**Paediatrics**  
**Poster session 4**

**Location:** Room Foscolo  
**Chairs:**  
A. Berrettini, Milan (IT)  
F. Emma, Rome (IT)

Poster viewing of 30 minutes. Presentations will take place on stage. Standard presentations are 3 minutes in length, followed by 2 minutes for discussion.

**14:30 - 14:33**  
**Introduction**

**P052**  
Vinegar via altering the acetic acid/AR/miR-147a/SLC26A1 signals to suppress liver oxalate biosynthesis/excretion to inhibit the hyperoxaluria-induced intrarenal CaOx crystals deposition

By: Liu Y., Zeng G.  
The First Affiliated Hospital of Guangzhou Medical University, Minimally Invasive Surgery Center, Guangdong Key Laboratory of Urology, Dept. of Urology, Guangzhou, China

**P053**  
Dietary vinegar prevents kidney stones recurrence via epigenetic regulations

By: Zhong W., Zhu W., Zeng G.  
First Affiliated Hospital of Guangzhou Medical University, Dept. of Urology, Guangzhou, China

**P055**  
Metabolic work-up in pediatric urolithiasis: 5 years of experience in a third level nephro-urological center

By: Taroni F. ¹, Gnech M. ², Capone V. ³, Berrettini A. ², Pavesi M. ³, Manzoni G. ², Montini G. ¹  
¹Fondazione IRCCS Ca’ Granda - Ospedale Maggiore Policlinico, Dept. of Pediatric Nephrology, Dialysis and Transplant Unit, Milan, Italy, ²Fondazione IRCCS Ca’ Granda - Ospedale Maggiore Policlinico, Dept. of Pediatric Urology, Milan, Italy, ³Fondazione IRCCS Ca’ Granda - Ospedale Maggiore Policlinico, Dept. of Pediatric Radiology, Milan, Italy

**P056**  
The Importance of evaluating for potential underlying causes of kidney stones: A survey of physician experiences in diagnosing Primary Hyperoxaluria type 1 (PH1)

By: Danese D. ¹, Murray R. ², Monpara A. ¹, Ben-David R. ³, Crockett T. ³, Holloway M. ³, Barr K. ³, Doyle S. ³, Howie K. ³  
¹Alnylam Pharmaceuticals, Medical Affairs, Cambridge, United States of America, ²Alnylam Pharmaceuticals, Market Insights, Cambridge, United States of America, ³Magnolia Innovation, Research Department, Hoboken, United States of America
P057  Clinical fate of urolithiasis detected during infancy: Is duration of feeding with breast milk effective?  
By: Bozkurt H. 1, Sarıca K. 2, Çetin T. 3  
1 Kafkas University, Dept. of Pediatrics, Kars, Turkey, 2 Kafkas University, Dept. of Urology, Kars, Turkey, 3 Kafkas University, Dept. of Radiology, Kars, Turkey

P058  Surgical management of stone disease in children under two years  
By: Gnech M. 1, Berrettini A. 1, Taroni F. 2, De Marco E.A. 1, Manzoni G. 1, Montini G. 2, Minoli D.G. 1, Boeri L. 3, Clementi M.C. 3, Montanari E. 3  
1 Pediatric Urology Unit, Fondazione IRCCS Ca' Granda-Ospedale Maggiore Policlinico, Dept. of Women, Children and Newborns, Milan, Italy, 2 Pediatric Nephrology, Dialysis and Transplant Unit, Fondazione IRCCS Ca' Granda-Ospedale Maggiore Policlinico, Dept. of Women, Children and Newborns, Milan, Italy, 3 Urology Unit, IRCCS Fondazione Ca' Granda-Ospedale Maggiore Policlinico, University of Milan, Dept. of Urology, Milan, Italy

P059  Prone and supine percutaneous approach in pediatric urolithiasis  
1 Civil Hospital of Guastalla, Azienda USL – IRCCS di Reggio Emilia, Dept. of Urology, Guastalla, Italy, 2 Hospital and University of Parma, SS Endourology and Less Invasive Percutaneous Surgery, Urology OU, Parma, Italy, 3 University of Modena and Reggio Emilia, Dept. of Urology, Ospedale Policlinico e Nuovo Ospedale Civile S.Agostino Estense Modena, Modena, Italy, 4 Hospital and University of Parma, Dept. of Urology, Parma, Italy, 5 University of Parma, Dept. of Engineering and Architecture, Parma, Italy, 6 University of Modena and Reggio Emilia, Pediatric Surgery Department, Policlinico di Modena, Modena, Italy, 7 Azienda USL – IRCCS di Reggio Emilia, Dept. of Urology, Civil Hospital of Guastalla, Guastalla, Italy

P060  Semi-closed-circuit vacuum-assisted mini percutaneous nephrolithotomy in pediatric patients: The initial experience by two tertiary referral centers  
By: Sampogna G. 1, Gallioli A. 1, Berrettini A. 2, Zanetti S.P. 1, Llorens E. 3, Quiroz Y. 3, Gnech M. 2, De Marco E.A. 2, Minoli D.G. 2, Taroni F. 4, De Lorenzis E. 1, Montini G. 4, Manzoni G. 2, Bujons A. 3, Montanari E. 1  
1 Fondazione IRCCS Cà Granda - Ospedale Maggiore Policlinico, University of Milan, Dept. of Urology, Milan, Italy, 2 Fondazione IRCCS Cà Granda - Ospedale Maggiore Policlinico, Dept. of Pediatric Urology, Milan, Italy, 3 Fundació Puigvert, Dept. of Pediatric Urology, Barcelona, Spain, 4 Fondazione IRCCS Cà Granda - Ospedale Maggiore Policlinico, University of Milan, Dept. of Pediatric Nephrology, Dialysis and Transplant Unit, Milan, Italy

P061  Role of dusting and pop-dusting using high power (100w) laser in treatment of paediatric stones  
By: Reeves T. 1, Griffin S. 2, Pietropaolo A. 3, Chugh S. 3, Somani B.K. 3
Could surgical experience of adult endourologist overcome the learning curve of retrograde intrarenal surgery in children?


1University of Florence, Dept. of Urology, Florence, Italy, 2University of Florence - Meyer Hospital, Dept. of Urology, Florence, Italy

Complications after URSL procedure in prepubertal children – Single center experience


1CMKP, Dept. of Pediatric Surgery and Pediatric Urology, Dziekanow Lesny, Poland, 2CMKP, Dept. of Pediatric Surgery and Pediatric Urology, Dziekanów Leśny, Poland, 3CMKP, Dept. of Pediatric Surgery and Pediatric Urology, Dziekanów Lesny, Poland

Are there factors affecting the efficiency and security of URSL in prepubertal children – Single center experience?

By: Samotyjek J., Jurkiewicz B.

CMKP, Dept. of Pediatric Surgery and Pediatric Urology, Dziekanów Lesny, Poland

Endourological management of renoureteral stones in children: Evaluation of outcomes and perioperative complications in a large single-center 10-year series

By: Modonutti D., Soligo M., Celso F., Barbieri L., Bettin L., Dal Moro F., Castagnetti M., Zattoni F., Beltrami P.

University of Padua, Dept. of Urology, Padua, Italy

Comparative animal study of the ureteropelvic junction healing after laparoscopic pyeloplasty: Standard ureteral stent versus biodegradable anti-reflux intra-ureteral stent

By: Soria F., Delacruz J.E., Sousa-Cervera C., Caballero-Romeu J.P., Perez-Fentes D., Cepeda Delgado M., Sanchez-Margallo F.M.

1Minimally Invasive Surgery Centre Jesus Uson Foundation, Dept. of Endoscopy-Endourology, Caceres, Spain, 2Hospital Vinalopo, Dept. of Urology, Elche, Spain, 3Hospital Universitario de Santiago, Dept. of Urology, Santiago de Compostela, Spain, 4Hospital del Rio Hortega, Dept. of Urology, Valladolid, Spain

Ureteral stents and vesicoureteral reflux: Experimental assessment of the rate and grade in porcine animal model
By: Soria F.¹, Delacruz J.E.¹, Soto M.¹, Budia Alba A.², Serrano A.³, Galan Llopis J.A.⁴, Fernandez Aparicio T.⁵, Sanchez-Margallo F.M.¹

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15:53 - 16:00

Conclusion