dolezel, J. Starha, Z. Pavlovsky, D. Dostalkova

308 (P)  New Molecular Findings in Turkish Cystinosis Patients

309 (P)  Bell’s Palsy, a Rare Presentation of Hypertension in Children
F. Mortazavi

310 (P)  NPHS2 Mutations in Egyptian Children with Non-familial Steroid-resistant Nephrotic Syndrome
A. Bakr, S. Yehia, D. Al-Ghanam, M. Ragab, A. Hamad, A. Sarhan

311 (P)  Renovascular Hypertension Caused by Pseudoxanthoma Elasticum
Y. Santo, N. Shimizu, K. Satomura

312 (P)  Molecular Analysis of 5 Japanese Patients with Type III Bartter Syndrome

313 (P)  Percentile Based Definition of Obesity vs. BMI Cardiovascular Risk Thresholds as Markers of Target Organ Damage and Metabolic Abnormalities in Adolescents with Primary Hypertension (PH)

314 (P)  Glutathione-S-transferase Polymorphism and Response to Cyclophosphamide Therapy in Idiopathic Nephrotic Syndrome
S. Gulati, S. Sharda, G. Tripathi, T. Jaffar, R. Sharma, S. Aggarwal
<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
</table>
| 315  | Angiotensin II Type 2 Receptor Gene Polymorphism on the Development of Primary Vesicoureteral Reflux in Taiwanese Children  
YH. Chiu, LY. Wang, JR. Hou, CY. Wu, CS. Huang, SP. Huang |
| 316  | Cystinuria – a Plea for Earlier Diagnosis  
N. Arikyants, A. Sarkissian, A. Babloyan, W. Berg, A. Hesse, B. Steinmann, E. Leumann |
| 317  | Pediatric Arterial Hypertension in a Single Tertiary Unit  
R. Gomes, B. Vitor, A. Leite, AC. Simes e Silva |
| 318  | Metabolic Syndrome and its Relation with Target Organ Damage in Children with Primary Hypertension  
| 319  | Juvenile-onset Nephronophthisis with Laber’s Amaurosis in Two Siblings  
JY. Choi, YH. Park, YJ. Kim |
| 320  | Clinico-genetic Study of Nail-patella Syndrome  
HI. Cheong, HY. Cho, HJ. Choi, BH. Lee, IS. Ha, Y. Choi |
| 321  | Essential Arterial Hypertension and Genetic Factors in School Children  
M. Pavicevic, D. Pavicevic |
| 322  | Ambulatory Blood Pressure Monitoring Parameters and Echocardiographic Findings in Patients with Primary Hypertension  
ZB. Ozcakar, F. Yalcinkaya, E. Tutar, T. Ucar, S. Atalay, M. Ekim |
| 323  | Overweight/Obesity in Children and Adolescents with Primary Hypertension  
J. Delmis, B. Valent-Moric, P. Majdak |
| 324  | Influence of Parents’ BMI, Sedentarism and Family History of Hypertension (HTN) on Body Mass Indices (BMI) and Blood Pressure (BP) of Healthy 2-6 Years Children  
N. Goldraich, M. Biernat, C. Pilla |
| 325  | Prenatal Diagnosis and Genetic Counciling of a Chinese Alport Syndrome Kindred  
HW. Zhang, J. Ding, F. Wang |
| 326  | Detection of Mutations in Autosomal Recessive Alport Syndrome by Analyzing cDNA of Peripheral Blood Lymphocytes  
HW. Zhang, J. Ding, F. Wang, JP. Huang, HJ. Xiao, Y. Yao, L. Yu |
| 327  | 2005 Normative Blood Pressure Tables Adjusted for Height, Age and Gender in Korean Children and Adolescents  
CG. Lee, JS. Moon, JM. Choi, BG. Choi, EK. Chung, YT. Kim |
328 (P)  A Novel Compound Heterozygous Mutation of the SLC12A3 Gene in a Chinese Family with Gitelman Syndrome  
P. Li, JP. Huang, J. Ding

329 (P)  The Clinical Value of Ambulatory Blood Pressure Monitoring in Pediatric Kidney Disease  
Y. Zhu, H. Xu, H. Tian, Q. Cao, Lj. Zhou

330 (P)  Identification of 6 Novel Mutations in the COL4A5 Gene of Japanese Patients with X-linked Alport Syndrome  

331 (P)  Detection of Mutations in a Chinese Juvenile Nephronophthisis Patient  
N. Guan, H. Zhang, J. Ding

332 (P)  Cutaneous Small-vessel Vasculitis Induced by Enalapril in an 8-Year-Old Boy  
H. Georgaki, K. Stefanaki, G. Anastasiadis, N. Stergiou, M. Valari

333 (P)  A New Case of Salt Wasting and Deafness due to Simultaneous Deletions in two Chloride Channels, ClC-Ka and ClC-Kb  
N. Borsa, R. Bellantuono, ML. Syren, F. Emma, D. Coviello, A. Bettinelli, S. Tedeschi

334 (P)  Renovascular Hypertension in the Solitary Kidney in a 17-Year-Old Girl: a Case Report  
A. Kolsky, J. Peregrin, J. Kovac, P. Adolfova, H. Houstkova, M. Kolska

335 (P)  Hypertension in Children with Nephrotic Syndrome  

336 (P)  Unusual Presentation of Familial Hypomagnesemia with Hypercalciuria and Nephrocalcinosis over Two Generations  
N. Ristoska Bojkovska, A. Schaller, Z. Gucev, M. Konrad, V. Tasic

337 (P)  Risk Factors of Arterial Hypertension in Children with Reflux Nephropathy  
M. Panczyk-Tomaszewska, J. Sladowska, J. Sołtyski, M. Roszkowska-Blaim

338 (P)  Grange Syndrome: an Extremely Rare Cause of Hypertension in a Child with Multiple Congenital Anomalies  
A. Öner, O. Erdoan, S. Baysun, M. Bülbül, G. Demircin, F. Balkanc

339 (P)  Superior Consistency of Ambulatory vs. Office Blood Pressure Monitoring in Children  
C. Hadtstein, E. Wühl, F. S. Schäfer, the ESCAPE Trial Group
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>340 (P)</td>
<td>Case Report: Hyponatremic Hypertensive Syndrome in Children</td>
<td>B. Yildiz, N. Kural, C. Dinleyici, K. Arikbuka</td>
</tr>
<tr>
<td>341 (P)</td>
<td>Blunted Circadian and Ultradian Cardiovascular Rhythms in Children with Vesico-ureteral Reflux and Renal Scarring</td>
<td>L. Patzer, C. Hadtstein, T. Seeman, J. Misselwitz, F. Schäfer, E. Wühl</td>
</tr>
<tr>
<td>342 (P)</td>
<td>Discordant EYA1 Gene Mutational Status in Two Siblings with Vesicoureteral Reflux</td>
<td>V. Tasic, N. Ristoska-Bojkovska, Z. Gucev, B. Hoskins</td>
</tr>
<tr>
<td>343 (P)</td>
<td>Associations of Asymmetric Dimethylarginine (ADMA) with Prognostic Factors of Cardiovascular Dysfunction in Children with Hypertension</td>
<td>M. Zaniew, J. Zachwieja, B. Mroziński, D. Sobczyk, M. Lewandowska-Stachowiak, A. Siwińska</td>
</tr>
<tr>
<td>344 (P)</td>
<td>Delayed Diagnosis of Nephrogenic Diabetes Insipidus due to Transient Hypogammaglobulinemia of Infancy</td>
<td>I. Dursun, N. Hatipoglu, MK. Gurgoze, Z. Gunduz, H. Poyrazoglu, R. Dusunsel</td>
</tr>
<tr>
<td>346 (P)</td>
<td>Xanthogranulomatous Pyelonephritis in Familial Hypomagnesemia with Hypercalciuria and Nephrocalcinosis (FHHNC)</td>
<td>C. Mache, S. Roedl, M. Konrad, B. Roschitz, E. Ring</td>
</tr>
<tr>
<td>348 (P)</td>
<td>Lowe Syndrome versus Dent Disease 2 does Type and/or Location of OCRL1 Mutation Predicts Phenotype?</td>
<td>M. Ludwig, D. Böckenhauer, S. Fründ, E. Kuwertz-Bröking, M. Nuutinen, V. Sabolic-Avramovska, A. Schulze Everding, V. Tasic, W. Van't Hoff, A. Bökenkamp</td>
</tr>
<tr>
<td>349 (P)</td>
<td>Relationship of Body Mass Index and Blood Pressure in Children with Obesity</td>
<td>A. Balat, A. Ozkur, E. Altuncu, M. Keskin, M. Buyukcelik, N. Aydin</td>
</tr>
<tr>
<td>350 (P)</td>
<td>Genetic Diposition for Essential Hypertension in Children of Mothers with Preeclampsia</td>
<td>D. Meglic, M. Miksic, B. Zagradisnik, A. Gregoric</td>
</tr>
<tr>
<td>Page</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>352</td>
<td>Dent Disease – from Clinical Features to Gene Analysis</td>
<td>S. Pavicevic, R. Bogdanovic, M. Ludwig</td>
</tr>
<tr>
<td>353</td>
<td>The Cost Effectiveness of Ambulatory Blood Pressure Monitoring (ABPM) in the Initial Evaluation of Hypertensive Children</td>
<td>S. Swartz, P. Srivaths, D. Feig</td>
</tr>
<tr>
<td>355</td>
<td>Effects of Low Birth Weight on Blood Pressure in 5- to 7-Year-Old Children</td>
<td>C. Grassia, E. Palma, L. Graziano, A. La Marca, F. Orbinato, G. Lama</td>
</tr>
<tr>
<td>356</td>
<td>Novel Mutations in the Vitamin D Receptor in Four Brazilian Children with Hereditary 1,25-(OH)2 Vitamin D-resistant Rickets</td>
<td>V. Belangero, L. Machedo, S. Rigatto, L. Souza-Li</td>
</tr>
<tr>
<td>357</td>
<td>Echocardiographic Assessment of Aortic Distensibility in Hypertensive Children</td>
<td>K. Markicevic-Ruzicic, J. Djelmis</td>
</tr>
<tr>
<td>358</td>
<td>Ambulatory Blood Pressure Monitoring in Children with Small for Gestational Age: the Preliminary Results of One Center Study</td>
<td>S. Gokalp, I. Bilge, S. Kabatas, F. Bas, S. Emre, F. Darendeliler</td>
</tr>
<tr>
<td>360</td>
<td>Posterior Reversible Encephalopathy Syndrome in Childhood Hypertension and its Outcome</td>
<td>S. Chao, A. Tan, H. Phuah</td>
</tr>
<tr>
<td>361</td>
<td>Prediction Value of Genetic Polymorphisms in Perinatal Acute Renal Failure: None, Minor or Major?</td>
<td>A. Treszl, A. Kaposi, J. Hajdú, B. Györrfy, M. Szabó, T. Tulassay, B. Vásárhelyi</td>
</tr>
<tr>
<td>362</td>
<td>The Prevalence of Sleep-Related Breathing Disorder in Pediatric Patients Presenting with Hypertension</td>
<td>K. Smith, D. Glaze, D. Feig</td>
</tr>
<tr>
<td>363</td>
<td>The Renal Phenotype in Lowe Syndrome is Similar to Dent’s Disease</td>
<td>D. Bockenhauer, W. Van’t Hoff, A. Bokenkamp, M. Ludwig</td>
</tr>
<tr>
<td>364</td>
<td>Severe Hypertension due to Renal Artery Stenosis: Mind the Controlateral Kidney during Percutaneous Luminal Angioplasty (PTA)</td>
<td>A.L. Adra, J. Tenenbaum, MP. Lavocat, X. Barral, H. Vernhet, C. Veyrac, D. Moring</td>
</tr>
</tbody>
</table>
365 (P) Favourable Outcome in a Patient with Renal Tubular Dysgenesis (RTD)
A. Garnier, O. Gribouval, MC. Gubler, C. Antignac, V. Baudouin, C. Loirat

366 (P) Reproducibility of Home Blood Pressure (HBP) in Children Measured by an Automatic Device
E. Furusawa, U. Doria Filho, V. Koch

367 (P) Central Diabetes Insipidus Caused by De Novo Mutation of Vasopressin Gene
V. Chadha, D. Kraynak, S. Elsea

368 (P) A Novel Mouse Model of Podocin Inactivation in the Adult Mouse Develops Nephrotic Syndrome and Glomerulosclerosis
O. Boyer, G. Mollet, A. Onetti Muda, T. Aguirre Lavin, L. Bugeon, C. Antignac, E. Esquivel

369 (P) Genetic Factor of Glomerulonephritis Progression
E. Petrosyan, A. Schestakov

370 (P) Captopril Renography for the Differential Diagnosis of Hypertension in Children: Correlation with Radiologic Methods
Bilginer, F. Bozkurt, P. Kiratli, B. Erbas, F. Balkanci, N. Besbas

371 (P) Unusual Cause of Childhood Hypertension: Takayasu’s Arteritis
N. Cengiz, E. Baskin, L. Oguzkurt, R. Turkoz, Y. Uslu, A. Anarat

372 (P) Plasma and Urinary Urotensin-II Levels in Obese Adolescents with Hypertension
AK. Bayazit, S. Erdem, B. Simsek, M. Soran, A. Noyan, N. Ozbarlas, A. Anarat

373 (P) Molecular and Clinical Findings in Autosomal Recessive Distal Renal Tubular Acidosis and Deafness
D. Lotan, B. Dekel, B. Joshua, D. Landau, R. Kleta, Y. Anikster

374 (P) CLCNKB Gene Deletion as a Cause for Mixed Neonatal Bartter-Gitelman Syndrome Coupled with Chronic Renal Failure
D. Magen, E. Dorman, I. Eisenstein, K. Skorecki, I. Zelikovic

375 (P) Kir 4.1 - KCNJ10 Gene Polymorphisms in Children with Primary Nocturnal Enuresis
A. Balat, M. Parlak, S. Oguzkan, B. Gogebakan, M. Buyukcelik

376 (P) Rare CFTR Gene Mutation in a Child Presenting with Recurrent Electrolyte Abnormalities and Metabolic Alkalosis

377 (P) Phenotype-Genotype Heterogeneity in HNF-1β Mutations
G. Ariceta, G. Perez de Nanclares, B. Garcia-Cuartero, MJ. Goni, M. Aguirre, L. Castano
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>378</td>
<td>A Novel Form of Partial Congenital Nephrogenic Diabetes Insipidus Caused by Heterozygosity for a Missense Mutation in the AQP2 Gene</td>
<td>S. Rittig, M. Faerch, K. Kamperis, J. Christensen</td>
</tr>
<tr>
<td>379</td>
<td>A Mechanism for Exon Skipping Caused by Alu Insertion in the CLCN5 Gene of a Patient with Dent’s Disease</td>
<td>E. Ramos-Trujillo, F. Gonzalez-Paredes, P. Tejera, H. Gonzalez-Acosta, V. Garcia-Nieto, F. Claverie-Martin</td>
</tr>
<tr>
<td>381</td>
<td>A Novel Ciliary Gene is Mutated in Cerebello-Oculo-Renal Syndrome (Joubert Syndrome Type B) and Meckel Syndrome</td>
<td>M. Delous, R. Salomon, K. Tory, F. Legendre, T. Lacoste, U. Rüther, C. Antignac, S. Schneider-Maunoury, T. Attié-Bitach, S. Saunier</td>
</tr>
<tr>
<td>382</td>
<td>Identification of a Novel Missense Mutation in the SLC12A1 Gene Causing Severe Antenatal Bartter’s Syndrome</td>
<td>C. Siggaard, C. Christensen, K. Norgaard, S. Rittig</td>
</tr>
<tr>
<td>383</td>
<td>Renal Function Protective Effects of Combination Therapy with Captopril and Candesartan in Patients with Hereditary Nephritides</td>
<td>J. Suzuki, K. Takano, K. Suyama, Y. Kawasaki, S. Suzuki</td>
</tr>
<tr>
<td>384</td>
<td>A Novel NPHS1 Alteration Associated with Congenital Nephrotic Syndrome Responding to Symptomatic Treatment</td>
<td>M. Liebau, C. Evers, B. Royer-Pokora, B. Schermer, T. Benzing, M. Pohl</td>
</tr>
<tr>
<td>385</td>
<td>Interleukin 1 Receptor Antagonist Gene Polymorphism in Childhood Nephrotic Syndrome</td>
<td>A. Balat, T. Sever, C. Kilicarslan, M. Buyukcelik, N. Araz, S. Pehlivan</td>
</tr>
</tbody>
</table>
Inherited Renal Disease; Developmental Nephrology

388 (P)  The Impact of Pyelocaliceal Dilation on the Occurrence of Urinary Tract Anomalies and Infections in Infants  
K. Drnasin, M. Saraga

389 (P)  Early Human Kidney Development: Role of Intermediate Filaments (Cytokeratins and Vimentin), Epithelial and Transforming Growth Factors (EGF and TGF-Alpha)  
D. Carev, M. Saraga, M. Saraga-Babic

390 (P)  Role of JNK in the Maintenance of Cell Integrity and Branching Morphogenesis in Inner Medullary Collecting Duct Cells  
H. Fujita, S. Omori, M. Hida, M. Awazu

391 (P)  Aldosterone Regulates Apoptosis and Mitogen-Activated Protein Kinase Family Expressions in the Neonatal Rat Kidney  
KH. Yoo, HE. Yim, BM. Choi, IS. Bae, YS. Hong, JW. Lee

392 (P)  Late Diagnosis of Renal and Urinary Tract Anomalies in Moldova  
V. Rotaru, B. Curajos, A. Curajos, V. Morosanu

393 (P)  Clinical Outcome of Isolated Antenatal Hydronephrosis: a Prospective Study  

394 (P)  Comparison of Ultrasonographic Renal Parameters as Predictors of Uropathy in Infants with Antenatal Hydronephrosis  

395 (P)  Ultrasonographic Renal Parameters as Predictors of Vescicoureteral Reflux Infants with Antenatal Hydronephrosis  

396 (P)  Simultaneous Combined Liver-kidney Transplantation (CLKT) from the Same Donor in Autosomal Recessive Polycystic Kidney Disease  

397 (P)  Renal Calcification in Patients with Autosomal Recessive Polycystic Kidney Disease (ARPKD)  

398 (P)  TSC2-PKD1 Contiguous Gene Syndrome in an Infant with Multiorgan Involvement  
Z. Békássy, G. Björkhem, G. Bynke, J. Lundgren, J. Landehag
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>399</td>
<td>Clinical Outcome of Patients with Antenatal Diagnosis of Urinary Anomalies</td>
<td>H. Alpay, N. Biyikli, I. Gokce, E. Senay</td>
</tr>
<tr>
<td>401</td>
<td>Serum and Urine Fibronectin (FN) Levels in Children with Vesicoureteral Reflux (VUR)</td>
<td>A. Sabasińska, W. Zoch-Zwierz, A. Wasilewska, T. Porowski</td>
</tr>
<tr>
<td>403</td>
<td>Glomerulocystic Kidney Disease in Hypomelanosis of ITO</td>
<td>G. Vergine, F. Mencarelli, F. Emma</td>
</tr>
<tr>
<td>405</td>
<td>Anomalies of Genitourinary Tract in Children with Unilateral Multicystic Dysplastic Kidney</td>
<td>HW. Park, YA. Cho</td>
</tr>
<tr>
<td>406</td>
<td>The Use of Bumetanide in Oliguric Acute Renal Failure in Preterm Infants</td>
<td>M. Oliveros, A. Resheidat, J. Pham, E. John, R. Bhat</td>
</tr>
<tr>
<td>408</td>
<td>Early Diagnosis of a Vaginal Ectopic Ureter in a Three Month Old Girl</td>
<td>ZB. Ozcakar, M. Ekim, S. Fitoz, T. Pekacar, F. Yalcinkaya</td>
</tr>
<tr>
<td>409</td>
<td>Primary Vesicoureteral Reflux Associated with Mild Antenatal Hydronephrosis-usefulness of Voiding Urosonography in Diagnosis</td>
<td>E. Siomou, F. Papadopoulou, A. Serbis, V. Giapros, G. Makridimas, A. Siamopoulou, S. Andronikou</td>
</tr>
<tr>
<td>410</td>
<td>Early Treatment with Indomethacin in a Neonate with a Bartter Syndrome – a Case Report</td>
<td>I. Vainumäe, A. Traat, L. Maipuu, T. Kahre, N. Jeck</td>
</tr>
<tr>
<td>411</td>
<td>Secondary Pseudohypoaldosteronism in Patients with Obstructive Urinary Tract Anomalies</td>
<td>N. Stajic, J. Putnik, R. Bogdanovic</td>
</tr>
</tbody>
</table>
412 (P)  Fetal Renal Abuse due to Maternal Ingestion of Nimuselide during the Last Trimester of Pregnancy  
U. Ali, P. Andankar

413 (P)  Effects of Hyperoxia and Permissive Hypercapnia in the Newborn Kidney  
K. Supe, A. Vicencio, Z. Du, D. Thomas, R. Woroniecki

414 (P)  Long-term Follow-up of 47 Children with Polycystic Kidney Disease (PKD)  
E. Andreeva, N. Savenkova, V. Larionova

415 (P)  Renal Functions in Patients after Surgery of Obstructive Uropathy Detected by Pre- and Postnatal Screening  
D. Miklovicova, O. Cervenova, A. Cernianska, L. Dedik

416 (P)  Renal Abnormalities in Children with Williams Syndrome  
M. Gokce, I. Bilge, B. Karaman, S. Basaran, A. Sirin, H. Kayserili

417 (P)  Clinical Outcome of Congenital Unilateral Ureteropelvic Junction (UPJ) Obstruction  
G. Lama, L. Graziano, R. Bismuto, E. Palma, F. Iaccarino, A. Marte, P. Rambaldi, M. Esposito Salsano

418 (P)  Outcome of Antenatal Hydronephrosis – Our Results  
B. Valent Moric, J. Delmis

419 (P)  Perinatal Asphyxia may Present with Features of Neonatal Atypical Hemolytic Uremic Syndrome  
V. Biran, S. Fau, T. Jammal, F. Veinberg, F. Gold, A. Bensman, T. Ulinski

420 (P)  Prenatal Hydronephrosis: Grade and Anterioposterior Diameter of Renal Pelvis as Pronostic Factors  
M. Espino, B. Adiego, A. Granados, J. Albillos, J. Martinez, B. Bonet, S. Jimeno, C. Molina

421 (P)  Long-term Outcome of PUV-own Observations  
A. Medynska, M. Nalesniak, K. Kilis-Pstrusinska, D. Zwolinska

422 (P)  Furosemide Administration is Beneficial in Extremely Preterm Infants but Side Effects Exist and Correlate to Total Drug Exposure  
D. Tchibalina, A. Henschen, B. Jónsson, M. Vanpée

423 (P)  Should Every Infant with Antenatally Detected Renal Pelvis Dilatation Undergo Voiding Cysto-urethrography?  
K.J. Lidefelt

424 (P)  Assessment of Long Term Renal Function in the Survivors of Significant Neonatal Hypoxic Ischaemic Encephalopathy  
R. Gottstein, M. Lewis, S. Sukthankar

Inherited Renal Disease; Developmental Nephrology
425 (P) Twin-twin Syndrome (TTS) and Bronchiectasis
M. Afanetti, MC. Thouret, T. Bourrier, M. Albertini, D. Crenesse, E. Berard

426 (P) Urofacial (OCHOA) Syndrome: Can a Smile Represent Severe Voiding Dysfunction?
E. Melek, U. Bayrakci, M. Derbent, H. Sakalli Ercoban, N. Cengiz, E. Baskin

427 (P) Kidney Stone and Urinary Bladder Telangiectasia in a Patient with TAR Syndrome
I. Akil, S. Gozmen, O. Yilmaz, C. Taneli

428 (P) The Management of Mild to Moderate Hydronephrosis Detected Antenatally – an Evidence Based Approach
Z. Ahmad, S. Hegde

429 (P) Jeune Asphyxiating Thoracic Dysplasia: a Case Report
N. Cengiz, E. Baskin, I. Erol, Y. Uslu, A. Pourbagher, O. Canan, A. Anarat

430 (P) Follow-up Antenatal Hydronephrosis: One Centre Experience
N. Kural, B. Yildiz, M. Evim, B. Tokar, Y. Kural, N. Akcam

431 (P) Hyponatremia and Renal Tubular Acidosis in Severe Vesicoureteral Reflux – a Case Report
S. Swerkersson, S. Hansson

432 (P) Outcome of Antenatal Hydronephrosis in Chinese Infants: a Five-year Follow-up Study
L. Leung, D. Soo, V. Lee, A. Chong, W. Lau, T. Tong, W. Leung

General Nephrology 1-2.

433 (P) A Beneficial Effect of Acacia Gum in a Patient with Nephropathic Cystinosis and Chronic Renal Failure
A. Al Mosawi

434 (P) The Spectrum of Renal Tubular Disorders in Iraqi Children
A. Al Mosawi

435 (P) The Incidence of Ocular Abnormalities in Childhood Chronic Renal Failure
A. Al Mosawi

436 (P) The Effect of Phototherapy on Urinary Calcium Excretion in Neonates with Nonphysiological Hyperbilirubinemia
N. Hooman, H. Samaii, N. Taheri Derakhsh, A. Arab Mohamad Hosani

437 (P) Renal Function in Children with Leukemia
N. Hooman, KH. Arjmandi, P. Vosoug
438 (P) Renal Function and Urolithiasis in Cystic Fibrosis
V. Tramma, K. Giourtzis, V. Fotoulaki, N. Nousia-Arvanitaki

439 (P) Henoch-Schönlein Purpura in Childhood: Epidemiological and Clinical Analysis of 901 Cases Over a 11-year Period
L. Lu, F. Deng, Q. Zhang, B. Hu, Ch. Zhang

440 (P) Clinical Features and Analysis of the CTLA-4 Gene in Japanese SLE Families
M. Okada, K. Sugimoto, M. Ikeoka, H. Yanagida, N. Wada, K. Yagi, T. Takemura

441 (P) A Japanese Family with Alport Syndrome Associated with Esophageal Leiomyomatosis: Genetic Analysis of COL4A5 to COL4A6 and Immunostaining for Type IV Collagen Subtypes
S. Fujita, K. Sugimoto, H. Yanagida, K. Yagi, M. Okada, T. Takemura

442 (P) Validation of Non-Invasive Urodynamics in Children with Voiding Disorders
M. Kanitkar, R. Ramamoorty, P. Madhusoodanan

443 (P) Longitudinal FDP-E Measurement is the Useful Evaluation Test for the Disease Activity of Henoch-Schönlein Purpura. Effective Dose of Prednisolone for Repressing the Disease Progression may be 1.5 mg/kg/day or More
K. Kuwakado, M. Fujiwara, N. Tanaka, N. Takeda

444 (P) Comparative Evaluation of Renal Findings in Thalassemia Major and Thalassemia Intermedia in Children and Young Adults
A. Derakhshan, K. Karimi, A. Ghadimi Moghadam, M. Basiratnia

445 (P) Proteinuria – a Diagnostic Puzzle
Z. Dolezel, D. Dostalkova, J. Starha

446 (P) Renal Function in Late Survivors of Iranian Children with Cancer – Single Center Experience
P. Vosoug, Kh. Arjmandi, N. Hooman

447 (P) Discussion of Treatment with Hemolytic Uremic Syndrome after Acute Stage
L. Ye, Z. Yu

448 (P) Prevalence of Hematuria in Patients with Thalassemia Major in Shiraz-Iran
M. Fallahzadeh, M. Shahriri, Sh. Rastegar, A. Derakhshan

449 (P) Reliability of Ultrasonography in Prediction of Vesicoureteral Reflux in Children
M. Fallahzadeh, M. Fallahzadeh, F. Ghane

450 (P) Cyclosporine A Reduces the Level of Serum Interleukin 2 in Children with Nephrotic Syndrome
Y. Aoki, A. Saito, H. Arki, M. Ikoma, Y. Koitabashi
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>451</td>
<td>Circulating Angiotensin Peptides in Type 1 Diabetic Adolescents: is Angiotensin-(1-7) Formation Blunted in Microalbuminuric Patients?</td>
<td>R. Pereira, R. Santos, A. Santos-Jr, AC. Simoes e Silva</td>
</tr>
<tr>
<td>452</td>
<td>The Use of Soluble Transferrin Receptor-Ferritin Index for Monitoring Iron Supplementation in Chronic Kidney Disease Patients</td>
<td>C. Ooi, N. Lepage, E. Nieuwenhuys, G. Filler</td>
</tr>
<tr>
<td>453</td>
<td>Clinical Features and Risk Factors of Pediatric Urolithiasis in North-West of Iran</td>
<td>F. Mortazavi, L. Mahbubi</td>
</tr>
<tr>
<td>455</td>
<td>Need of Laxatives in Enuresis Treatment</td>
<td>J. Van der Deure, AM. Ockhuijsen</td>
</tr>
<tr>
<td>456</td>
<td>Calcium and Magnesium Concentrations during Plasmapheresis</td>
<td>R. Krishnan, M. Coulthard</td>
</tr>
<tr>
<td>458</td>
<td>Polyarteritis Nodosa Presented with Multiple Visceral Hematomas in a Child with Familial Mediterranean Fever</td>
<td>S. Baysun, G. Demircin, M. Bülbül, Ö. Erdoan, Y. Yildiz, A. Öner</td>
</tr>
<tr>
<td>459</td>
<td>New Technology in the Management of Pediatric Urinary Tract Calculi</td>
<td>S. Charalambous, N. Printza, F. Papachristou, Ch. Toutziaris, Ch. Karapanagiotidis, A. Papathanasiou, V. Rombis</td>
</tr>
<tr>
<td>460</td>
<td>Impact of Urodynamics in Nocturnal Enuresis Investigation in Children</td>
<td>S. Charalambous, N. Printza, F. Papachristou, K. Tzakas, V. Rombis, E. Ioannides</td>
</tr>
<tr>
<td>461</td>
<td>Pattern of Lipid Profile in Children on Maintenance Hemodialysis</td>
<td>M. Khazaei, P. Hosseini, S. Abtahi</td>
</tr>
<tr>
<td>462</td>
<td>Comparison between Renal Sizes Measured by Ultrasonography and Dimercaptosuccinic Acid (DMSA) Scintigraphy</td>
<td>M. Khazaei, G. Kainer</td>
</tr>
<tr>
<td>463</td>
<td>Monitoring of Cystine Binding Drugs is Important in the Medical Management of Cystinuria in Children</td>
<td>L. Dello Strologo, A. Legato, A. Pastori</td>
</tr>
</tbody>
</table>
Nutcracker Syndrome in Children: the Role of Upright Position Examination and Superior Mesenteric Artery Angle Measurement in the Diagnosis
S. Fitoz, M. Ekim, ZB. Ozçakar, A. Elhan, F. Yalcinkaya

Analysis of Renal Biopsies Performed in Korean Children with Abnormal Findings in Urinary Mass Screening: a Single Center’s Experience
JS. Lee, YM. Lee, JH. Kim, PK. Kim, HJ. Jeong

Treatment Outcome of Proliferative Lupus Nephritis in Children: Comparison of Mycophenolate (MMF) Versus Cyclophosphamide/Azathioprine Protocol
EE. Aragon, YW. Lau, G. Chiang, PH. Tan, CM. Quek, KH. Ng, HK. Yap

Multiple Drug-resistant Gene 1 (MDR1) in Children with Steroid-sensitive Nephrotic Syndrome
S. Funaki, S. Takahashi, N. Wada, H. Murakami, K. Harada

Relapses in SSNS: Effect of Short Versus Long Initial Steroid Therapy and after Administration of Chlorambucil
I. Derkatch, M. Sekunda, A. Horhota, D. Kvit

Kidney Stones in Children: Our Experience
D. Shtiza, G. Montini, L. Murer, C. Carasi, W. Rigamonti, G. Zacchello

High-dose Mizoribine and Suplatast Tosilate Dimethylsulfonium for Intractable Nephrotic Syndrome

Study of Pediatric Systemic Lupus Erythematosus (SLE) Patients Treated Long-term with Cyclosporine A (CyA)
R. Hiramoto, S. Matsumoto, T. Nishimura, H. Eguchi, B. Akikusa, I. Komori

‘Renal Hypersensitivity’ to Inulin in an 11-Year-Old Boy with IgA Nephropathy
J. Bacchetta, F. Villard, T. Vial, L. Dubourg, R. Bouvier, P. Cochat

The Effects of Mutant Podocin on the Free Cytosolic Ca2+ and Apoptosis of Podocyte
Q. Fan, H. Zhang, Z. Yu, S. Liu, Y. Xing, D. Zhao, J. Ding

The Expression Analysis of Slit Diaphragm Associated Molecules and VEGF in Kidneys of Adriamycin-induced Nephrotic Rats
Y. Xing, Q. Fan, J. Ding

The Expression and Distribution of Ion Channel Protein TRPC6 in Kidney
Q. Fan, Y. Xing, S. Liu, J. Ding
476 (P) Nephromegaly in the Children with Kawasaki Disease: a New Supporting Evidence for Diagnosis
YK. Tsau, HP. Huang, YC. Lai, IJ. Tsai

477 (P) The Evaluation of Urine Macrophage Migration Inhibitory Factor in Children with Urinary Tract Infection

478 (P) Clinicopathologic Correlations of Renal Pathology in Iranian Children

479 (P) Early Postnatal Renal Growth in Premature Infants
HP. Huang, YC. Lai, IJ. Tsai, YK. Tsau

480 (P) Prohibitin Suppresses Renal Interstitial Fibroblasts Proliferation and Phenotypic Change Induced by Transforming Growth Factor-β1
W. Guo, H. Xu, FY. Huang, XL. Zha

481 (P) Efficiency of Urine Screening at School in Shanghai of China
Yh. Zhai, H. Xu, Gh. Zhu, Mj. Wei

482 (P) Expression of ANGPTL3 Associated with Renal Disease and Puromycin Induced Podocyte Damage
J. Rao, L. Sun, Wy. Huang, H. Xu

483 (P) Renal Biopsy in Lupus Children Patients: with Low Levels of Proteinuria
Hm. Liu, H. Xu, Lj. Zhou, L. Sun, Q. Cao, Q. Shen

484 (P) A Randomized Control Trial (RCT) Study of Biofeedback and DDAVP in Children with Primary Nocturnal Enuresis
QL. Wang, H. Xu, Yl. Bi, Q. Cao, Ss. Ruan

485 (P) A Thai Child with Non-parasitic Chyluria: an Unusual Pediatric Case
A. Pattaragarn, N. Densupsoontorn, A. Sumboonanonda, S. Supavekin, P. Sujijantararat

486 (P) Risk Factors of Reflux Nephropathy: a Multivariate Analysis

487 (P) Somatic Growth and Primay Vesicoureteral Reflux: a Multivariate Analysis
JM. Silva, J. Diniz, E. Lima, LS. Cardoso, M. Pimenta, M. Vasconcelos, A. Simoes e Silva, C. Soares, JL. Monteiro, E. Oliveira
X. Chen, T. Jia

489 (P) Congenital Nephrotic Syndrome. Outcome in Iranian Children

490 (P) Antiphospholipid Syndrome in Lupus Nephritis Children
VH. Tru, H. Nghia

491 (P) Value of Urine Osmolality in Evaluation of Hypercalciuria
M. Koyun, A. Gur Guven, H. Akbas, S. Akman, Y. Baysal

492 (P) Low Birth Weight in Children with Kidney Disease
M. Fonseca Leal, J. Borjas Garcia, A. Bravo Ramirez

493 (P) Microalbuminuria is a Predictor of Elevated Filtration Fraction in Children with Single Kidney
F. Cachat, G. Zeier, D. Mosig, B. Meyrat, P. Frey, E. Girardin

494 (P) Non-Parasitic Chyluria Presenting as Nephrotic Range Proteinuria in Non-endemic Area: Simple Tests in Differential Diagnosis
N. Goldraich, C. Pilla

495 (P) Therapeutic Effects of Low-density Lipoprotein Apheresis for a Patient with Drug-resistant Nephrotic Syndrome due to Focal Segmental Glomerulosclerosis with Mitochondrial Abnormality
T. Yokoyama, Y. Onodera

496 (P) Comparison of Iothalamate Measurement of Glomerular Filtration Rate vs. Estimated Glomerular Filtration Rate Using the Schwartz Formula in Children
M. Lascano, S. Worley, E. Poggio, D. Chand

497 (P) A 2-year, Prospective, Randomized, Multicenter Trial of Cyclosporine in Children with Frequently Relapsing Nephrotic Syndrome

498 (P) Pediatric Stone Disease in the First Year of Life: a Single Center Study

499 (P) Renal Involvement in Children with Glycogen Storage Disease
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>Neutrophil Activation, Protein Oxidation and Ceruloplasmin in Children with Henoch-Schönlein Purpura</td>
<td>A. Ece, S. Kelekci, A. Tas Hekimoglu, H. Kocamaz, H. Balik, I. Yolbas, O. Erel</td>
</tr>
<tr>
<td>501</td>
<td>Characteristics of Nephrotic Syndrome in Eastern India</td>
<td>S. Banerjee</td>
</tr>
<tr>
<td>502</td>
<td>The Initial Time to Remission after Steroid Treatment Predicts the Subsequent Course of Minimal Change Nephrotic Syndrome: a Retrospective Study</td>
<td>E. Moscaritolo, L. Massella, F. Emma</td>
</tr>
<tr>
<td>503</td>
<td>Relationship between Desmopressin Therapy and Osmolality of the First Morning Urine in Primary Nocturnal Enuresis (PNE)</td>
<td>J. Resic, M. Saraga, D. Kosuljandic-Vukic</td>
</tr>
<tr>
<td>504</td>
<td>Clinical Course and Outcome of Primary Vescoureteric Reflux Presenting with Antenatal Hydronephrosis</td>
<td>YH. Ng, KL. Chan</td>
</tr>
<tr>
<td>505</td>
<td>Idiopathic Loin Pain Hematuria Syndrome in Childhood, Successfully Treated with Autotransplantation. A Case Report</td>
<td>T. Neveus, G. Läckgren, J. Wahlberg, N. Wahlin</td>
</tr>
<tr>
<td>506</td>
<td>Psychological Determinants of Enuresis Treatment Influence Short and Long-term Treatment Results</td>
<td>J. Van der Deure, A. Ockhuijsen, M. Sondaar</td>
</tr>
<tr>
<td>507</td>
<td>A New Litholitic Therapy for Nephrolitiasis in Children</td>
<td>T. Papalia, R. Greco, R. Bonofiglio</td>
</tr>
<tr>
<td>509</td>
<td>The Distribution of Kidney Function Estimated by Isotopic Studies with 99Tc Mercaptoacetylglycine (MAG3) and Renal Ultrasound. A Comparative Retrospective Study</td>
<td>D. Weitzel, C. Schäfer, K. Hohenfellner, U. Pfeffer, M. Neukirch</td>
</tr>
<tr>
<td>510</td>
<td>Childhood Incontinence: from the View of the Nephrologist</td>
<td>Z. Ozcakar, H. Ergün, B. Altas, M. Ekim, F. Yalcinkaya</td>
</tr>
</tbody>
</table>
512 (P)  Urinary Uric Acid/Creatinine Ration in Healthy Turkish Children  

513 (P)  Antibacterial Properties of Urine in Children with the Urinary Tract Infection  
M. Vostrikova, V. Gritsenko, A. Vyalkova, E. Danilova, I. Zorin, A. Karpov

514 (P)  The Evolution of the Alport Syndrome in Brazilian Children  
V. Belangero, L. Prates, A. Britto, A. Ribeiro Alves, S. Rigatto, M. Barison

515 (P)  Hyperphosphatemia Secondary to Liposomal Amphotericin in Two Children with Leukemia  
G. Benoit, MJ. Clermont, D. Serraz, AL. Lapeyraque

516 (P)  Treatment Results in Children with Vesicoureteric Reflux  
M. Lilova, V. Bocova, E. Kostadinova

517 (P)  Clinical Features of Nephrolitiasis in Children at Dr. Soetomo Hospital  
N. Asmaningsih Soemyarso, M. Noer

518 (P)  Treatment and Renal Outcome of Lupus Nephritis: an Experience in Shanghai  
L. Sun, H. Xu

519 (P)  Methylenetetrahydrofolate Reductase C677T Polymorphism in Patients with Henoch-Schönlein Purpura  
S. Emre, A. Sirin, A. Ergen, I. Bilge, A. Sucu, A. Yilmaz, T. Isbir

520 (P)  Etiology and Clinical Picture of Henoch-Schönlein Prupura (HSP) in a Prospective Study of 220 Children  

521 (P)  Histopathologic Spectrum of Renal Parenchymal Diseases in Pakistani Children  
A. Lanewala, S. Hashmat, M. Mubarak, F. Amanullah, S. Hashmi, S. Akhtar, S. Naqvi, S. Rizvi

522 (P)  Lipid Rafts Organisation in Parietal Epithelial Cells – Caveolin-1 Related Study in Childhood Glomerulopathies and Animal Model  
D. Ostalska-Nowicka, M. Nowicki, J. Zachwieja, A. Siwinska

523 (P)  Nitrogen Balance in Children with Chronic Renal Insufficiency  
C. Fernandez, T. Navarro, M. Lama, L. Morais, A. Codoceo, M. Alonso

524 (P)  Rare Cause of Subvesical Stenosis: Juvenile Xanthogranuloma  
V. Sümegi, I. Haszon, L. Tiszlavicz, S. Túri

525 (P)  The Link between ESRD and Learning Disabilities  
M. Molnár-Varga, B. Pászthy, G. S. Reusz, P. Sallay, M. Novák
526 (P) IgM(+) Nephropathy: a Steroid Resistant Nephrotic Syndrome Responsive to Cyclosporin
S. Swartz, D. Feig

527 (P) Urine Examination Using X-ray Diffractometry
V. Madai, C. Ormay, L. Szabó

528 (P) Drug Intake in the Background of Sudden Death?
C. Ormay, V. Madai, L. Szabó

529 (P) The Characteristic of Parameters of Intrarenal Haemodynamics Determined by Color Doppler Ultrasound in Children with Nephrolithiasis
E. Pavlovskaya, A. Vyalkova, I. Zorin, L. Vanyushina

530 (P) Correlates of Microalbuminuria in Children with Sickle Cell Disease
A. Saha, G. Subramanian, P. Batra, P. Chaturvedi, N. Tyagi

531 (P) Comparing Desmopressin, Alarm and Combined Treatments in Nocturnal Enuretic Children
M. Bak, E. Serdaroglu, Y. Bicilioglu

532 (P) Do Urine Collection Pads Give Reliable Results for Routine and Metabolic Biochemistry Tests in Pediatric Urine?
P. Crofton, N. Squiress, P. Henderson, S. Taheri

533 (P) Measurement of Renal Function with Three Methods in Children Undergoing Bone Marrow Transplantation: is Cystatin C Useable?
A. Gur Guven, V. Hazar, F. Gungor, O. Ag, H. Akbas, G. Tezcan, S. Akmans, A. Yesilipek

534 (P) Estimated Glomerular Filtration Rate (eGFR) in Children
C. Booth, C. Turner, R. Dalton

535 (P) Symmetric Dimethylarginine (SDMA) is an Endogenous Marker of Glomerular Filtration Rate (GFR) in Children

536 (P) An Unsolved Case of Thrombotic Microangiopathy
L. Teskey, A. Waters, C. Licht, D. Hebert

537 (P) Long Term Follow-up of Renal Functions Following Liver Transplantation in Patients with Wilson’s Disease
E. Baskin, U. Bayrakci, F. Ozçay, H. Karakayali, H. Sakalli, O. Canan, M. Haberal

538 (P) Cognitive Development in Children with Chronic Renal Disease
J. Rosenkranz, E. Haffner, S. Kafka, R. Büscher, K. Bonzel, B. Hoppe, F. S. Schäfer
539 (P) Subcapsular Urinoma with Glomerulonephritis in a Girl
N. Guan, Y. Chen, HJ. Xiao, J. Ding, JY. Yang

540 (P) Predicting Factors of Success of a Training Program in Children with Dysfunctional Elimination Syndrome (DES): a Multivariate Analysis
M. Vasconcelos, E. Lima, E. Oliveira, M. Filgueiras, R. Vasconcelos, E. Colozimo

541 (P) Therapeutic Drug Monitoring (TDM) of Mycophenolate-mofetil (MMF) and Mycophenolate Sodic (CS-MPS) in Children with Cortico-dependent Nephrotic Syndrome (CDNS) and Lupus Nephritis (LN)

542 (P) Cobalamin Deficiency as Thrombotic Microangiopathy and Bovine Maculopathy – Pathogenetic Role for Complement Factor H?
R. Krishnan, D. Geary, A. Feigenbaum, E. Heon, C. Licht

543 (P) Vesicoureteral Reflux in Patients with Lower Urinary Tract Dysfunction
E. Demirkaya, R. Topaloglu, E. Özden, F. Çanakli, S. Tekgül, A. Bakkaloglu

544 (P) Effects of Pentoxifylline in Gentamicin Induced Nephrotoxicity in Rats
B. Kasap, M. Türkmen, M. Kiray, F. Kuralay, A. Soylu, K. Tugyan, S. Kavukcu

545 (P) Increasing Functional Bladder Capacity in Monosymptomatic Nocturnal Enuresis? A Randomized Controlled Trial in 149 Pre-pubertal Children
K. Van Hoeck, A. Bael, H. Hirche, H. Lax, J. Van Gool, D. Trouet

546 (P) A Pilot Study to Investigate the Relationship between Symmetric Dimethylarginine and Glomerular Filtration Rate in Children with Sickle Cell Disease

547 (P) Lower Urinary Tract Dysfunction in Children and Adolescents – Risk Factors for Renal Scarring

548 (P) Pharmacodynamic Characteristics of dDAVP Play a Role in Partial Response of Patients with Monosymptomatic Enuresis Nocturna (MNE)

549 (P) Insulin Dependent Diabetes Mellitus after HUS – a Case Report
M. Schmidts, C. Schnakenburg, K. Häffner, C. Jacobi, K. Schwab, M. Pohl

550 (P) Intravenous Pulsed Cyclophosphamide versus Vincristine Therapy in Steroid Dependant Nephrotic Syndrome: a Randomised Controlled Trial
A. Abeyagunawardena
551 (P)  Fanconi-Bickel Syndrome (FBS) in an Adolescent with Mosaicism 45X/46XX  
E. Urdaneta-Carruyo, Y. Rodriguez-Sanchez, A. Méndez-Parra, G. DiSalvo,  
A. Urdaneta-Contreras, J. Dorta

552 (P)  Cystatin C as a Marker of GFR in Different Renal Disorders  
U. Berg, R. Bäck

553 (P)  A Novel ROMK Mutation in a Child Presenting with Bartter Syndrome Type 2  
M. Mallik, L. Conwell, D. Bichet, E. Sochett, D. Hebert

554 (P)  Complete Remission of Hodgkin Disease-associated Steroid Resistant Nephrotic Syndrome with Focal Segmental Glomerulosclerosis  
F. Paglialonga, S. Testa, G. Cefalo, M. Terenziani, S. Catania, A. Edefonti, G. Ardissino

555 (P)  Renal Function and Blood Pressure Profile in Sickle Cell Congolese Children  
M. Ntetani, M. Makwala, E. Katwakani, M. Mangani

556 (P)  Interventions for Haemolytic Uraemic Syndrome and Thrombotic Thrombocytopenic Purpura: a Systematic Review of Randomised Controlled Trials  
M. Michael, G. Ridley, E. Hodson, J. Craig, E. Elliot

557 (P)  Evaluation of Response of Pediatric Urolithiasis to Citrate Solution  
M. Sharifian, M. Barangi, P. Aghasi, M. Mohkam, R. Darirani

558 (P)  Telepathology: a Collaborative Project between the Academic Medical Centre (AMC) of Amsterdam and the Cuban Societies of Adult and Pediatric Nephrology  
JC. Davin, J. Davalos, J. Florin, J. Weening

[[Acute and Chronic Renal Failure 1-2.]]

559 (P)  The Nephroprotective Effects of Subcapsular Transplantation of Metanephric Mesenchymal Cells on Gentamicin-induced Acute Tubular Necrosis Rats  
ZW. Yi, D. Chen, XH. Liu, XC. Wu, XQ. Dang, QN. He, XJ. He, SH. Mo

560 (P)  Effect of Stem Cell Factor and GM-CSF-induced Bone Marrow Stem Cell Mobilization on Recovery from Acute Tubular Necrosis (ATN) in Rats  
ZW. Yi, HT. Bai, XJ. He, SH. Mo

561 (P)  Effect of Hyperparathyroidism on Response to Erythropoietin in Children with CRF  
M. Zahrane, A. Khawaga, A. Ayad, H. Sharaf el Din

562 (P)  Childhood Chronic Renal Failure in the Developing Country  
P. Vachvanichsanongs, P. Dissaneewate, E. McNeil
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>563</td>
<td>Renoprotective Effect of Pravastatin against Cisplatin-induced Nephrotoxicity in Rats</td>
<td>M. Fujieda, K. Naruse, T. Morita, J. Arai, T. Yokoyama, T. Touma, K. Ohta, H. Wakiguchi</td>
</tr>
<tr>
<td>565</td>
<td>Cinacalcet is Effective in the Treatment of Refractory Secondary Hyperparathyroidism in Children with Chronic Renal Failure</td>
<td>YS. Park, JH. Lee</td>
</tr>
<tr>
<td>568</td>
<td>The Calcium Phosphate Metabolism in Uremic and Renal Transplanted Children</td>
<td>D. Pászka, A. Szabó, É. Kis, O. Cseprekál, Zs. Horváth, G. Katona, A. Szabó, G. S. Reusz</td>
</tr>
<tr>
<td>569</td>
<td>Calcium Deposition in the Tubules of Nephrotic Syndrome with Acute Renal Failure</td>
<td>I. Kamimaki, K. Ishikura, H. Hataya, Y. Hamasaki, M. Ikeda, Y. Morikawa, S. Kawamura, M. Honda</td>
</tr>
<tr>
<td>570</td>
<td>N-Terminal Pro-B-Type Natriuretic Peptide in Salt Wasting and Non-salt Wasting Chronic Kidney Disease. Is it Responsible for the Natriuresis?</td>
<td>YC. Lai, HP. Huang, IJ. Tsai, YK. Tsau</td>
</tr>
<tr>
<td>571</td>
<td>Acute Renal Failure Induced by Topical Treatment of Periungeal Warts with Cidofovir</td>
<td>L. Dedeken, C. Dangoisse, B. Adams, F. Janssen, K. Ismaili, M. Hall</td>
</tr>
<tr>
<td>573</td>
<td>Clinical Course of 108 Children with Chronic Kidney Disease in a Pre-dialysis Program</td>
<td>C. Soares, J. Diniz, E. Lima, G. Oliveira, C. Camargos, B. Sousa, E. Oliveira</td>
</tr>
</tbody>
</table>

Acute and Chronic Renal Failure 1-2.
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>574</td>
<td>Proteinurin in Mild to Moderate Chronic Kidney Disease: Preliminary Results from the CKiD Cohort Study</td>
<td>C. Wong, S. Cole, C. Pierce, B. A. Warady, R. Mak, F. Kaskel, S. Furth, G. Schwartz</td>
</tr>
<tr>
<td>575</td>
<td>Study of Chronic Renal Failure in Children</td>
<td>D. Huiying</td>
</tr>
<tr>
<td>577</td>
<td>Clinical Presentation of Infantile Oxalosis</td>
<td>G. Demircin, O. Erdoan, S. Baysun, M. Bulbul, A. Oksal, A. Onur</td>
</tr>
<tr>
<td>579</td>
<td>Clinical and Pathological Analysis of 3 Children with Aristolochic Acid Nephropathy and Review of the Literatures</td>
<td>Y. Zhang, Y. Yao, JP. Huang, JC. Liu, HJ. Xiao, JY. Yang</td>
</tr>
<tr>
<td>580</td>
<td>A Case Report of Pure Red Cell Aplasia Following Recombinant Human Erythropoietin Treatment and Literatures Review</td>
<td>Y. Zhang, HJ. Xiao, Y. Chen, JP. Huang, JY. Yang</td>
</tr>
<tr>
<td>581</td>
<td>Pulse Pressure is More Predictive than Ambulatory Arterial Stiffness Index of Left Ventricular Geometry in Children with Chronic Renal Failure</td>
<td>M. Zaniew, B. Mroziński, A. Warzywoda, E. Stefi, A. Siwińska, Z. Zachwieja</td>
</tr>
<tr>
<td>583</td>
<td>Sympathetic Activity in Children with Mild Renal Failure Caused by Chronic Pyelonephritis</td>
<td>O. Akchurin</td>
</tr>
<tr>
<td>584</td>
<td>Left Ventricular Geometry in Pediatric Patients with Chronic Kidney Disease</td>
<td>L. Sylvestre, E. Pellissari, R. Meneses, R. Pecoits-Filho</td>
</tr>
<tr>
<td>585</td>
<td>Preventable Etiologies of Chronic Renal Insufficiency in Turkey and Effect to Morbidity</td>
<td>K. Bek, S. Akman, I. Bilge, R. Topaloglu, O. Soylemezoglu, S. Çalışkan, H. Peru, N. Cengiz</td>
</tr>
<tr>
<td>586</td>
<td>Renal Dysplasia due to Twin to Twin Transfusion Syndrome is a Poorly Recognised Cause of Chronic Renal Failure</td>
<td>D. Wood, A. R. Watson, M. Christian</td>
</tr>
</tbody>
</table>
587 (P) The Effect of Shiga-like Toxin on Heparan Sulphate Proteoglycans on Human Endothelial Cells
J. Geelen, F. Valsecchi, T. Van der Velden, A. Rops, J. Van der Vlag, B. Van der Heuvel, L. Monnens, M. Morigi

588 (P) Predictive Factors of Progression to Chronic Kidney Disease Stage 5 in a Pre-dialysis Interdisciplinary Program

589 (P) Idiopathic Haemolytic Uraemic Syndrome: Report of 3 Cases
M. Mumany, E. Guijarro, L. Lara, M. Madrid, V. Vilalta, N. Nieto

590 (P) Renal Functions after Allogeneic Hematopoietic Stem Cell Transplantation in Children
T. Ileri, M. Ertem, ZB. Ozçakar, F. Azik, F. Citak, E. Unal, A. Sayılı, M. Ekim, Z. Uysal, F. Yalçinkaya

591 (P) Evolution of Renal Function in Children Diagnosed in their First Year of Life
C. Fernandez, T. Navarro, R. Espinosa, C. Pena

592 (P) Tissue Plasminogen Activator-Antibiotic Locks as Prophylaxis for Catheter-Related Bacteremia
G. Zilleruelo, AM. Onder, J. Chandar, O. Nwobi, C. Abitbol

593 (P) Chronic Renal Failure in Sudanese Children, Aetiology and Outcome
E. Ali, M. Abdelraheem, R. Mohamed, A. R. Watson

594 (P) Coagulation Disorder Mimicking Hemolytic and Uremic Syndrome (HUS)
M. Afanetti, D. Dupont, A. Deville, C. Soler, MC. Thouret, E. Berard

595 (P) Standard Biochemical and Clinical Indices Correlate with the Anthropometry-bioimpedance Analysis (BIA) Nutrition Score and Malnutrition in Children with Chronic Renal Insufficiency (CKD 2-4)

596 (P) Improvement of Renal Function with Weekly Plasma Infusions in a Child with Atypical Hemolytic Uremic Syndrome (HUS) and CKD Stage 4
F. Paglialonga, S. Testa, G. Ardissino, A. Edefonti

597 (P) Acute, Reversible Non-oliguric Renal Failure in Two Children Associated with Analgesic-antipyretic Drugs
O. Surmeli Onay, H. Sakalli Erçoban, U. Bayrakci, E. Melek, N. Cengiz, E. Baskin

598 (P) Cardiac Sympathetic Dysautonomia in Children with CRD
E. Lima, V. Parisotto, J. Silva, A. Ribeiro
599 (P) Pediatric Hyperglycemic Hyperosmolar Coma in Diarrhea Associated Hemolytic and Uremic Syndrome (D+HUS)
T. Kwon, MA. Macher, S. Ajzenfish, S. Dauger, A. Garnier, V. Baudouin, G. Deschenes, C. Loirat

600 (P) Adrenocortical Functions in Children with Chronic Renal Failure

Urinary Tract Infection; Renal Replacement Therapy

601 (P) Frequency of Recurrent Urinary Tract Infection and Side Effects of OM-89 and Nitrofurantion in Children with Urinary Tract Abnormalities in a Randomized Trial: a Pilot Study

602 (P) Prevalence of Urinary BK Virus and JC Virus in Patients with Renal Transplantation
M. Hattori, K. Maekawa, J. Sawaki, C. Takahashi, H. Mae, N. Ayabe, T. Tanizawa, A. Gotoh

603 (P) Frequency of Spina Bifida Occulta in Children with Urinary Tract Infection
F. Hallaji, N. Hooman, P. Alipour, H. Otukesh

604 (P) Interleukin-6 and Interleukin-8 Levels in the Urine of Children with Renal Scarring
V. Tramma, K. Hatzistylianou, N. Gerasimou, K. Aggouridaki

605 (P) Conversion from Mycophenolate Mofetil to Delayed Formulation: Higher Mycophenolic Acid Trough Level but no Changes in the Immune Response
J. Ferraris, M. Tambutti, R. Cardoni, M. Grosman, N. Prigoshin

606 (P) Evaluation of a Program of Chronic Ambulatory Peritoneal Dialysis (CAPD) in Children
RE. Munarriz, JU. Arakaki, CE. Munarriz

607 (P) Is Repeated Urine Culture Essential after Antibiotic Therapy in UTI in Thai Children?
N. Nuttasit, P. Dissaneewate, E. McNeil, P. Vachvanichsanong

608 (P) Sign of Scarring during Remission of Obstructive Pyelonephritis
F. Rusnak, N. Zaikova, V. Trenev

609 (P) Pediatric Kidney Transplantation in Thailand: Experience of a Developing Country
A. Sumboonnanonda, A. Lumpaopong, P. Kingwatanakul, K. Tangnaratrachakit, A. Jiravuttipong

610 (P) Psycho-social Status of Children on Regular Dialysis and Considerations about their Care in Croatia
611 (P) Posttransplant Lymphoproliferative Disorder in Patient with Frasier Syndrome  
B. Spasojevic-Dimitrijeva, M. Kostic, A. Peco-Antic, D. Kruscic, D. Paripovic, M. Kostic, I. Boricic

612 (P) Renal Transplantation at the University Children’s Hospital of Belgrade – Five Years Experiences  
M. Kostic, B. Spasojevic, A. Peco-Antic, D. Kruscic, D. Paripovic, Z. Krstic

613 (P) Change of Lactobacillus Colony Forming Units in Infants with Urinary Tract Infection  
J. Lee, Y. Shim, S. Lee

614 (P) Electrolyte Imbalances in Pediatric Living-Related Small Bowel Transplantation: Intestinal Versus Renal Losses  
U. Beier, S. Samuel, V. Mathew, J. Oberholzer, E. Benedetti, B. Kaplan, E. John

615 (P) Urinary C-reactive Protein in Children with Urinary Tract Infection  
I. Preda, U. Jodal, M. Hahn-Zoric, L. Hanson, S. Hansson

616 (P) Tumor Necrosis Factor-α and Transforming Growth Factor-β in Infants with Urinary Tract Infection  
S. Paunova, A. Kucherenko, I. Smirnov, G. Serova, I. Donin, L. Revenkova, N. Goltsova

617 (P) Diagnostic Potential of Urinary N-acetyl-beta-D-glucosaminidase in Children with Acute Pyelonephritis with and without Urological Diseases  

618 (P) Combined Liver-Kidney Transplanted Three Cases with Primary Hyperoxaluria  
S. Kavukcu, M. Türkmen, A. Soylu, B. Kasap, Y. Oztürk, S. Karademir, S. Bora, I. Astarcioglu, H. Gülay

619 (P) Tenascin and Tissue Plasminogen Activator Inhibitor-1 Expression in Experimental Pyelonephritis  
N. Biyikli, F. Cakalagaoglu, H. Tugtepe, A. Ilki, H. Alpay

620 (P) Urinary Beta 2-Microglobulin as a Prognostic Marker in Pyelonephritis in Children  
M. Sharifian, R. Dalirani, M. Mohkam, M. Akbarian

621 (P) Correlation of Chronic Allograft Nephropathy and Dyslipidemia  
E. Valavi, H. Otookeh

622 (P) Outcome of Pediatric Renal Transplantation. A Single Centre 10-Year Experience  
N. Printza, F. Papachristou, G. Vergoulas, A. Mitsioni, E. Georgaki, D. Takoudas, A. Antoniadis

623 (P) Risk of Urinary Tract Infection in Infants who have Hydronephrosis or Hydrourteronephrosis without Vesicoureteral Reflux  
JH. Lee, HS. Choi, YS. Park
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>624</td>
<td>CRRT in Critically Ill Children</td>
<td>M. Hladik, T. Zaoral</td>
</tr>
<tr>
<td>626</td>
<td>Hemodialysis for Acute Isoniazid Poisoning: a Case Report</td>
<td>A. Delibas, AE. Arslanköylü, O. Kursel, Ç. Okuyaz</td>
</tr>
<tr>
<td>627</td>
<td>Analysis of Treatment with Plasmapharesis Results in Dialysis Unit of Children’s University Hospital of Cracow in 1996-2006</td>
<td>K. Zachwieja, M. Miklaszewska, J. Pietrzyk, D. Drozdz, T. Smolnik</td>
</tr>
<tr>
<td>628</td>
<td>Urinary Tract Infection in Infants</td>
<td>A. Tumelero, D. Malheiro, J. Antonello, A. Oliveira, A. Bezerra, V. Bittencourt, C. Garcia</td>
</tr>
<tr>
<td>629</td>
<td>Can we Predict Vesicoureteral Reflux (VUR) by Dimercaptosuccinic Acid (DMSA) Scan Instead of Voiding Cystourethrography (VCU)?</td>
<td>SB. Han, DC. Jeong, JS. Kim</td>
</tr>
<tr>
<td>630</td>
<td>Renal Replacement Therapy in Cuba: a Comparison with the Netherlands</td>
<td>JC. Davin, J. Fiorin</td>
</tr>
<tr>
<td>632</td>
<td>Sirolimus in Rescue of Chronic Allograft Nephropathy in Children: Inhibition of Proliferation Added to Less Anticalcineurinic Toxicity</td>
<td>R. Vilalta, E. Lara, A. Madrid, S. Chocron, J. Nieto</td>
</tr>
<tr>
<td>634</td>
<td>Abnormal Lipid Profile in Children with End Stage Renal Disease or Renal Transplantation</td>
<td>N. Printza, Ch. Goga, A. Bouda, M. Stamou, F. Papachristou</td>
</tr>
<tr>
<td>635</td>
<td>Comparison of Clinical Parameters and Adequacy to the DOQI in Children with Different Times of Peritoneal Dialysis</td>
<td>V. Belangero, R. Gonçalves, S. Rigatto</td>
</tr>
</tbody>
</table>

**Urinary Tract Infection; Renal Replacement Therapy**
636 (P) Lethal Risk Factors in Pediatric Patients with End Stage Renal Disease (ESRD)

637 (P) The Peritoneal Equilibration Test and Results Analysis in Children with CAPD
Y. Yao, Y. Chen, JY. Yang, JP. Huang, HJ. Xiao

638 (P) The Impact of Verapamil on Cyclosprine Based Immunosuppression in Pediatric Renal Allograft Recipients: Investigation of Peripheral Blood Bone and Protein Profiles

639 (P) Effects of Demographic Characteristics and Medical Care before Starting Dialysis on Anemia Management in Incident Pediatric Dialysis Patients
D. Chand, M. Brier, C. Strife

640 (P) ESRD in Children in Belarus: the Period of the Last 10 Years
S. Baiko, A. Soukalo

641 (P) Effects of Demographic Characteristics and Medical Care before Starting Hemodialysis on Vascular Access in Incident Pediatric Hemodialysis Patients
D. Chand, M. Brier, C. Strife

642 (P) The Incidence of Recurrent Urinary Tract Infection and Risk Factors in Infants with Normal Urinary Tract
YH. Shim, SJ. Lee

643 (P) Relationship of Peritoneal Solute Transport Rate with VEGF and VEGF-C in Children Undergoing Peritoneal Dialysis
KH. Paik, SJ. Kim, YJ. Oh, DK. Jin

644 (P) Treatment with Sirolimus after Isolated Kidney Transplantation – a Risk-Benefit Analysis
M. Feldkötter, L. Stapenhorst, B. Beck, U. Bangen, B. Hoppe

645 (P) Haemodialysis in Children Weighing Less Than 15 kg: a Single Center Experience
Y. Kovalski, R. Cleper, I. Krause, M. Davidovits

646 (P) The Importance of Antibiotic Prophylaxis in Management of VUR
O. Yavascan, S. Mir, F. Mutlubas, A. Keskinoğlu, E. Yılmaz, I. Bulut, A. Anik

647 (P) Maintenance Intravenous Sodium Ferric Gluconate Complex Therapy in Pediatric Patients on Hemodialysis
D. Paripovic, A. Peco-Antic, M. Kostic, D. Krušćić, B. Spasojević

Urinary Tract Infection; Renal Replacement Therapy
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>648</td>
<td>The Results of Hepatitis B Vaccination in Patients with End Stage Renal Disease on Renal Replacement Therapy</td>
<td>A. Kanatbayeva, S. Dikanbayeva, G. Chingayeva, A. Naushabayeva, A. Shepetov, K. Kabulbayev, N. Nigmatullina, N. Mustapayeva</td>
</tr>
<tr>
<td>649</td>
<td>Educational Multidisciplinary Program in the Non-adherence of the Imunosuppressive Treatment in Pediatric Renal Transplant Recipients</td>
<td>A. Delucchi, H. Gutierrez, M. Meneses, C. Slater, P. Arrellano, I. Lopez</td>
</tr>
<tr>
<td>650</td>
<td>Infantile Peritoneal Dialysis: One Center Experience</td>
<td>R. Cleper, I. Krause, Y. Kovalski, M. Davidovits</td>
</tr>
<tr>
<td>651</td>
<td>Hyperlipidemia in Renal Transplant Patients at Red Cross Hospital</td>
<td>H. Twahir</td>
</tr>
<tr>
<td>652</td>
<td>Clinical Importance of Tc-99M-DMSA Scans in Pediatric Urinary Tract Infection</td>
<td>O. Ogrendil, G. Tugrul, S. Gokalp, D. Aksoy, I. Bilge, S. Emre, C. Turkmen, A. Mudun, A. Sirin</td>
</tr>
<tr>
<td>653</td>
<td>Late Urinary Tract Infection among Children with Normal Allograft Function</td>
<td>N. Derakhshan, A. Derakhshan, M. Basiratnia, MH. Fallahzadeh, D. Derakhshan, F. Dareshorzadeh</td>
</tr>
<tr>
<td>655</td>
<td>Renal Replacement Therapy (RRT), Measures and Outcomes in Human Immunodeficiency Virus Associated Nephropathy (HIVAN)</td>
<td>R. Gordillo, M. Del Rio, J. Flynn, R. Woroniecki</td>
</tr>
<tr>
<td>657</td>
<td>Early DMSA Scintigraphy Findings in Children with Febrile Urinary Tract Infection, in Relation to the Presence of VUR</td>
<td>M. Shimoda, E. Kikuchi, E. Tanaka, K. Kamei</td>
</tr>
</tbody>
</table>
660 (P) The Cardiovascular Risk Factors in Children with Renal Failure; Homocysteine, Lipoprotein (a), Dyslipidemia, Folic Acid, B6, B12, CRP, and Fibrinogen

661 (P) The Role of Bioimpedance Vector Analysis in Assessment of the Dry Weight in Children and Young Adults on Hemodialysis
F. Paglialonga, A. Edefonti, S. Testa, G. Ardissino, S. Loi

662 (P) Treatment of Chronic Humoral Rejection in Pediatric Renal Transplant Recipients with IVIG and Rituximab
H. Billing, R. Rieger, S. Susal, R. Waldherr, B. Toenshoff

663 (P) Chlamydia Trachomatis Infection in Infants with Urinary Tract Disorders

664 (P) CRP as a Possible Marker of Cardiac Abnormality in Pediatric Patients on Regular Hemodialysis Therapy due to End Stage Renal Disease
MS. Kasem, N. Mamdouh, S. El Sayed

665 (P) Substitution Effect of Probiotics in the High Risk Group of Recurrent Urinary Tract Infection; Prospective Study
IS. Lim, HS. Lee, DW. Kim, WH. Choi

666 (P) Renal Insufficiency Therapy in Children: Quality Assessment and Improvement: the RICH Q Study
W. Tromp, E. Boesschoten, M. Offringa, J. Groothoff

667 (P) Renal Transplantation in Children with Lower Urinary Tract Dysfunction of Different Origin: a Single Centre Experience
Y. Bilginer, F. Aki, R. Topaloglu, M. Bakkaloglu, A. Duzova, N. Besbas, S. Ozen, S. Tekgul, A. Bakkaloglu

668 (P) Long-term Outcome of Children in Peritoneal Dialysis Program
R. Meneses, L. Sylvestre, J. Sousa, D. Ribeiro

669 (P) Outcome of Primary Glomerular Disease in Pediatric Transplantation: a Single Centre Experience
Y. Bilginer, R. Topaloglu, F. Aki, I. Erkan, F. Ozaltin, N. Besbas, S. Ozen, A. Bakkaloglu

670 (P) Tinzaparin (INNOHEP) is Safe and Effective in Managing Central Venous Line (CVL) Thrombosis in Pediatric Hemodialysis Patients
A. Awan, D. Noone, S. Gerahty, M. O’Connell
671 (P) Skin Involvement in Factor H Deficiency Hemolytic Uremic Syndrome

672 (P) Bioimpedence-based rather than Weight-based Ultrafiltration Prescription for Infants on Maintenance Hemodialysis
M. Belingheri, S. Cristino, P. Basile, V. Bianchi, A. Leoni, S. Testa, L. Ghio, A. Edefonti, G. Ardissino

673 (P) The Screening of Urinary Tract Infection in Children Ages between 0-2 Years in Izmir Turkey
E. Serdaroglu, N. Aksu, O. Kara, M. Bak, M. Ozkan, N. Nohutcu, S. Gonenc, S. Ar

674 (P) Dysequilibrium Syndrome (DS) in Children after Pre-Emptive Live Donor Renal Transplantation (PELDRT)
R. Vandevoorde, G. Tiao, C. Sheldon, F. Strife, J. Goebel

675 (P) Peritonitis in a Single Center – 6 Years Series
L. Sylvestre, D. Ribeiro, G. Peracchi, A. Ponath, R. Meneses

676 (P) Persistence of Sleep Disturbances (SD) in Pediatric (P) Renal (R) Transplant (Tx) Recipients
D. Davis, J. Emancipator, X. Zhu, C. Rosen

Transplantation

677 (P) The Levels of C0 and C2 in Survilance of Renal Transplanted Children
Z. Bazargani, A. Derakhshan, M. Basiratnia, G. Hoseinialhashemi, M. Fallahzadeh, H. Jalaeian

678 (P) MMF Use in Chronic Allograft Nephopathy: a Pediatric Centre Experience
L. Kerecuk, J. Taylor

679 (P) Renal Dysfunction after Liver Transplantation in Iranian Recipients

680 (P) Admition in the Pediatric ICU a Pediatric Patient Post Kidney Transplant
S. Egman

681 (P) Pulse Wave Velocity in Transplanted Children
G. Katona, Zs. Horváth, E. Kis, O. Csepekál, D. Pászka, A. Szabó, B. Fekete, G. S. Reusz

682 (P) Kidney Transplantation in a Neglected Case of Bartter Syndrome
D. Derakhshan, H. Jalaeian, A. Derakhshan
683 (P)  Obesity and Allograft Function in Pediatric Renal Transplantation
H. Jalaeian, A. Derakhshan, D. Derakhshan, M. Fallahzadeh, Z. Bazargani, M. Basiratnia

684 (P)  Tuberculosis in Iranian Pediatric Kidney Transplant Recipients
D. Derakhshan, H. Jalaeian, A. Derakhshan, B. Sabet, M. Fallahzadeh

685 (P)  A Pediatric Renal Transplantation Project: Experience in Shanghai of China
H. Xu, Q. Shen, Ss. Ruan, Yl. Bi, Yq. Lu, X. Wang

686 (P)  C0-C2 AUC Monitoring of Cyclosporine Therapy in Pediatric Renal Transplantation Patients
H. Bunker-Wiersma, JC. Davin, R. Koopmans, J. Groothoff, A. Bouts, H. Van Kan

687 (P)  Evaluation of Reproductive Functions in Male Adolescences after Kidney Transplantation
Y. Baysal, M. Koyun, S. Akman, A. Gur Guven, M. Usta

688 (P)  Re-exposure to Basiliximab in the Treatment of Chronic Allograft Nephropathy (CAN) in Children is Safe and Possibly Useful
R. Vilalta, J. Nieto, E. Lara, A. Madrid, S. Chocron

689 (P)  Efficient Age-related Dose of Sirolimus in Pediatric Renal Transplantation
R. Vilalta, E. Lara, A. Madrid, S. Chocron, J. Nieto

690 (P)  Posttransplant ‘De Novo’ Diabetes Mellitus (PTDM) in Renal Transplant (NTx) Children

691 (P)  The Role of BNP in Assessment of Children with Chronic Renal Failure (CRF) and after Renal Transplantation (NTx)
K. Gál, B. Schäfer, A. Prokai, Z. Horváth, T. Tulassay, G. S. Reusz, A. Szabó

692 (P)  348 Pediatric Renal Transplantation – Single Center Experience
C. Garcia, V. Bittencourt, S. Vitola, E. Didone, E. Guerra, F. Pires, A. Turnelero, D. Malheiros, V. Garcia

693 (P)  Chronic Kidney Disease (CKD) Complications in Children Post Renal Transplantation
J. Feber, P. Geier, B. Chaudry, H. Wong, G. Filler

694 (P)  Analysis of Predisposing Factors for Surgical Complications in Pediatric Renal Transplantation: a Seven Year Single Centre Experience
A. Al Midani, G. Koffman, J. John, S. Stephen, S. Suzanne, R. Lord
695 (P)  First Demonstration of the Association between FOXP3 and TGF-β1 in Pediatric Renal Transplant Recipients
M. Medeiros, V. Sharma, R. Ding, S. Valverde, AM. Hernández, P. García, Y. Fuentes, M. Suthanthiran

696 (P)  Long-term Outcome of Kidney Transplantation in Chronic Hepatitis B Carriers on Lamivudine Treatment
SC. Lau, WM. Lai, MC. Chiu, PC. Tong, KC. Tse

697 (P)  Lower Tacrolimus Bioavailability in Mexican vs. African, American and Caucasian Renal Transplant Children
H. Reyes, A. Hernandez, S. Valverde, G. Sosa, G. Varela, H. Jung, M. Medeiros

698 (P)  Infectious Complications of Chinese Pediatric Renal Transplant Recipients
WM. Lai, SC. Lau, PC. Tong, KC. Tse, MC. Chiu

699 (P)  Conversion to Mycophenolate-Mofetil (MMF): a Usefull Strategy for Recalcitrant Cutaneous Viral Warts in a Patient with Steroid-resistant Nephrotic Syndrome (SRNS) on Cyclosporine Treatment
G. Warncke, D. Haffner, M. Wigger

700 (P)  Basiliximab Induced Non-Cardiogenic Pulmonary Oedema in 2 Pediatric Transplant Recipients
N. Dolan, M. Waldron, M. O'Connell, A. Awan

701 (P)  3 Year Review of Outcomes from the Irish Pediatric Renal Transplant Centre

702 (P)  Lack of Association of Endothelial Nitric Oxide Synthase (ENOS) Gene Polymorphism with Chronic Allograft Nephropathy in Turkish Renal Transplant Recipients
E. Yilmaz, S. Mir, A. Berdeli

703 (P)  Increased Arterial Stiffness in Children after Renal Transplantation
S. Briese, M. Claus, U. Querfeld

704 (P)  Body Mass Index in Kidney Transplant Children
M. Fonseca Leal, A. Bravo Ramírez, J. Borjas García, L. Cordero

705 (P)  Heart MRI Investigation in Children with Chronic Renal Failure (CRF) and Kidney Transplantation (NTx)
B. Schäfer, A. Szabó, A. Tóth, G. S. Reusz, T. Tulassay, E. Horváth
706 (P) Prevention of Recurrent Focal Segmental Glomerulosclerosis in Children after Kidney Transplantation: the Effects of High Dose Cyclosporine and Pretransplant Plasmapheresis
P. Rianthavorn, D. Gjertson, J. Marik, M. Malekzadeh, R. Ettenger

707 (P) Anuric Renal Failure after Amlodipine Exposure in a Transplant Recipient Treated with Tacrolimus Despite Normal Cytochrome P450 3A Expression
S. Leroy, E. Jaqz-Aigrain, A. Isapof, A. Bensman, T. Ulinski

708 (P) Renal Tubular Acidosis in Long Term Follow-up of Renal Transplant Patients

709 (P) Urinary Tract Infections Following Renal Transplantation in Children
U. Bayrakci, E. Baskin, O. Surmeli Onay, E. Melek, N. Cengiz, H. Karakayali, M. Haberal

710 (P) Renal Fanconi Syndrome and Myopathy after Liver Transplantation: Drug Related Mitochondrial Cytopathy?
U. Bayrakci, E. Baskin, F. Ozcay, H. Ozdemir, H. Karakayali, M. Haberal

711 (P) Successful Use of Recombinant Factor VIIa for the Treatment of Severe Bleeding in Epstein Syndrome
Cs. Bereczki, E. Szederkényi, P. Szenohradszky, S. Türi

712 (P) A Cohort Study of Graft Survival and Patient Survival in Pediatric Renal Transplantation in a Single Center: Excellent Results in Young Children and Adolescents

713 (P) Consequences of CYP3A4 and MDR-1 Polymorphisms on Pharmacokinetic Parameters of Cyclosporin A and Mycophenolic Acid in Pediatric Renal Transplantation Recipients

714 (P) Tacrolimus Pharmacokinetics and Pharmacodynamics in Kidney Transplantation: the Role of CYP3A5 Polymorphism in a Pediatric Population

715 (P) Characterization of the Lipid Raft Enrichment of the Interleukin (IL)-2 Receptor (R) Beta-Chain in Human T Cells
J. Goebel, B. Logan, M. Wills-Karp

923 (P) Cyanide Poisoning in the Post Transplant Patient? A Cautionary Tale
C. Quinlan, A. Awan, D. Gill
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>716</td>
<td>HLA Class II, History of Atopy, and Age at Onset in Association with Frequent Relapses Nephrotic Syndrome</td>
<td>D. Hilmanto, A. Sukadi, P. Idjradinata</td>
</tr>
<tr>
<td>718</td>
<td>Human Immunodeficiency Virus Associated Nephropathy (HIVAN) in Nigerian Children</td>
<td>I. Anochie, F. Eke, A. Okpere</td>
</tr>
<tr>
<td>721</td>
<td>Clinico-pathological Analysis of Kidney Diseases in Children: a Retrospective, Single Center Study</td>
<td>B. Saeed, Z. Amer</td>
</tr>
<tr>
<td>722</td>
<td>Management of Steroid Resistant Focal Segmental Glomerulosclerosis in Children Using Tacrolimus</td>
<td>R. Bhimma, M. Adhkari, K. Asharam</td>
</tr>
<tr>
<td>723</td>
<td>Membranous Nephropathy Associated with Graves' Disease</td>
<td>Y. Shim, K. Nakanishi, H. Togawa, M. Obana, N. Yoshikawa</td>
</tr>
<tr>
<td>724</td>
<td>Podocin Expression in Glomerular Podocyte Slit Diaphragm and Oxidative Stress Reaction</td>
<td>X. Niu, L. Lu, K. Chen</td>
</tr>
<tr>
<td>725</td>
<td>Tacrolimus Therapy in Children with Nephrotic Syndrome</td>
<td>S. Vyas, S. Sachdev, I. Roberti</td>
</tr>
<tr>
<td>726</td>
<td>Assess the Efficacy and Safety of Cyclophosphamide for Primary Nephrotic Syndrome of Children: a Systematic Review</td>
<td>Y. Shen, Q. Sun, X. Peng</td>
</tr>
<tr>
<td>Page</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>727</td>
<td>Lupus Nephritis in Children – a Clinicopathological Study of 20 Cases</td>
<td>A. Ahmadzadeh, A. Darkhshan, A. Ahmadzadeh</td>
</tr>
<tr>
<td>728</td>
<td>Evaluation of Steroid Effects Using Two Different Regimes in Children with Nephrotic Syndrome</td>
<td>I. Agarwal, S. Kiruthiga, L. Mathew, V. Moses</td>
</tr>
<tr>
<td>729</td>
<td>The Outcome of Iranian Children with Post Streptococcal Infection (a Single-center Study)</td>
<td>A. Gheissari, T. Adjodani, M. Hashemi</td>
</tr>
<tr>
<td>730</td>
<td>Clinicopathologic Study for Asymptomatic Urinary Abnormalities Detected by School Urinalysis Screening</td>
<td>SD. Kim</td>
</tr>
<tr>
<td>731</td>
<td>Long Term Outcome of Children with Idiopathic Steroid Resistant Nephrotic Syndrome</td>
<td>M. Basiratnia, A. Derakhshan, M. Fallahzadeh, S. Torabinejad</td>
</tr>
<tr>
<td>732</td>
<td>Treatment of Steroid Resistant Nephrotic Syndrome (SRNS) with Enteric Coated Mycophenolate Sodium (EC-MPS)</td>
<td>M. Liern, V. DeReyes, G. Vallejo</td>
</tr>
<tr>
<td>733</td>
<td>HLA-DRB1 * Alleles in Egyptian Children with Poststreptococcal Acute Glomerulonephritis</td>
<td>A. Bakr, F. Al-Chenawi, F. Abdel-Naby, A. Salah</td>
</tr>
<tr>
<td>734</td>
<td>Long-term Prognostic Factors in Pediatric Focal Segmental Glomerulosclerosis</td>
<td>PK. Kim, MS. Kim, JH. Kim, HJ. Jung</td>
</tr>
<tr>
<td>737</td>
<td>Long-term Follow-up of Argentinean Patients with Hemolytic Uremic Syndrome who were not Dialyzed</td>
<td>L. Alconcher, C. Cobeas, A. Spizzirri, R. Rahman</td>
</tr>
</tbody>
</table>
739 (P) Neurexin, a Presynaptic Adhesion Molecule, is Expressed in Glomerular Podocyte: Expression in Developing Glomeruli and Proteinuric States
A. Saito, N. Miyauchi, Y. Aoki, T. Hashimoto, T. Karasawa, G.D. Han, M. Ikoma, F. Shimizu, H. Kawachi, Y. Koitabashi

740 (P) Atypical Hemolytic Uremic Syndrome: an Unsolved Case of Complement Dysregulation
A. Waters, A. Trautmann, P. Zipfel, E. Harvey, Ch. Licht

742 (P) A New Membranoproliferative Glomerulonephritis in Children with Neuroblastoma who Underwent Bone Marrow Transplant
M. Stack, A. O’Meara, T. Dorman, M. Waldron

743 (P) Effects of Fosinopril on Proliferation and Secretion of Extracellular Matrix of Rat Glomerular Mesangial Cell
Y. Li, H. Hong, W. Na, W. Yuan

744 (P) Effects of Fosinopril on TGF-β1 Secretion and mRNA Expression of Cultured Rat Glomerular Mesangial Cell
H. Hong, W. Na, Y. Li, W. Qiang

745 (P) Proteinase 3 Secreted by Neutrophils Induces Kininogen Proteolysis and Bradykinin Release

746 (P) Tacrolimus – a New Therapy for Steroid Resistant Nephrotic Syndrome in Children
S. Gulati, N. Prasad, A. Kumar, R. Sharma, A. Gupta, M. Jain

747 (P) Prolonged Mycophenolate Mofetil Therapy in Steroid Dependent Nephrotic Syndrome
K. Afzal, A. Bagga, S. Menon, P. Hari, S. Jordan

748 (P) Prediction of Relapse Frequency and Steroid Dependency in Pediatric Minimal Change Nephrotic Syndrome by T-cell Receptor Diversity Analysis

749 (P) Transforming Growth Factor-beta 1 Gene Polymorphisms According to Diabetic Nephropathy in Type 2 Diabetes
JS. Kim, OH. Kim, TK. Oh

750 (P) Pediatric HIV Renal Disease in Cape Town, South Africa
P. Nourse, W. Bates, P. Gajjar, P. Sinclair, C. Sinclair-Smith, M. McCulloch

751 (P) Acute Glomerulonephritis in Southern Iran
A. Derakhshan, VR. Hekmat
752 (P) HLA Class I Associations in Taiwanese Children with Steroid-Sensitive Nephrotic Syndrome
YH. Chiou, LY. Wang, HC. Fang, KJ. Chou, HF. Tan

753 (P) Chemokines and Cytokines during the Development of Murine Lupus Nephritis
K. Silveira, AC. Simes e Silva, M. Teixeira

754 (P) Inflammatory Mediators in Pediatric Patients with Nephrotic Syndrome
M. Souto, M. Teixeira, A. Teixeira-Jr, MG. Penido, AC. Simoes e Silva

755 (P) The Characteristics of IgA Nephropathy Detected in School Urinary Screening
Y. Park, J. Choi, M. Park, S. Kim, Y. Kim

756 (P) Long-term Therapy with Cyclosporine (CyA) and Alternate-Day Prednisone is Effective and Safe in Patients with Idiopathic Steroid Resistant Nephrotic Syndrome (SRNS)
D. Devi, S. Sethi, A. Bagga, P. Hari, A. Dinda

757 (P) Is Hypogammaglobulinemia in the Idiopathic Nephrotic Syndrome (INS) Associated with Alterations of the CD40/CD40-Ligand Pathway?
T. Krieger, N. Melikyan, DE. Mueller-Wiefel, MJ. Kemper

758 (P) Cyclosporine A (CSA) in Sporadic and Genetic Steroid-resistant Nephrotic Syndrome (SRNS)
MJ. Kemper, N. Rink, C. Moeller, U. Helmchen, DE. Mueller-Wiefel

759 (P) Respiratory Syncytial Virus (RSV) Nephropathy in Rats
Y. Guo, ZH. Wang, X. Liu

760 (P) The Effects of Low-Molecular-Weight-Heparin (LMWH) on Respiratory Syncytial Virus (RSV) Nephropathy in Rats
Y. Guo, ZH. Wang, X. Liu

761 (P) Relevance among Urinary Glycosaminoglycans, Heparanase of Peripheral Blood Leukocyte and Serum Elastase in Nephrotic Syndrome
S. Zhai, ZH. Wang

762 (P) Unusual Spectrum of Glomerular Lesions in Pediatric Patients in Armenia
H. Nazaryan, A. Sarkissian, A. Sanamyan, A. Babloyan, A. Gaspert, E. Leumann

763 (P) Henoch-Schönlein Purpura in Children: an Epidemiological Study amongst Dutch Pediatricians on Incidence and Diagnostic Criteria
J. Aalberse, K. Dolman, G. Ramnath, R. Rodrigues Pereira, JC. Davin
Dexamethasone Directly Protect Cultured Murine Podocytes in Vitro via ERK Mitogen-activated Protein Kinase Activation in Part
SF. Liu, QF. Fan, Y. Xing, J. Ding

Glomerular Basement Membrane (GBM) Width Predicts Focal Segmental Glomerulosclerosis (FSGS)
KH. Kim, HS. Lee, Y. Kim, J. Steinke, G. Crary, M. Mauer

Analysis of Clinical Features and Pathological Characteristics on Henoch-Schönlein Purpura Nephritis
Zh. Guichen, E. Bai

Renal Effects of Coxsackie B4 Virus in Hyper IgA (HIGA) Mice, C57BL/6 Mice and Balb/c Mice

A Meta-analysis of Drug Therapy for Henoch-Schönlein Purpura Nephritis in Children
D. Zhao, J. Wang, HF. Li, YW. Zhang, J. Ding, L. Yu

A Rare Case of Rapidly Progressive Glomerulonephritis in a Young Male with Alport Syndrome
Y. Teraoka, T. Fujita, R. Tanaka

Clinical Spectrum of the Wilms Tumor Gene (WT1) Mutations in 46, XX Females
K. Ismaili, V. Verdure, F. Janssen, M. Hall

More Effective Therapy and Less Nephrotoxicity by Combination of Vitamin A, D, E and Immunosuppressive in Experimental Nephrotic Syndrome
S. Akman, Y. Baysal, H. Akbas, M. Koyun, A. Gur Guven

Might the Expression of Glucocorticoid Receptor β (GRβ) and TNF-α Levels in Peripheral Mononuclear Blood Cells (PMBC) Determine Steroid Response in Children with Nephrotic Syndrome (NS)?
K. Szilágyi, L. Podracka, L. Mirossay, S. Rybarova

Clinical Features and Outcome of Childhood Polyarteritis Nodosa in South Africa
G. Faller, U. Kala, K. Petersen

Predictive Factors of Chronic Kidney Disease in Mesangioproliferative Nephrotic Syndrome

Valvular Heart Disease in a Child with Systemic Lupus Erythematosus
F. Wang, H. Xiao, J. Huang, Y. Yao, J. Yang
Occurrence of Hypertension in the Czech Registry of Renal Biopsies in the Years 1994-2003

Renal Pathology in Children with Steroid-resistant Nephrotic Syndrome in Kazakhstan

Detection and Analysis of Urinary Molecules in Patients with Renal Diseases may Predict the Extent of Cellular Crescents
J. Wang, J. Ding, N. Guan, Q. Fan

Livamisole Treatment in Nephrotic Syndrome
C. Garcia, A. Tumelero, S. Antonello, D. Malheiros, V. Souza, A. Oliveira, V. Bittencourt

Clinical and Pathological Study of 48 Cases Chinese Children with Focal Segmental Glomerulosclerosis
Y. Wu, Gh. Zhu, Mj. Fang, Wx. He

Clinical Outcome Intravenous Cyclophosphamide in Children with Systemic Lupus Erythematosus
N. Asmaningsih Soemyarso, M. Noer

Serum IgA/C3 Ratio – Diagnostic Marker of Activity IgA Nephropathy (IgAN) and Henoch-Schönlein Nephritis (HSN) in Children
M. Roszkowska-Blaim, M. Mizerska-Wasiak

Rituximab Therapy for Focal Segmental Glomerulosclerosis

Relation of Active NF-κB and Concentration of Interleukin-8 in Children’s Primary Nephrotic Syndrome
D. Yingmin, G. Yan

Expression of Sulfatases hSulf2 and hSulf2 and of Sulfatase Modifying Factors SUMF1 and SUMF2 in Minimal Change Nephrotic Syndrome (MCNS)
N. Rutjes, N. Claessen, L. Ten Bloemendaal, J. Davin, J. Weening, J. Aten

Selected Prognostic Factors in Idiopathic Nephrotic Syndrome in Children
K. Kilis-Pstrusinska, A. Medynska, D. Zwolinska

Glomerular Disease; Immunology of Renal Disease
787 (P)  Cyclosporine. A Treatment in Children with Nephrotic Syndrome – Own Observations
   K. Kilis-Pstrusinska, K. Fornalczyk, D. Zwolinska

788 (P)  Membranous Nephritis due to CMV Infection in a 19 Month Old Girl

789 (P)  Idiopathic Nephrotic Syndrome in Children in the Netherlands in 2003-2006: Results of a Nationwide Registration
   J. Van Wijk, L. El Bakkali, R. Rodrigues Pereira

790 (P)  Characterization of DEC1 Gene in CD4+ T Cells of Children with Relapse of Minimal Change Nephrotic Syndrome
   WS. Yeo, LK. Tan, CL. Wei, C. Lee, JH. Lu, S. Jordan, HK. Yap

791 (P)  Glucocorticoid Receptor and Vascular Endothelial Growth Factor in Nephrotic Syndrome
   A. Wasilewska, W. Zoch-Zwierz

792 (P)  Expression of P-glycoprotein in Lymphocytes from Cyclosporine A-treated Nephrotic Children
   A. Wasilewska, W. Zoch-Zwierz, M. Pietruczuk

793 (P)  Hemolytic Uremic Syndrome (HUS), a Rare Disease in Greece

794 (P)  Pauci-immune Lupus Nephritis in Children
   XH. Zhong, JP. Huang, Y. Chen, HJ. Xiao, Y. Yao

795 (P)  Case Report: Anicteric Hepatitis an Infection and Nephrotic Syndrome
   B. Yildiz, N. Kural, C. Yarar, H. Ozgen

796 (P)  Retrospective Analysis of Pulse Methylprednisolone Therapy in Children with Steroid-sensitive Relapsing Nephrotic Syndrome
   Y. Zhang, JP. Huang, HJ. Xiao, J. Ding, Y. Yao, JY. Yang

797 (P)  Prospective Clinical Randomized Controlled Trial of Pulse Methylprednisolone Therapy in Children with Steroid Sensitive Nephrotic Syndrome
   Y. Zhang, JP. Huang, HJ. Xiao, J. Ding, Y. Yao, JY. Yang

798 (P)  Outcome of Childhood Henoch-Schönlein Purpura Nephritis with Nephrotic-range Proteinuria in a Single Center
   R. Fujimaru, H. Yamada
Favourable Long-term Follow-up in Finnish-type Nephrotic Syndrome Treated with Enalapril
A. Bettinelli, S. Guez, C. Antignac, M. Giani, BM. Assael, A. Edefonti

Evaluation of Children with Primary Membranoproliferative Glomerulonephritis

Partial Lipodystrophy Developed during Membranoproliferative Glomerulonephritis
G. Ozsoy, K. Yildiz, Z. Bircan

Cerebral Vasculitis in a Child with Acute Post-streptococcal Glomerulonephritis

Henoch-Shönlein Purpura in Children: Report of 105 Patients
Y. Fuentes, J. Caceres, S. Valverde, P. Garcia, G. Ramon, R. Gomezchico, R. Carreno,
R. Maldonado, B. Romero, M. Medeiros

Effectiveness of Plasma Therapy in Atypical Haemolytic and Uremic Syndrome Associated with Heterozygous Combined de Novo Complement Factor H Mutations
AL. Lapeyraque, E. Wagner, V. Phan, MJ. Clermont, A. Merouani, P. Robitaille

Renal Granuloma and Glomerulopathy in Common Variable Immunodeficiency
G. Benoit, H. Sartelet, C. Saint-Cyr, L. Abed, E. Haddad, AL. Lapeyraque

Rituximab Therapy for Refractory Systemic Lupus Erythematosus in Childhood
O. Nwobi, C. Abitbol, J. Chandar, W. Seeherunvong, G. Zilleruelo

Induced Cholesterol Synthesis in a Rat Model of Minimal Change Like Nephropathy (MCN) Overexpressing IL-13

Use of Sirolimus (SRL) in Patients with Cortico-resistant Nephrotic Syndrome
M. Liern, V. De Reyes Gonzalez, A. Fayad, G. Vallejo

Expression of Retinoic Acid-inducible Gene-I in Lupus Nephritis
K. Tsugawa, H. Tanaka, K. Suzuki, Es. Oki, T. Imaizumi, E. Ito

Cyclophosphamide Pulse Therapy for Crescentic, Proliferative IgA Nephropathy in Children
K. Dittrich, K. Benz, Ch. Plank, V. Campean, K. Amann, J. Dötsch
811 (P)  Eye Involvement in Children with Primary FSGS
Y. Bilginer, S. Heeringa, C. Poyraz, F. Ozaltin, S. Kadayifcilar, N. Besbas, R. Topaloglu, S. Ozen, F. Hildebrandt, A. Bakkaloglu

812 (P)  Increased Intercellular Permeability of Cultured Glomerular Epithelial Cells by High Glucose and Advanced Glycosylation Endproducts
TS. Ha, HH. Koo, HS. Lee

813 (P)  A Child Case of Wegener’s Granulomatosis with the Initial Symptoms of Henoch-Schönlein Purpura

814 (P)  Tonsillectomy and Steroid Pulse Therapy Followed by Mizoribine Treatment for Pediatric Patients with Chronic Relapsing IgA Nephropathy

815 (P)  Silent Stenosing Ureteritis in Henoch-Schönlein Purpura with Critical Outcome for the Affected Kidney
E. Siomou, A. Serbis, Ch. Salakos, F. Papadopoulou, E. Kritikou, A. Siamopoulou

816 (P)  Pathomechanism of the Glomerular Proteinuria in 12-Year Old Girl with Mitochondrial Gene Mutation (A3243G) Detected by School Urinary Screening
R. Kurayama, N. Ito, Y. Sekine, D. Fukuhara, A. Nakajo, M. Shimizu, Y. Yamaguchi, K. Yan

817 (P)  Pulse Cyclophosphamide Induction Treatment in Thai Children with Diffuse Proliferative Lupus Nephritis
S. Opastirakul, W. Chartapisak

818 (P)  Born Small for Gestational Age, but not Early Postnatal Weight Gain Aggravates the Course of Idiopathic Nephrotic Syndrome in Children
C. Plank, K. Dittrich, M. Düz, K. Amann, W. Rascher, J. Dötsch

819 (P)  Laminin Beta2 Chain is a Possible Key Molecule for Early-onset Heavy Proteinuria but not Involved in the Antiproteinuric Effect of Cyclosporin A in Alport Syndrome
Y. Sekine, N. Ito, R. Kurayama, D. Fukuhara, A. Nakajo, M. Shimizu, K. Yan

820 (P)  Factor V Leiden Mutation and Steroid Resistant Membranous Glomerulonephritis: a Case Report
M. Buyukcelik, M. Karakok, O. Baspinar, A. Balat

821 (P)  Renal Complications of D-Penicillamin Therapy in Wilson’s Disease
M. Bülbül, S. Baysun, Ö. Erdogan, G. Demircin, S. Güngör, F. Demirçeken, A. Öner

822 (P)  The Role of Tacrolimus in Steroid-Resistant Focal Segmental Glomerulosclerosis
F. Gok, O. Sakallioglu, S. Kalman, H. Orman, M. Saldır
823 (P)   Progression to Chronic Kidney Disease in Childhood FSGS; a Single Center Study
F. Amanullah, A. Sohaila, A. Lanewala, S. Hashmi, F. Akhter, A. Rizvi

824 (P)   Effect of Controlled Protein Diet on Proteinuria in Patients with Renal Sequelae Secondary of Hemolytic Uremic Syndrome (+) (HUS)
M. Caletti, M. Missoni, C. Vezzani, J. Piantanida

825 (P)   The First Experience of IgA-nephropathy Diagnosis in Children in Belarus
A. Sukalo, E. Cherstviy, N. Tur, T. Letkovskaya, A. Portyanko, A. Krylova-Olefirenko

826 (P)   Podocin Mutations in Chilean Pediatric Patients with Steroid Resistant Nephrotic Syndrome
F. Cavagnaro, M. Aglony, R. Foncea, L. Rubio, E. Machuca

827 (P)   The Long-term Prognosis of Henoch-Schönlein Nephritis in Children
A. Öner, Ö. Erdogan, T. Eren, G. Demircin, M. Bülbül, S. Baysun, N. Arda

828 (P)   Is Possible to Predict the Outcome of Children with Chronic Glomerular Nephropathies?
M. Munteanu, O. Brumariu, F. Cucer, C. Halitchi, R. Muller, D. Mihaila

829 (P)   Experience in Children with Steroid Resistant Nephrotic Syndrome (SRNS) Treated with Methylprednisolone
E. Gutierrez, S. Reyes, M. Arriaza

830 (P)   Outcome of Lupus Nephritis in Indian Children
T. Bose, P. Hari, A. Bagga, P. Mahajan, A. Dinda

831 (P)   CRESENT (Clinical Risk Evaluation for Severe Nephritis Treatment): Predictive Scoring System in Children with Severe Nephritis – a Univariate Analysis
E. Bordador, F. Anacleto

832 (P)   Children with IgA Nephropathy: 5 Years of Follow-up
I. Bulut, O. Yavascan, S. Mir, S. Sen, F. Mutlubas, E. Yilmaz, S. Rala

833 (P)   Severe Bacterial Infection in Children with Nephrotic Syndrome at the Children’s Hospital No2, Ho Chi Minh City, Vietnam
D. Duong, D. Tran, T. Vu

834 (P)   A Single Center Experience of Treatment in Childhood Nephrotic Syndrome
F. Mutlubas, S. Mir, E. Yilmaz, I. Bulut, O. Yavascan, A. Dinler

835 (P)   Heterogeneous Effect of ACEI Therapy in Children with Proteinuric Nephropathies
B. Kranz, S. Diepenbruck, U. Vester, R. Buescher, A. Wingen, P. Hoyer

Glomerular Disease; Immunology of Renal Disease
836 (P) Anti-Factor H Antibodies-induced HUS: New Pathogenesis and Successful Treatment
M. Davidovits, MA. Dragon-Durey, I. Krause, D. Adam, R. Cleper

837 (P) Cyclosporine a Treatment and Renal Function in Children with Focal and Segmentary Glomerulosclerosis
O. Komarova, A. Tsygin

838 (P) Clinical Course and Outcome of Pediatric Patients Treated with Intravenous Methylprednisolone Pulse Therapy for Chronic Glomerular Diseases at the Philippine Children's Medical Center
J. Elises, C. Canosa, S. Gonzalez, MR. Cruz, R. Dela Cruz

839 (P) Clinicopathology of Childhood-onset Renal Systemic Lupus Erythematosus
W. Olowu, K. Adelusola, I. Senbanjo

840 (P) Nestin Expression in Focal Segmental Glomerulosclerosis in Children
J. Markovic-Lipkovski, R. Bogdanovic, A. Peco-Antic, S. Citlucanin, S. Radojevic

841 (P) Leptin (Ob) and Leptin Receptor (Ob-R) Pathway in Proteinuria
S. Mahesh, M. Bitzer, Z. Du, R. Woroniecki

842 (P) Focal Segmental Glomerulosclerosis (FSGS) in Childhood – the Long-term Follow-up Study
A. Moczulska, B. Sanocka, E. Sowiaczek, J. Kwinta-Rybicka, K. Wilkosz, I. Ogarek, Z. Stec, K. Sancewicz-Pach, JA. Pietrzyk

843 (P) Mycophenolate Mofetil in Children with Steroid-Dependent and Steroid-resistant Nephrotic Syndrome
M. Bosque, N. Garcia, R. Calderon, M. Ariza, C. Benitez

844 (P) Methylprednisolone Pulse Therapy in Nephrotic Syndrome: a Predictive Factor for High Degree Steroid Dependency
B. Letavernier, E. Letavernier, V. Baudet-Bonneville, A. Bensman, T. Ulinski

845 (P) Relapse of Membranous Nephropathy with Anti Tubular Basement Membrane Antibodies in a Renal Transplant Recipient: Complete Remission after Rituximab Treatment
T. Ulinski, V. Baudet-Bonneville, B. Mougenot, S. Nathanson, A. Bensman, H. Debiec

846 (P) Anti-pneumococcal Vaccination of Nephrotic Children at Disease Onset: Time Course of Antibody Levels during Relapse and Remission
T. Ulinski, M. Dubrel, S. Danon, M. Costantini, A. Bensman
847 (P)  Crescentic Glomerulonephritis with Isolated C3 Deposits Associated to Complement Abnormalities: a New Entity?
B. Letavernier, M. Colombat, V. Fremeaux-Bacchi, B. Mougenot, P. Callard, A. Bensman, T. Ulinski

848 (P)  Evaluation of Angiotensin Converting Enzyme Inhibitors Efficacy and Security in Patients with Chronic Renal Disease and Microalbuminuria or Proteinuria
M. Leal, C. Metran, F. Matos, E. Furusawa, V. Koch

849 (P)  Long Term Follow-up after Cyclophosphamide Treatment in Steroid-dependent Nephrotic Syndrome (SDNS)
A. Filleron, AL. Adra-Delenne, L. Ichay, F. Dalla-Vale, H. Valette, D. Morin

850 (P)  Interleukin-4, Gamma-interferon, Serum IgE, Specific IgE in Children with Minimal Change Nephrotic Syndrome and Atopic Dermatitis
I. Tur, P. Nazarov, I. Batrakova, I. Gorlanov, N. Savenkova

851 (P)  Neph1 is Tyrosine Phosphorylated by Fyn, and Negatively Regulates ERK Pathway by Binding to Grb2
Y. Harita, H. Kurihara, T. Sekine, T. Igarashi, S. Hattori

852 (P)  Celiac Disease HLA Aplotype in Children with Nephrotic Syndrome
S. Maringhini, D. Rallo, S. Teresi, E. Gucciardino, G. Incannella, MC. Sapia, C. Corrado, M. Li Vecchi

853 (P)  Activity of Natural Anticoagulants (Antithrombin and a Protein C) in Blood of Children with Minimal Changes Nephrotic Syndrome (MCNS)
Y. Panyutina, V. Kobilyanskaia, N. Savenkova

854 (P)  Varicella as Trigger of Atypical Hemolytic Uremic Syndrome (aHUS) Associated with Complement Dysfunction. Report of Two Cases

855 (P)  Infections in Children with Nephrotic Syndrome in a Developing Country: a Common Cause for Relapse
A. Ramzan, K. Moorani, A. Mehmood

856 (P)  Clinical Course of Steroid Sensitive Nephrotic Syndrome in Turkish Children: a Prospective Multicenter Study (Turkish Steroid Sensitive Nephrotic Syndrome Study Group)
A. Guven, N. Besbas, S. Caliskan, M. Bulbul, N. Uncu, Z. Gunduz

857 (P)  Coagulation/Fibrinolysis System Dysfunction in Nephrotic Syndrome in Children
T. Margieva, T. Sergeeva, A. Tsygin, I. Smirnov, A. Kucherenko
858 (P)  Serum PAI-1 and TGF-beta 1 Levels in Proiferative Forms of Glomerulonephritis in Children

859 (P)  Rituximab Treatment for Idiopathic Nephrotic Syndrome: a Retrospective Study of 11 Cases

860 (P)  Urinary and Serum Annexin V Levels in Children with Steroid Sensitive and Steroid-resistant Nephrotic Syndrome
B. Simsek, A. Anarat, M. Soran, M. Büyükcelik, G. Seydaoglu, A.K. Bayazit, A. Noyan

861 (P)  Nephrotic Syndrome (NS) after Allogeneic Hematopoietic Stem Cell Transplantation (HSCT): a Rare Manifestation of Chronic Graft-versus-host Disease (cGVHD)
V. Baudouin, F. Bernaudin, A. Garnier, T. Kwon, M. Peuchmaur, G. Deschenes, C. Loirat

862 (P)  Lethal Cerebral Histoplasmosis in Systemic Lupus
A. Garnier, M. Fila, F. Chalard, A. Daltry, J.C. Piette, T. Kwon, N. Pinto Da Costa, G. Deschenes, C. Loirat

863 (P)  Immune Complex Glomerulonephritis in Two Wilms Tumor Patients
E. Elenberg

864 (P)  Intravenous Cyclophosphamide in Children with Steroid-resistant Nephrotic Syndrome
P. Pudjiastuti, D. Dharmayani, S. Pardede, T. Tambunan

865 (P)  Anthropometric Measurements of Children with Nephrotic Syndrome
S. Pardede, J. Vidianty, P. Pudjiastuti, T. Tambunan

866 (P)  Respiratory Chain Deficiency Presenting as Nephrotic Syndrome
U. Bayrakci, E. Baskin, F. Alehan, H. Ozdemir, A. Oner, E. Melek, H. Sakalli

867 (P)  Acute Endocapillary Proliferative Glomerulonephritis in a Child Associated with Human Parvovirus B19 Infection
H. Sakalli Ercoban, E. Baskin, U. Bayrakci, E. Melek, N. Cengiz, H. Ozdemir

868 (P)  Clinical Course of 88 Children with Focal Segmental Glomerulosclerosis According to Initial Response to Prednisone

869 (P)  Specific Lymphocyte Subsets in Children with Chronic Kidney Disease (CKD)
M. Szczepanska, K. Szprynger, T. Szczepanski, B. Mazur, E. Sedek
870 (P) Treatment of Steroid Dependent Nephrotic Syndrome with Tacrolimus – a Single Centre Experience
I. Ganesan, D. Hébert

871 (P) Tumor Necrosing Factor-alpha Blocking Agent as a Treatment for Steroid Resistant Nephrotic Syndrome
S. Leroy, V. Guigonis, D. Bruckner, V. Emal-Aglae, G. Deschenes, A. Bensman, T. Ulinski

872 (P) Fournier Gangrene in a Preschooler: a Rare Complication of Nephrotic Idiopathic Syndrome
E. Urdaneta-Carruyo, A. Méndez-Parra, A. Urdaneta-Contreras, J. Dorta, L. Mora-Diaz, R. Munoz-Arizpe

873 (P) Clinical and Histological Predictors of Outcome in Childhood IgA Nephropathy
A. Teixeira, M. Ribeiro, H. Pinto, R. Sousa, A. Afonso, H. Jardim

874 (P) Adhesion Molecules, IL-12+p40 and CD23+CD19+ and CD25+CD4+ Lymphocyte Subsets in Childhood Nephrotic Syndrome
B. Yildiz, N. Kural, O. Alatas, Z. Gulbas, M. Dinleyici, Y. Kural

875 (P) Dissociation of the Parathyroid Hormone Receptor from Lipid Rafts in Human T Cells
A. Mieczkowski, B. Logan, J. Goebel

876 (P) Outcome of Cyclosporine. A Treatment for the Patients with Proteinuria due to the Renal IgA Deposition Diseases
YH. Shin, DG. Kwon, JS. Lee, KS. Pai

877 (P) Clinico-pathological Correlation in Nephrotic Children in Costa Rica
J. Madrigal, E. Fernandez, P. Noguera, P. Carranza

878 (P) Steroid-resistant Nephrotic Syndrome (SRNS) Treatment with Mycophenolate Mofetil Associated with Angiotensin II Receptor Blockers (ARBs) and Sinvastatin
A. Guersoni, V. Mello, V. Benini, S. Laranjo

879 (P) Novel Therapies in Resistant FSGS: Preliminary Results
H. Trachtman, D. Gipson, S. Vento, A. Thompson, M. Dike

880 (P) Effect of FTY720 on Glomerulosclerosis and Expression of Cell Cycle Regulatory Proteins in Subtotal Nephrectomized Rats
JH. Zhou, GQ. Zhu, M. Xie

881 (P) Unusual Presentation of Nephrosis: Case Report
M. Martyn, M. Kardos, P. Sallay, G. S. Reusz
Autoantibodies to C1q and Complement Interactions in Children with Glomerulonephritis

Renal Physiology and Tubulointerstitial Disorders; Bone Disease, Growth and Development

Auxological and Laboratory Parameters of Growth in Egyptian Children with CRF on Conservative Therapy
M. Zahrane, L. Fawaz, L. Nesseim

Impact of Etiology of Chronic Renal Failure on Growth in Children: a Hospital Based Study
S. Sultana, H. Rahman, M. Hossain

NAG, a Marker for Renal Tubular Function Assessment in Pediatric Patients with BETA Thalassemia Major
Mo. Mazaheri

Evidence for an Interaction between Bone and Kidney in Fracture Healing: an Experimental Study
E. Novais, R. Pereira, A. Vasconcelos, G. Soares, D. Martins, AC. Simoes e Silva

Dent Disease 1 and 2: a Single Center Experience
E. Kuwertz-Bröking, St. Fründ, A. Schulze Everding, T. Seidel, M. Ludwig

Nutrition and Nutritional Status in Children with Chronic Renal Failure
E. Sahpazova, D. Kuzmanovska, L. Spirevska, N. Ristoska Bojkovska

Chloride-dependent Intracellular pH Regulation via Extracellular Calcium-sensing Receptor in the Medullary Thick Ascending Limb of the Mouse Kidney

The Resurrection of Rickets – a New Challenge for Pediatric Nephrologists
A. Sarkissian, N. Arkyants, M. Papazyan, N. Manukyan, G. Koloyan, B. Steinmann, E. Leumann

Recombinant Human Growth Hormone (rhGH) Treatment in Short Children with Renal Disease – Our First Experience
B. Spasojevic-Dimitrijeva, M. Kostic, A. Peco-Antic, D. Krusic, D. Paripovic, M. Stanic

Severe Proximal Renal Tubular Acidosis in Pearson Syndrome
E. Demirkaya, R. Topaloglu, A. Rötig, T. Coskun, H. Topaloglu, A. Bakkaloglu, A. Gurgey
893 (P) Medial Calcification in Intact Human Arteries from Children with Chronic Kidney Disease is Associated with Apoptosis and Osteogenic Differentiation – Clinical and Laboratory Correlations
R. Shroff, R. McNair, N. Figg, M. Hiorns, A. Donald, J. Deanfield, L. Rees, C. Shanahan

894 (P) Hypokalemia in Low Protein Feeding (LP). Altered Expression of Major Renal Na+ and K+ Transporters
C. Ruete, P. Vallés

895 (P) Vitamin D Deficiency is Common in Children with Renal Disease
V. Belostotsky, MZ. Mughal, J. Berry, N. Webb

896 (P) Fibrous Dysplasia of Bone Associated with Nephronophthisis
J. Bacchetta, R. Chapurlat, R. Bouvier, C. Antignac, L. Dubourg, R. Kohler, P. Delmas, P. Cochat

897 (P) Nephropathia Epidemica – Acute Renal Failure due to Infection with Puumala Virus in Three Patients from the Alb-Danube Region in Germany
M. Bald, M. Holder, H. Leichter

898 (P) Urinary Calcium in Children from a Low Income Population. Relationship with Sodium and Protein Intake
M. Lopez, B. Arteaga, V. Silva, C. Benitez, K. Melendez, I. Curcho, J. Anseume

899 (P) Hypokalemic Paralysis Revealing Sjogren's Syndrome
S. Skalova, L. Minxova, R. Slezak

900 (P) A New Approach to Diagnostics of Children's Urolithiasis Based on Bonn Risk Index (BRI)
T. Porowski, W. Zoch-Zwierz, J. Konstantynowicz, K. Taranta-Janusz

901 (P) NSAIDs Associated Acute Interstitial Nephritis with Granular Tubular Basement Membrane Deposits
M. Dixit, N. Dixit

902 (P) The Effect of Corticosteroid Therapy on Bone Metabolism in Nephrotic Syndrome
A. Noyan, E. Ozates, AK. Bayazit, B. Simsek, A. Anarat

903 (P) Absorptive and Renal Hypercalciuria – Similarities and Differences
D. Stojanovic, O. Milosevic, B. Djiabic, N. Bubalo

904 (P) Evidence for Glomerular Proteinuria in the Proximal Tubular Disorder Cystinosis
M. Wilmer, E. Christensen, L. Monnens, L. Heuvel, E. Levtchenko

905 (P) Patients with Dent's Disease due to OCRL1-gene Mutations are Shorter than those with CLCN5 Mutations
A. Bökenkamp, D. Bökenhauer, W. Van't Hoff, M. Ludwig
906 (P) Quantitative Ultrasonometry of the Calcaneus in Children with Idiopathic Hypercalciuria
S. Kutilek, M. Bayer

907 (P) Chronic Interstitial Nephritis with Renal Failure – a New Recognized Component of the APECED Syndrome
R. Bogdanovic, D. Zdravkovic, J. Markovic-Lipkovski, G. Basta

908 (P) Long Term Growth of 16 Children with Nephrogenic Diabetes Insipidus (NDI)
M. Caletti, H. Lejarraga, S. Caino, A. Jiménez

909 (P) Body Growth of Children with Steroid-responsive Idiopathic Nephrotic Syndrome
M. Noer, I. Irwanto, N. Sumiarso, M. Chalim

910 (P) Circadian Rhythm of Blood Pressure, Proteinuria and Natriuresis in Children with Chronic Kidney Disease Stage I

911 (P) Autosomal Dominant Proximal Renal Tubular Acidosis at Seven Members of One Family
N. Savenkova, I. Anichkova, G. Leviashvili, M. Chemodanova

912 (P) Lesch-Nyhan Syndrome without Self-mutilation and Nephrolithiasis
T. Kersnik Levart

913 (P) Osteoporosis in Children with Cancer
E. Bárdi, T. Bodó, C. Kiss

914 (P) Bone Disruption may Predispose Thalassemic Children to Renal Stone Formation

915 (P) Metabolic Acidosis with Hyperkalemia during Losartan Administration
H. Sakalli Ercoban, E. Baskin, U. Bayrakci, E. Melek, N. Cengiz, H. Karakayali, M. Haberal

916 (P) Report of a Boy with Rickets as a Pronounced Symptom of Vesicoureteral Reflux
N. Guan, Y. Chen, JP. Huang, J. Ding, JY. Yang

917 (P) Regular Hemodialysis with Low Bicarbonate Dialysate is Effective as Adjunctive Therapy in Bartter’s Syndrome
S. Kim, B. Lee, S. Kim

918 (P) Abnormal Circadian Rhythm of Diuresis is Related to Absence of Circadian Variation in GFR
A. Deguchtenaere, A. Raes, J. Dehoorne, C. Vande Walle, R. Mauel, J. Vande Walle
Sarcoidosis with Granulomatous Interstitial Nephritis Revealed by Acute Deafness
T. Kwon, V. Baudouin, S. Wiener-Vacher, M. Peuchmaur, C. Loirat, G. Deschenes

The Reliability of Different Kidney Function Tests in Young Adults with Type 1 Diabetes
N. Perrin, R. Bäck, U. Berg

FTY720 Inhibits Renal Interstitial Fibrosis in Unilateral Ureteral Obstructic Rats
JH. Zhou, M. Xie

Experimental Study in the Differentiation of Rat Bone Marrow-derived Stem Cells to Mesangial-like Cells
S. Hongmei, J. Hong, Q. Qiang, W. Min