

THURSDAY, 8TH OCTOBER 2026

Advances and Innovations in Pediatric Surgery

07:00 – 08:15 **REGISTRATION**

08:15 **OPENING REMARKS**

Prof. Gloria Pelizzo (Local Organizing Chair, ISPSR)

Prof. Prem Puri (Chairman, ISPSR Board)

08:30 – 10:30 **SCIENTIFIC SESSION I**

Chairs: *Gloria Pelizzo* (Milan, Italy)

Prem Puri (Dublin, Ireland)

1. FETAL SURGERY FOR SPINA BIFIDA: IS IT SUSTAINABLE IN THE LONG RUN? (20 + 10 mins)

Martin Meuli

(Zurich, Switzerland)

2. PRENATAL THERAPIES IN CONGENITAL DIAPHRAGMATIC HERNIA

(20 + 10 mins)

Richard Keijzer

(Winnipeg, Canada)

3. PAIN IN THE HUMAN FETUS AND NEONATE: AN EVIDENCE-BASED DISCUSSION (20 + 10 mins)

Carlo Bellieni

(Siena, Italy)

4. REGENERATIVE SURGERY: ENGINEERING TISSUE FOR REPAIR (20 + 10 mins)

Paolo De Coppi

(London, United Kingdom)

10:30 – 11:00 **COFFEE BREAK**

11:00 – 12:30 **SCIENTIFIC SESSION II**

Chairs: *Jens Dingemann* (Hannover, Germany)
 Ugo Maria Pierucci (Milan, Italy)

5. PEDIATRIC SURGICAL TRAINING IN EUROPE: FROM GENERALISTS TO SPECIALISTS (20 + 10 mins)

Udo Rolle
(Frankfurt, Germany)

6. VIRTUAL REALITY FOR PEDIATRIC-SPECIFIC PREOPERATIVE SIMULATION IN PEDIATRIC SURGERY: ADVANCING EDUCATION, TRAINING, AND PRECISION TREATMENT OF CONGENITAL MALFORMATIONS AND TUMORS (20 + 10 mins)

Gloria Pelizzo
(Milan, Italy)

7. FROM BENCH TO BEDSIDE, FROM SINGLE CENTER TO MULTICENTER COLLABORATION: ROAD TO INNOVATE CLINICAL CARE (20 + 10 mins)

Agostino Pierro
(Toronto, Canada)

12:30 – 13:30 **LUNCH**

13:30 – 15:30 **SCIENTIFIC SESSION III**

Chairs: *Shilpa Sharma* (New Delhi, India)
 Giovanna Riccipettoni (Pavia, Italy)

8. THE FUTURE OF NEUROBLASTOMA SURGERY: VISUALISING, TARGETING AND TREATING RESIDUAL DISEASE (20 + 10 mins)

Stefano Giuliani
(London, United Kingdom)

9. JAPANESE STRATEGY FOR THE MANAGEMENT OF HIGH-RISK AND NON-HIGH-RISK NEUROBLASTOMA (20 + 10 mins)

Akihiro Yoneda
(Tokyo, Japan)

10. POSTERIOR URETHRAL VALVES: CURRENT CONCEPTS, CONTROVERSIES, AND LONG-TERM OUTCOMES (20 + 10 mins)

Massimo Gariboldi
(London, United Kingdom)

11. THE CHARGE PROCEDURE AND STAGED URETHROPLASTY TO PREVENT FISTULA AND STENOSIS IN HYPOSPADIA (20 + 10 mins)

Atsuyuki Yamataka

(Tokyo, Japan)

15:30 – 16:00 **COFFEE BREAK**

16:00 – 17:30 **SCIENTIFIC SESSION IV**

Chairs: *Igor Sukhotnik* (Tel Aviv, Israel)

Satoshi Ieiri (Kagoshima, Japan)

12. BEYOND THE LUNG: FETAL BRAIN INJURY IN CONGENITAL DIAPHRAGMATIC HERNIA (20 + 10 mins)

Augusto Zani

(St. Louis, USA)

13. THE ROLE AND THERAPEUTIC IMPLICATIONS OF BILE ACIDS IN BILIARY ATRESIA LIVER INJURY (20 + 10 mins)

Mikko Pakarinen

(Helsinki, Finland)

14. REPRODUCTIVE CHALLENGES IN PATIENTS TREATED FOR HIRSCHSPRUNG DISEASE IN CHILDHOOD (20 + 10 mins)

Tomas Wester

(Stockholm, Sweden)

19:00 **WELCOME RECEPTION**

FRIDAY, 9TH OCTOBER 2026

07:00 – 08:15 **REGISTRATION**

08:15 **WELCOME REMARKS**

08:30 – 10:30 **SCIENTIFIC SESSION I (PRIZE SESSION) (8 + 4 mins)**

Prem Puri Prize for Basic Science Research

Micheal Höllwarth Prize for Clinical Research

Chairs: *Prem Puri* (Dublin, Ireland)
 Gloria Pelizzo (Milan, Italy)
 Martin Meuli (Zurich, Switzerland)

HUMAN AMNIOTIC FLUID STEM CELL-DERIVED EXTRACELLULAR VESICLES ENHANCE ENTERIC NEURAL CREST CELL EXTENSION FOLLOWING TRANSPLANTATION INTO AGANGLIONIC MOUSE GUT

Nana Nakazawa-Tanaka, *Naho Fujiwara*, *Katsumi Miyahara*, *Ryo Sueyoshi*, *Agostino Pierro*, *Atsuyuki Yamataka*, *Go Miyano*
(Tokyo, Japan)

GLUTAMINE ADDICTION REWIRES THE GLUTAMINE-ASPARAGINE AXIS TO DRIVE ENDOTHELIAL PROLIFERATION AND ANGIOGENESIS IN INFANTILE HEMANGIOMAS

T Qiu, *Y Ji*
(Sichuan, China)

ISOLATION, CHARACTERISATION AND EXPANSION OF HUMAN MESENCHYMAL CELLS IN XENOGENEIC-FREE MEDIA FOR TISSUE-ENGINEERED OESOPHAGEAL GRAFTS IN LONG-GAP OESOPHAGEAL ATRESIA

Giada Benedetti, *Paolo De Coppi*, *Giovanni Giobbe*
(London, United Kingdom)

DYSREGULATED SEROTONIN REUPTAKE IMPAIRS INTESTINAL SEROTONIN AVAILABILITY IN HUMAN NECROTIZING ENTEROCOLITIS

D. Lee, *G. Biouss*, *J. Park*, *A. Girdwood*, *A. Pierro*
(Toronto, Canada)

ADHERENCE TO LONG-TERM FOLLOW-UP IN CONGENITAL DIAPHRAGMATIC HERNIA (CDH) SURVIVORS

Marietta Jank, *Charlotte Reich*, *Louisa Hommerich*, *Katrin Zahn*, *Richard Martel*, *Michael Boettcher*, *Julia Elrod*
(Mannheim, Germany)

CONGENITAL DIAPHRAGMATIC HERNIA (CDH): INTEGRATED CLINICOPATHOLOGICAL STUDY WITH PLACENTAL PHENOTYPE AND TRANSCRIPTOMIC LANDSCAPE

I. Paraboschi, *U.M. Pierucci*, *M. M. Lanna*, *R. Rossi*, *M. Nebuloni*, *V. M. Savasi*, *G. Pelizzo*
(Milan, Italy)

SPARC FRAMEWORK: A STANDARDIZED SPATIAL HISTOPATHOLOGICAL ASSESSMENT OF RECTAL BIOPSIES IN CHILDREN WITH REFRACTORY CONSTIPATION

M. Duci, L. Bertaso, I.A. Neculaescu, L. Santoro, F. Fascetti Leon
(Padua, Italy)

LONG-TERM (≥10 YEARS) OUTCOMES AFTER LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION: A 37-PATIENT COHORT

J Cazares, H Koga, G Miyano, M Takeda, Y Miyake, S Shibuya, A Yamataka
(Tokyo, Japan)

HYBRID POLYURETHANE/GELATIN METHACRYLATE ELECTROSPUN SCAFFOLD FOR AUGMENTATION CYSTOPLASTY IN CLASSIC BLADDER EXSTROPHY

L. Giacomel, I. Paraboschi, U.M. Pierucci, L. Chiudaroli, G. Pellizzo, S. Farè
(Milan, Italy)

SUBTYPE-SPECIFIC ALTERATIONS OF INTERSTITIAL CELLS OF CAJAL IN A MOUSE MODEL OF INTESTINAL NEURONAL DYSPLASIA

L Shi, K Miyahara, C Shi, H Cui, A Yamataka, G Miyano, N Fujiwara
(Tokyo, Japan)

10:30 – 11:00 **COFFEE BREAK**

11:00 – 12:30 **SCIENTIFIC SESSION II** (6 + 3 mins)

Chairs: Agostino Pierro (Toronto, Canada)
 Paolo De Coppi (London, United Kingdom)
 Haitao Zhu (Shanghai, China)

REMOTE ISCHEMIC CONDITIONING IN NECROTIZING ENTEROCOLITIS: FROM FEASIBILITY TO EFFICACY TRIAL

N Ganji, J Park, S Sabbatini, M Shahroor, B Li, EB Gauda, BT Kalish, M Offringa, PS Shah, P Deshpande, E Ng, JH Kim, D Russell, MH Kabeer, V Dhar, I Ahmad, A Urrutia Gonzalez, H Zhu, Y Wu, T Wester, E Palleri, L Hellenäs, RMH Wijnen, CMG Keyzer-Dekker, M Livingston, S el Helou, D Briatico, NJ Hall, C Zozaya, S Eaton, A Conforti, L Valfre, G Cavallaro, E Leva, R Faingold, A Daneman, AR Willan, K Thorpe, D Wesson, CJ Fernandes, S Willemsen, F Bacchini, A Pierro
(Toronto, Canada)

SHORT-CHAIN FRUCTOOLIGOSACCHARIDES REVERSE NOTCH LIGAND DEPLETION AND PROTECTS AGAINST INTESTINAL INJURY FROM EXPERIMENTAL NECROTIZING

C. Lee, Y. Huang, R. Y Wu, B. Li, P. Sherman, H. Zhu, A. Pierro
(Toronto, Canada)

HEPATIC PROGENITOR CELLS EXPRESSING PRO-FIBROTIC MARKERS PREDICT LIVER INJURY AND SURGICAL OUTCOMES IN BILIARY ATRESIA

VJ Väyrynen, I Nyholm, AM Salonen, M Hukkinen, J Lohi, MP Pakarinen
(Helsinki, Finland)

ADVANCING PRECISION SURGERY IN PEDIATRIC NEUROBLASTOMA THROUGH TUMOR-SPECIFIC FLUORESCENCE IMAGING

I. Paraboschi, M. Sevieri, L. Sitia, U.M. Pierucci, M. Marinaro, F. Gorgoglione, B. Bignami, V. Giacobbo, M.A. Avanzini, M. Barisella, M. Nebuloni, S. Giuliani, F.R.M. Corsi, S. Mazzucchelli, G. Pelizzo
(Milan, Italy)

SERUM MATRIX METALLOPROTEINASE-7 PREDICTS OUTCOMES BY REFLECTING INJURIOUS DUCTULAR REACTION ONLY AFTER PORTOENTEROSTOMY IN BILIARY ATRESIA

N. Nordenheim, I. Nyholm, N. Sjöblom, J. Lohi, M. Davenport, M. Hukkinen, M.P. Pakarinen
(Helsinki, Finland)

MACROPHAGE NINJ1-DEPENDENT PLASMA MEMBRANE RUPTURE IMPAIRS INTESTINAL STEM CELL REGENERATION THROUGH THBS1 IN NEONATAL NECROTIZING ENTEROCOLITIS

Linghao Cai, Dengming Lai, Jinfa Tou
(Hangzhou, China)

A NEW IN-VITRO MODEL OF ALVEOLAR EPITHELIAL-ENDOTHELIAL CO-CULTURE

Maria Enrica Miscia, Aisha Memon, Ziming (Faris) Shao, Paolo De Coppi, Federica Michielin
(London, United Kingdom)

ARGON-INDUCED M2 MACROPHAGE POLARIZATION IMPROVES NECROTIZING ENTEROCOLITIS-LIKE INTESTINAL EPITHELIAL CELL INJURY

F Balsamo, D Lee, S Zahir, A Zito, C Lee, J T Maynes, A Pierro
(Toronto, Canada)

A NOVEL TREATMENT OF NECROTIZING ENTEROCOLITIS: VEGF-A164 MRNA ENCAPSULATED IN LIPID NANOPARTICLES

S. Zahir, C. Chen, M. Zhou, M. Yeganeh, F. Balsamo, B. Li, A. Pierro
(Toronto, Canada)

NATIVE LIVER TRANSCRIPTOMICS IN RELATION TO DUCTULAR REACTION AND SURGICAL OUTCOMES IN BILIARY ATRESIA

S Kerman, I Nyholm, J Lohi, M Hukkinen, A Kyrölahti, M Davenport, MP Pakarinen
(Helsinki, Finland)

12:30 – 13:30 **LUNCH**

13:30 – 15:00 **SCIENTIFIC SESSION III** (6 + 3 mins)

Chairs: *Florian Friedmacher (Frankfurt, Germany)*

Takashi Doi (Osaka, Japan)

Jorge Correia Pinto (Braga, Portugal)

THE BURDEN OF DISEASE IN THE FIRST YEAR OF LIFE IN CHILDREN WITH OESOPHAGEAL ATRESIA: A 24-YEAR NATIONAL POPULATION-BASED STUDY

N Durkin, M Pellegrini, P De Coppi, S Eaton, J Tan

(London, United Kingdom)

A HUMAN REGIONALLY ORGANISED GASTROESOPHAGEAL ASSEMBLOID MODEL OF REFLUX INJURY

Giada Benedetti, Sofia Baldelli, Yang Yang, Paolo De Coppi, Giovanni Giuseppe Giobbe

(London, United Kingdom)

INCREASED MATERNAL MORTALITY AND HEALTHCARE UTILIZATION BEFORE AND AFTER THE BIRTH OF A CHILD WITH A CONGENITAL SURGICAL ANOMALY: A 50-YEAR POPULATION-BASED MATCHED COHORT STUDY

Marietta Jank, Ghazale Farjam, Charanpal Singh, Heather J. Prior, Michael Boettcher, Suyin A. Lum Min, Richard Keijzer

(Mannheim, Germany)

LZTR1 DEFICIENCY CAUSES DILATED CARDIOMYOPATHY AND IS AMELIORATED BY AAV-MEDIATED GENE REPLACEMENT

J Xiang, J Ruan, W Xu

(Zhejiang, China)

DISEASE-SPECIFIC ENDOTHELIAL DEPENDENCY ON ANGIOPOIETIN-2 SIGNALING IN KAPOSIIFORM HEMANGIOENDOTHELIOMA

Yuru Lan, Jiangyuan Zhou, Tong Qiu, Xue Gong, Kaiying Yang, Zixin Zhang, Yulang Xu, Shanshan Xiang, Zilong Zhou, Yi Ji

(Chengdu, China)

PLASMA PROTEOMIC ANALYSIS OF NECROTIZING ENTEROCOLITIS REVEALS DYNAMIC DEPLETION CHARACTERISTICS OF IMMUNOTHROMBOSIS-RELATED PROTEINS

Li Lu, Tingting Gao, Zhibao Lyu

(Shanghai, China)

STROMAL CELL AND EXTRACELLULAR MATRIX REMODELING IN HIRSCHSPRUNG DISEASE

D. Lee, J. Yang, B. Li, A. Pierro

(Toronto, Canada)

REMOTE ISCHEMIC CONDITIONING IMPROVES FEEDING-INDUCED INTESTINAL BLOOD FLOW ADAPTATION IN IMMATURE NEONATAL MICE

Y.H. Li, F. Balsamo, D. Lee, S. Zahir, A. Pierro

(Toronto, Canada)

COMPREHENSIVE LONG-TERM OUTCOMES AFTER LAPAROSCOPIC PORTOENTEROSTOMY BETWEEN 2009 AND 2015: NATIVE-LIVER SURVIVAL AND TRANSPLANTATION TRENDS

J Cazares, K Tsuboi, M Takeda, S Shibuya, M Kasahara, G Miyano, H Koga, A Yamataka
(Tokyo, Japan)

NEURAL NETWORK MODEL OF HISTOLOGIC LIVER INJURY IDENTIFIES PORTAL VASCULATURE AS AN IMPORTANT OUTCOME PREDICTOR OF KASAI PORTOENTEROSTOMY IN PATIENTS WITH BILIARY ATRESIA

A. M. Salonen, N. Sjöblom, S. Boyd, J. Lohi, I. Nyholm, M. Davenport, M. P. Pakarinen
(Helsinki, Finland)

15:00 – 15:30 **COFFEE BREAK**

15:30 – 17:30 **SCIENTIFIC SESSION IV** (5 + 3 mins)

Chairs: *Atsuyuki Yamataka* (Tokyo, Japan)
 Mikko Pakarinen (Helsinki, Finland)
 Carmelo Romeo (Messina, Italy)

A NOVEL NEURAL NETWORK MODEL FOR QUANTIFYING PORTAL FIBROSIS AND OTHER PATHOPHYSIOLOGICAL KEY ELEMENTS OF DUCTULAR REACTION IN BILIARY ATRESIA

A. M. Salonen, N. Sjöblom, S. Boyd, J. Lohi, I. Nyholm, M. Davenport, M. P. Pakarinen
(Helsinki, Finland)

SINGLE-CELL TRANSCRIPTOMIC ANALYSIS REVEALS THE DEVELOPMENTAL ORIGIN, CELLULAR HETEROGENEITY, AND MICROENVIRONMENTAL FEATURES OF PEDIATRIC YOLK SAC TUMORS

M. Li, R. Dong
(Shanghai, China)

IN VITRO MODELLING OF PATHOLOGICAL AND ETIOLOGICAL PROCESSES OF BILIARY ATRESIA USING IPSCS AND TISSUE DERIVED HEPATIC ORGANOIDSM

Natalie Schuerkötter, *Felix Raetker*, *Hassan Toufaily*, *Nico Lachmann*, *Jens Dingemann*,
Nagoud Schukfeh, *Adan Chari Jirimo*
(Hannover, Germany)

LOWER BIRTH WEIGHT AND LOWER GESTATIONAL AGE ARE ASSOCIATED WITH SIBLINGS OF CHILDREN WITH NEONATAL SURGICAL CONDITIONS: A POPULATION-BASED MATCHED COHORT STUDY

S Shimizu, *G Farjam*, *SA Lum Min*, *G Miyano*, *R Keijzer*
(Winnipeg, Canada)

MESENCHYMAL STEM CELL SHEETS REDUCE LIVER DAMAGE AND FIBROSIS OF A RAT IFALD MODEL

R. Sueyoshi, *J. Homma*, *S. Yamada*, *M. Kawakami*, *K. Tanabe*, *O. Segawa*
(Tokyo, Japan)

SYSTEMIC AMINO ACIDS METABOLIC COLLAPSE IN NECROTIZING ENTEROCOLITIS

K Sugita, B Li, C Lee, M Shimizu, S Zahir, G Abichedid, D Lee, C Wang, F Balsamo, J Yang, A Zito, G Biouss, N Hashizume, S Ieiri, A Pierro
(Toronto, Canada)

A MATCHED COMPARISON OF LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION WITH VS WITHOUT ICG FLUORESCENCE

J Cazares, H Koga, G Miyano, M Takeda, Y Miyake, S Shibuya, A Yamataka
(Tokyo, Japan)

CHARACTERISTICS AND ENVIRONMENTAL INFLUENCES ON FIRST-PASS MECONIUM MICROBIOTA IN NEONATES WITH CONGENITAL INTESTINAL ATRESIA

A. Fukada, K. Suda, D. Motooka, A. Ishiyama, Y. Nishimura, K. Fujiwara, T. Ochi, Y. Yamamoto, S. Nakamura, A. Yamataka, G. Miyano
(Tokyo, Japan)

SPATIAL TRANSCRIPTOMICS OF NATIVE LIVER BIOPSIES FOR ASSESSMENT OF LIVER INJURY FOLLOWING KASAI PORTOENTEROSTOMY IN BILIARY ATRESIA

S Kerman, AM Salonen, VJ Väyrynen, J Lohi, MP Pakarinen
(Helsinki, Finland)

A STERILE CLOSED-LOOP DECELLULARIZATION SYSTEM PREVENTS SELECTIVE ENRICHMENT OF MULTI-RESISTANT GRAM-NEGATIVE BACTERIA IN PORCINE OESOPHAGEAL SCAFFOLDS

N.Durkin, M.Scuglia, R.Lutman, G.Patera, S.Shibuya, M.Garrido Flores, P.Bonfanti, S.Eaton, P.De Coppi, M.Pellegrini
(London, United Kingdom)

ESTABLISHMENT AND CHARACTERISATION OF PRIMARY HUMAN OESOPHAGEAL ORGANIDS AS A VERSATILE EPITHELIAL MODEL

Giada Benedetti, Paolo De Coppi, Giovanni Giuseppe Giobbe
(London, United Kingdom)

PRENATAL ORGANIDS FOR PERSONALISED PERINATAL MEDICINE: THE EXAMPLE OF CONGENITAL DIAPHRAGMATIC HERNIA

R Matias de Sousa, GJ Zhang, G D'Ariano, A Mariani, C Riemer, G Calà, K Y Sun, G M Carrino, M Scuglia, C Camilli, I Fabietti, F M Russo, S P Loukogeorgakis, A L David, S Eaton, P Shangaris, A F M Pellegata, J Deprest, A Benachi, P De Coppi, M FM Gerli
(London, United Kingdom)

HEPARAN SULPHATE EXPRESSION IN HIGH-RISK NEUROBLASTOMA

V. Solari, Y.A. DeClerck, J.E Turnbull, E.A. Yates
(Vienna, Austria)

OUTCOMES AFTER FETOSCOPIC ENDOLUMINAL TRACHEAL OCCLUSION FOR RIGHT-SIDED CONGENITAL DIAPHRAGMATIC HERNIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

U.M. PIERUCCI, I. PARABOSCHI, J.L. PEIRO, A.K. SAXENA, M. MARINARO, C. DI FRANCO, R. RUANO, G. PELIZZO
(Milan, Italy)

PEPTIDE-BASED TARGETED CONJUGATES FOR FLUORESCENCE-GUIDED SURGERY AND PHOTOTHERAPY OF PEDIATRIC SOLID TUMORS

L. Sítia, I. Paraboschi, U.M. Pierucci, B. Colombo, A.M. Gasparri, G. Taiè, V. Barreca, A. Pocaterra, A. Gori, R.M. Moresco, S. Abati, G. Pelizzo, A. Corti, F. Curnis
(Milan, Italy)

19:00

GALA DINNER

SATURDAY, 10TH OCTOBER 2026

8:30 – 10:00 **SCIENTIFIC SESSION V** (4 + 2 mins)

Chairs: *Tomas Wester* (Stockholm, Sweden)
 Augusto Zani (St. Louis, USA)
 Pietro Impellizzeri (Messina, Italy)

BIOTUBE/BIOSHEET AS A COLLAGEN-BASED SCAFFOLD FOR VAGINAL RECONSTRUCTION: EVALUATION IN A RAT MODEL

T Sakai, Y Nakayama, K Matsuki, S Umeda, Y Tazuke, T Oue
(Hyogo, Japan)

DISTINCT GUT MICROBIAL SIGNATURES IN PRETERM INFANTS WITH GASTROINTESTINAL SYMPTOMS WITHOUT NECROTIZING ENTEROCOLITIS

M. Duci, A. Zaramella, L. Moschino, M. Calgaro, N. Vitulo, F. Fascetti Leon
(Padua, Italy)

BILIARY ATRESIA ASSOCIATED ALPHA-1-ANTITRYPSIN CLEAVABLE PEPTIDES DISPLAY PRO-INFLAMMATORY EFFECTS ON PERIPHERAL BLOOD MONOCYTES IN-VITRO

J Weidner, N Schürkötter, F Raetker, S Langreen, J Dingemann, N Schukfeh, AC Jirno
(Hannover, Germany)

PLACENTAL EXTRACELLULAR VESICLES REDUCE THE SEVERITY OF INTESTINAL ISCHEMIA-REPERFUSION INJURY IN RATS THROUGH ANTI-INFLAMMATORY AND ANTI-APOPTOTIC EFFECTS

I. Sukhotnik, Y. Ben-Shahar, Y. Pollak, Y. Kurland, A. Aharon
(Tel Aviv, Israel)

NOVEL BIOLOGICAL INSIGHTS INTO IMMUNE REGULATION IN CONGENITAL DIAPHRAGMATIC HERNIA LUNGS AND APPLICATIONS OF SYNTHETIC IMMUNOMODULATORY PEPTIDES IN A NITROFEN-INDUCED CDH RAT MODEL

S Shimizu, Y Miyake, B Eyrikson, J Wang, R Tanaka, D Patel, A Ozturk, C L Marshall, H Mahadevappa, G Miyano, N Mookherjee, R Keijzer
(Winnipeg, Canada)

DIFFERENTIAL EXPRESSION OF TIAM1 AND CIRCTIAM1: THEIR POTENTIAL ROLE IN THE PATHOGENESIS IN A NITROFEN-INDUCED RAT MODEL OF CONGENITAL DIAPHRAGMATIC HERNIA

R Tanaka, A Ozturk, C McCallum, N De Leon, D Patel, Elly Wu, Athanasios Zovoilis, H Sattarifard, T Doi, R Keijzer
(Winnipeg, Canada)

INCREASED RISK OF AUTISM SPECTRUM DISORDER (ASD) IN CONGENITAL DIAPHRAGMATIC HERNIA (CDH) SURVIVORS RELATED TO THE HIGHER INCIDENCE OF EXTREME PREMATURITY: A POPULATION-BASED STUDY

P. Nord, C Mesas Burgos, B Kutasy
(Stockholm, Sweden)

HEPATICODUODENOSTOMY OR HEPATICOJEJUNOSTOMY: IS DUODENO-GASTRIC REFLUX A DETERMINANT FACTOR FOLLOWING CHOLEDOCHAL CYST REPAIR?

MK Nagendra, S Sharma, DK Gupta, R Mallick, MC Sharma
(New Delhi, India)

OVOTESTICULAR DIFFERENCES OF SEX DEVELOPMENT: PHENOTYPE, GENDER ASSIGNMENT, SURGICAL RECONSTRUCTION AND LONG-TERM OUTCOMES

S Sharma, DK Gupta
(New Delhi, India)

A NEW AI PIPELINE FOR CLINICAL DATA COLLECTION AND ANALYSIS TO PREDICT OUTCOMES IN CONGENITAL DIAPHRAGMATIC HERNIA

R Matias de Sousa, C. Riemer, R Amiri, GJ Zhang, G D'Ariano, A Mariani, G Calà, K Y Sun, C Camilli, M Scuglia, A F M Pellegata, P Shangaris, S P Loukogeorgakis, A L David, I Fabietti, F M Russo, A Letourneau, S Eaton, J Deprest, A Benachi, P De Coppi, MFM Gerli
(London, United Kingdom)

EARLY DOWNREGULATION OF REGENERATING ISLET-DERIVED PROTEIN 3 GAMMA EXPRESSION PRECEDES HIRSCHSPRUNG-ASSOCIATED ENTEROCOLITIS IN ENDOTHELIN RECEPTOR TYPE B-DEFICIENT MICE

H. Nakamura, N. Fujiwara, K. Suda, N. Okawada, H. Yamakawa, N. Aoki, R. Tanaka, S. Yoshimoto, T. Okunobo, R. Satake, G. Miyano, T. Doi
(Osaka, Japan)

ANASTOMOTIC HEALING: INFLUENCE OF DIFFERENTIALLY POLARIZED MACROPHAGES THROUGH UPREGULATION OF GENES IN VARIOUS SIGNALLING PATHWAYS

N. Schukfeh, L. Bode, B. Schulz, M. Schinke, F. Saleh, B. Liu, N. Lachmann, Jens Dingemann, AC. Jirno
(Hannover, Germany)

CLINICAL UTILITY OF TARGETED ULTRA-DEEP SEQUENCING FOR THE MOLECULAR DIAGNOSIS AND PRECISE CLASSIFICATION OF PAEDIATRIC VASCULAR ANOMALIES: A COHORT STUDY OF 80 PATIENTS

Zixin Zhang, Yi Ji
(Chengdu, China)

LONGITUDINAL EVOLUTION OF BLADDER FUNCTION AND ITS ASSOCIATION WITH RENAL OUTCOMES IN CHILDREN WITH POSTERIOR URETHRAL VALVES (PUV)

I. Paraboschi, M. Marinaro, G. Pelizzo, A. Pistorio, J. Clothier, R. Manuele, M. Gariboli
(Milan, Italy)

UVB-INDUCED REGULATION OF NOTCH1 SIGNALING IN HUMAN KERATINOCYTES AND PIGMENTED Dermo-EPIDERMAL SKIN SUBSTITUTES

J. Giroud, L. Gugler, D. Zielinska, M. Nanni, K. Michalak-Micka, T. Biedermann, U. Moehrlen, A. S. Klar
(Zurich, Switzerland)

10:00 – 10:30 **COFFEE BREAK**

10:30 – 12:30 **SCIENTIFIC SESSION VI** (4 + 2 mins)

Chairs: *Richard Keijzer* (Winnipeg, Canada)
 Shilpa Sharma (New Delhi, India)
 Sara Costanzo (Milan, Italy)

FUNCTIONAL CHARACTERIZATION OF HUMAN CD39+ PAPILLARY DERMAL FIBROBLASTS IN REGENERATION AND MATURATION OF Dermo-EPIDERMAL SKIN SUBSTITUTES

K. Michalak-Micka, R. D. Long, A. S. Klar, T. Biedermann, U. Moehrlen
(Zurich, Switzerland)

EXTRACELLULAR VESICLES-BASED TREATMENT FOR NECROTIZING ENTEROCOLITIS-LIKE INJURIES: A SYSTEMATIC REVIEW AND META-ANALYSIS OF PRECLINICAL STUDIES

M. Duci, L. Antounians, C.M Canonica, A. Zani, F. Fascetti Leon
(Padua, Italy)

PREGNANCY OUTCOMES IN WOMEN WITH A HISTORY OF CONGENITAL SURGICAL ANOMALIES OR NECROTIZING ENTEROCOLITIS: A 30-YEAR POPULATION-BASED RETROSPECTIVE MATCHED COHORT STUDY

R Tanaka, G Farjam, T Doi, SA Lum Min, R Keijzer
(Winnipeg, Canada)

HISTOPATHOLOGICAL FINDINGS AFTER ELECTIVE INTERVAL APPENDECTOMY FOLLOWING SUCCESSFUL NONOPERATIVE MANAGEMENT OF UNCOMPLICATED ACUTE APPENDICITIS

R Abiko, N Ohashi, M Shimizu, H Goto, A Fukada, T Iwakami, J Cazares, H Koga, A Futagawa, Y Innami, Y Okada, Y Nagakawa, A Yamataka
(Tokyo, Japan)

FIRST FETAL ECHOCARDIOGRAPHIC ASSESSMENT OF VENTRICULAR FUNCTION IN THE NITROFEN RAT MODEL OF CONGENITAL DIAPHRAGMATIC HERNIA

R.L. Figueira, W. Wei, M. Garcia, F. Doktor, L. Antounians, N. Patel, M.T. Harting, M. K. Friedberg, A. Zani
(St. Louis, USA)

NEUROBLASTOMA HETEROGENEITY IN 3D ORGANOID MODELS

K. Mebelli, J. Bielanska, J. Ruth, E. Madoerin, J. Shi, C. Riboni, S. Silva, S.G Holland-Cunz, S. J Gros
(Basel, Switzerland)

INNOVATIVE SELF-DEPLOYING CAPSULE FOR THE TREATMENT OF BLEEDING ULCERS IN THE IN THE JEJUNUM AND ILEUM

A. Morabito, D. Bani, I. Chiesa, C. De Maria, F. Errante, A. Guerra, L. Pascucci, G. Raffaele, P. Rovero, G. Scattini, L. Valentini
(Florence, Italy)

PEDIATRIC OBESITY AND PERIOPERATIVE RISK: ADIPOSE TISSUE MICRORNA PROFILING SUGGESTS AN EARLY “OBESOGENIC MEMORY”

G. Capelo, M. Ceresola, C. Gervasoni, C. Ceriani, A. Lanzotti, G.R. Bertoli, E. Cordaro, V. Calcaterra, G. Pelizzo
(Milan, Italy)

NON-INVASIVE METABOLOMIC BIOMARKERS FOR SURGICAL DECISION-MAKING IN PEDIATRIC HYDRONEPHROSIS

M. Garriboli, I. Paraboschi, U.M. Pierucci, M. Marinaro, D. Grasso, M.C. Mimmi, A. Bernini, G. Pelizzo
(Milan, Italy)

SHORT-TERM OUTCOMES OF ROBOTIC-ASSISTED SINGLE-PORT VERSUS MULTI-PORT CYST EXCISION AND HEPATICOJEJUNOSTOMY FOR PEDIATRIC CHOLEDOCHAL CYSTS

Zhou Chen, Ting Xu, Yan Li, Jiangbin Liu, Agostino Pierro, Zhibao Lyu, Haitao Zhu
(Shanghai, China)

UVB-INDUCED CHANGES IN EPIDERMAL MARKER EXPRESSION IN HUMAN PIGMENTED DERMO-EPIDERMAL SKIN SUBSTITUTES IN VIVO

T. Biedermann, A. S. Klar, J. Giroud, U. Moehrlen, K. Michalak-Micka
(Zurich, Switzerland)

THE ROLE OF MUSCLE SATELLITE CELLS IN CREMASTER MUSCLE REMODELING IN PEDIATRIC UNDESCENDED TESTIS

F. Cassaro, P. Impellizzeri, I. Papaleo, S. D’Antoni, A. Favaloro, C. Romeo, S. Arena
(Messina, Italy)

SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF CELLULAR STATES AND MICROENVIRONMENTAL CHANGES DURING TRANSFORMATION FROM NEUROFIBROMA TO MALIGNANT PERIPHERAL NERVE SHEATH TUMOR

M. Li, R. Dongh
(Shanghai, China)

COMPARATIVE STUDY ON EFFICACY OF REX SHUNT VERSUS WARREN SHUNT IN THE TREATMENT OF EXTRAHEPATIC PORTAL VENOUS OBSTRUCTION IN CHILDREN

Z Wen, H Chen, JK Liang, QF Liang
(Guangzhou, China)

DEVELOPMENT OF A SIMPLE ANTENATAL-POSTNATAL SCORE FOR PREDICTING POSTERIOR URETHRAL VALVES IN NEONATES

U. M. Pierucci, E. Gehl, S. Chatila, A.A. Lachkar, A. Tanase, J. Rosenblatt, M. Alison, A. Paye, J. Hogan, C. Duneton, A. El-Ghoneimi, G. Pelizzo, V. Biran, M. Peycelon
(Paris, France)

GENOMIC COPY-NUMBER FINDINGS IN ISOLATED DISTAL HYPOSPADIAS: A 223-PATIENT SINGLE-NUCLEOTIDE POLYMORPHISM ARRAY COHORT

U.M. Pierucci, F. Frade, I. Peycelon, S. Chantot-Bastaraud, G. Quenum-Miraillet, M. Houang, L. Martinerie, A. Paye, C. Grapin-Dagorno, L. Ali, A.A. Lachkar, M.S. Amar, G. Audry, T. Blanc, M. Legendre, A. El Ghoneimi, J.P. Siffroi, G. Pelizzo, M. Peycelon
(Paris, France)

INTRAOPERATIVE ENDOFLIP-GUIDED CALIBRATION OF FUNDOPLICATION IN CHILDREN: A PRELIMINARY ANALYSIS OF ESOPHAGOGASTRIC JUNCTION DISTENSIBILITY AND CLINICAL OUTCOME

F. Destro, *I. Falconi, M. Meroni, G. Capelo, C. di Franco, B. Rosato, U.M. Pierucci, G. Pelizzo*

(Milan, Italy)

GENE EXPRESSION PROFILING OF CONGENITAL LUNG MALFORMATIONS REVEALS MOLECULAR SIGNATURES ASSOCIATED WITH CHRONIC INFLAMMATION AND BIOLOGICAL HETEROGENEITY

I. Paraboschi, *U.M. Pierucci, C. Ardenghi, M. Marinaro, M. Ceresola, E. Durante, S. Costanzo, M. Barisella, M. Nebuloni, G. Pelizzo*

(Milan, Italy)

GLOBAL BURDEN OF HEPATOBLASTOMA, SOFT TISSUE SARCOMAS, AND NEUROBLASTOMA IN CHILDREN FROM 1990 TO 2023: A COMPARATIVE ANALYSIS BASED ON THE GLOBAL BURDEN OF DISEASE STUDY 2023

T Li, *C Jiao, Y He, X Wu*

(Wuhan, China)

R(+) PROPRANOLOL INHIBITS ANGIOGENESIS IN INFANTILE HEMANGIOMA

X. Gong, *Y. Ji*

(Chengdu, China)

12:30 – 13:30 **LUNCH**

13:00 – 15:30 **SCIENTIFIC SESSION VII** (3 + 2 mins)

Chairs: *Igor Sukhotnik* (Tel Aviv, Israel)

Takaharu Oue (Hyogo, Japan)

Naho Fujiwara (Tokyo, Japan)

REAL-WORLD EXPERIENCE WITH MACHINE LEARNING IN PEDIATRIC ACUTE APPENDICITIS: A SINGLE-CENTER STUDY

F. Cassaro, *A. B. Dos Santos Bogalho, G. Cavatoli, G. Maisano, P. Antonuccio, P. Impellizzeri, S. Arena, C. Romeo*

(Messina, Italy)

UTILIZATION PATTERNS OF GENERATIVE ARTIFICIAL INTELLIGENCE BY PARENTS OF CHILDREN WITH CONGENITAL SURGICAL ANOMALIES: A QUESTIONNAIRE STUDY

Marietta Jank, *Tessa Hermann, Charlotte Reich, Alexander Bäuerle, Isaac Cano , Ramona Herwig, Preetha Moorthy, Fabian Siegel, Meike Weis, Anke Widenmann, Miriam Wilms, Cui Yang, Michael Boettcher*

(Mannheim, Germany)

GENETIC INSIGHT INTO PELVI-URETERIC JUNCTION OBSTRUCTION

Kanika Sharma, Sarita Chowdhary, Royanna Singh, Abhay Yadav, Nitish Kumar, Shiv Prasad Sharma
(Varanasi, India)

DIFFERENTIATION PRESERVES INTESTINAL IDENTITY IN HIRSCHSPRUNG DISEASE-DERIVED ORGANOID

J. Bielanska, R. Occhilupo, L. Lardi, E. Madörin, R. Angresius, S. Holland-Cunz, S. Gros
(Basel, Switzerland)

PREDICTING REINTERVENTION AFTER HYPOSPADIAS REPAIR: A MACHINE LEARNING-BASED ANALYSIS OF CLINICAL, MATERNAL, AND ENVIRONMENTAL FACTORS

C Todesco, P Chiacchiaretta, A Delli Pizzi, G Lauriti, G Lisi, ME Miscia
(Pescara, Italy)

TUMOR-EDUCATED PLATELET MESSENGER RNA SIGNATURES IN NEUROBLASTOMA AND THEIR POTENTIAL FOR MONITORING RESPONSE TO INDUCTION CHEMOTHERAPY

Yi Li, Rui Dong
(Shanghai, China)

CLINICAL FEATURES, SHORT-TERM OUTCOMES, AND PROGNOSTIC NOMOGRAM OF PREMATURE INFANTS WEIGHING <1500 g UNDERGOING GASTROINTESTINAL SURGERY

Yingying Huang, Weina Zhu, Agostino Pierro, Ming Yue, Haitao Zhu
(Shanghai, China)

PARTITIONING VARIABILITY IN PROTEOMIC IDENTIFICATION IN A RAT MODEL OF CONGENITAL DIAPHRAGMATIC HERNIA

J Qiao, R Balshaw, A Ozturk, D Patel, R Zahedi, Y Lao, R LeDuc, R Keijzer
(Winnipeg, Canada)

THE ROLE OF THE PLACENTA IN CONGENITAL DIAPHRAGMATIC HERNIA: A SYSTEMATIC REVIEW OF EXPERIMENTAL AND CLINICAL STUDIES

M. Pistone, L. Antounians, R. Lopes Figueira, A. Zani
(St. Louis, USA)

DEVELOPMENT OF AN AUDITORY FEEDBACK SYSTEM FOR EFFICIENT LAPAROSCOPIC TRAINING: A USER-CENTERED FEASIBILITY STUDY

R Gnatzy, HHJ Detjen, T-H Ha, F Weiler, D Black, P Zimmermann, JH Gosemann, JF Kuebler, M Lacher, T Neumuth, R Fuchs
(Leipzig, Germany)

THE PEDIATRIC APPENDICITIS SCORE VERSUS THE APPENDICITIS INFLAMMATORY RESPONSE SCORE IN CHILDREN: A SYSTEMATIC REVIEW AND META-ANALYSIS

Maierhaba Tuersuntuoheti, Kaizhi Zhang, Tong Qiu, Yi Ji
(Chengdu, China)

FUNCTIONAL AND RADIOLOGICAL RESPONSE OF EARLY VS LATE DECORTICATION IN PEDIATRIC EMPYEMA THORACIS: A SHORT-TERM FOLLOW-UP ANALYSIS

Kanika Sharma, Rajat Kumar Singh, Sarita Chowdhary, Sunil Kumar Rao, Pramod Kumar Singh, Anil Kumar Maurya, Shiv Prasad Sharma
(Varanasi, India)

FETAL LUNG CELL CULTURE AS MODEL SYSTEM FOR INVESTIGATING PRENATAL TOXIN EXPOSURE

J. R  th, L. Hofer, J. Bielanska, C. Riboni, Z. Huo, S.G. Holland-Cunz, S.J. Gros
(Basel, Switzerland)

TRANSFORMING GROWTH FACTOR BETA 1 PROMOTES ENDOTHELIAL-TO-MESENCHYMAL TRANSITION ACCOMPANIED BY METABOLIC CHANGES IN INFANTILE HEMANGIOMA

X. Gong, Y. Ji
(Chengdu, China)

IMMERSIVE VIRTUAL REALITY PLATFORM FOR PEDIATRIC ROBOTIC OPERATING ROOM PLANNING: FROM SIMULATION TO PATIENT SPECIFIC SURGERY

U.M. Pierucci, C. Gallotta, S. Costanzo, G. Capelo, C. Di Franco, I Falconi, F. Rizzetto, M. Vertemati, G. Pelizzo
(Milan, Italy)

INCIDENCE AND RISK FACTORS OF ULCERATED INFANTILE HAEMANGIOMAS: A SYSTEMATIC REVIEW AND META-ANALYSIS

Maierhaba Tuersuntuoheti, Kaizhi Zhang, Zixin Zhang, Yi Ji
(Chengdu, China)

CLINICAL CHARACTERISTICS OF BRONCHIAL ATRESIA: A MULTICENTER STUDY FROM THE EAST ASIA PEDIATRIC SURGERY RESEARCH CONSORTIUM

Y Tsuruno, N Nishida, S Onishi, P Wong, K Ota, T Suzuki, E Lau, S Shibuya, C Shiota, M Yu, T Tainaka, S Yoshida, G Miyano, H Uchida, K Wong, S Ieiri
(Kagoshima, Japan)

INFLUENCE OF OESOPHAGEAL ATRESIA TYPE, TIMING AND SURGICAL APPROACH ON ANASTOMOTIC STRICTURE OUTCOMES: A SINGLE-CENTRE EXPERIENCE

A Sterlin, A Kelay, J Rosen, A Younes, A Rybak, K Nikaki, P Patel, E Rose, S Eaton, S Giuliani, P De Coppi, J Curry, D Mullassery
(London, United Kingdom)

RISING CASES AND HEALTHCARE COSTS OF PAEDIATRIC CYSTIC ECHINOCOCCOSIS IN GERMANY – A NATIONWIDE HEALTH INSURANCE CLAIMS AND SINGLE CENTRE

S Langreen, S Juhl, J Weidner, L Wennemann, J Blaser, J Zeidler, J Dingemann, N Schukfeh
(Hannover, Germany)

COMPARISON OF EFFICACY BETWEEN LAPAROSCOPIC END-TO-SIDE ANASTOMOSIS AND LAPAROSCOPIC UPPER-POLE URETERAL REIMPLANTATION IN THE TREATMENT OF PEDIATRIC DUPLEX URETERAL MALFORMATIONS

Zhaohui Wang, Qianlong Peng, Wen Tian, Yaowang Zhao
(Changsha, China)

EARLY CLINICAL, BIOCHEMICAL AND ANATOMICAL OUTCOMES OF POSTERIOR URETHRAL VALVE ABLATION USING A URETHRAL VALVOTOME: A PROSPECTIVE COHORT STUDY

A Joseph, S S Menon
(Kerala, India)

PRENATAL EXPOSURE TO DRINKING WATER CONTAMINANTS AND ONSET OF CONGENITAL ANOMALIES: A SYSTEMATIC REVIEW

C. Riboni, K. Mebelli, C. Paganetti, J. Bielanska, J. Rüth, S. Holland-Cunz, S. Gros
(Basel, Switzerland)

PHYSICAL GROWTH IN SCHOOL-AGE CHILDREN FOLLOWING ESOPHAGEAL ATRESIA REPAIR

H Miyake, A Nomura, Y Tanaka, Y Gohda, T Iwakami, K Fukumoto
(Shizuoka, Japan)

SYNERGISTIC EFFECT OF REVERSIBLE ELECTROPORATION AND BLEOMYCIN INFUSION FOR TREATMENT OF COMPLEX VASCULAR MALFORMATIONS: PHYSICAL-BIOLOGICAL PRINCIPLES AND CLINICAL APPLICATIONS

V.Baraldini, S.Pasquadibisceglie, C.Guttadauro, G.Pelizzo
(Milan, Italy)

LAPAROSCOPIC PERCUTANEOUS EXTRAPERITONEAL CLOSURE DOES NOT REDUCE POSTOPERATIVE PAIN IN PEDIATRIC PATIENTS WITH INGUINAL HERNIAS

M. Tominaga, H. Sato, S. Kimura, N. Fukunaga, S. Osawa, A. Tayama, N. Nakayama, Y. Watarai
(Tokyo, Japan)

15:30 – 16:00 **COFFEE BREAK**

16:00 – 18:00 **SCIENTIFIC SESSION VIII** (3 + 2 mins)

Chairs: *Nana Nakazawa* (Tokyo, Japan)
 Irene Paraboschi (Milan, Italy)
 Marco Pellegrini (London, United Kingdom)

EXPLORING AI APPLICATIONS IN PRENATAL DIAGNOSIS OF CONGENITAL ANOMALIES: FINDINGS FROM A SYSTEMATIC REVIEW

G. Riccipetitoni, M. Gazzaneo, G. Fusi
(Pavia, Italy)

T3DDY LAB: INTEGRATING CAD, 3D PRINTING, AND SIMULATION TO DEVELOP AN ECOSYSTEM FOR PEDIATRIC ROBOTIC SURGERY

Marco Di Mitri, Michele Maria Cantagalli, Yari Volpe, Antonino Morabito, Riccardo Coletta
(Florence, Italy)

GLOBAL PERSPECTIVES ON SURGICAL DECISION-MAKING IN DISORDERS OF SEX DEVELOPMENT: AN INTERNATIONAL MULTIDISCIPLINARY SURVEY

S Sharma, T Banu, A Elgohary, N Talat, H Ozbey, H Yu, U Ezomike, A Yamataka
(New Delhi, Italy)

INCIDENCE OF PROSTATIC UTRICLE IN THE PEDIATRIC POPULATION: A SYSTEMATIC REVIEW OF THE LITERATURE

ME Miscia, V Cascini, D Di Renzo, G Lisi, G Lauriti
(Pescara, Italy)

GENETIC FINDINGS IN FAMILIAL AND CONSANGUINEOUS HYPOSPADIAS USING WHOLE-EXOME SEQUENCING

U.M. Pierucci, H. Morel, A. Rouen, N. Kalfa, V. Bidault, G. Quenum-Miraillet, A. Bergougnoux, S. Chantot-Bastarud, C. Grapin, M. Houang, L. Martinerie, G. Audry, M. Legendre, A. Paye-Jaouen, S. Amselem, A. El Ghoneimi, P. Philibert, J.P. Siffroi, G. Pelizzo, M. Peycelon
(Paris, France)

LATERALITY, MIDLINE INVOLVEMENT, AND SIDE CONCORDANCE IN SEGMENTAL INFANTILE HEMANGIOMAS

Y. Zhang, Y. Ji
(Chengdu, China)

DISTRIBUTION AND NUMBERS OF GANGLION CELLS IN THE RESECTED INTESTINES IN HIRSCHSPRUNG'S DISEASE

N. Fukunaga, M. Tominaga, S. Kimura, S. Osawa, A. Tayama, N. Nakayama, H. Sato, Y. Watarai
(Tokyo, Japan)

OUTCOMES OF PEDIATRIC LIVER TRANSPLANTATION: A PROPOSAL FOR MULTIDISCIPLINARY CARE IMPROVEMENT

N Tantemsapya, P Kositamongkol
(Bangkok, Thailand)

CONCURRENT BILIARY ATRESIA AND INTESTINAL ATRESIA: A SYSTEMATIC REVIEW OF CLINICAL CHARACTERISTICS, PATHOGENESIS, MANAGEMENT, AND OUTCOMES

Z Hasan, R Prasad, O P Purbey, M M Ali, V K Thakur, R Yadav, V Kumar
(Patna, India)

PREDICTORS OF POSTOPERATIVE COMPLICATIONS IN PEDIATRIC ACUTE PERFORATED APPENDICITIS: A NINE-YEAR RETROSPECTIVE STUDY

N. Aldhamdi, A. Alzamil, M. Azhar, S. Jalil, F. Nouman, F. AlJubair
(Riyadh, Saudi Arabia)

FACTORS ASSOCIATED WITH DELAYED PRESENTATION OF UNDESCENDED TESTES IN CHILDREN: A CROSS-SECTIONAL STUDY

A Joseph

(Kerala, India)

RECURRENT APPENDICITIS FOLLOWING NONOPERATIVE MANAGEMENT OF PEDIATRIC ACUTE UNCOMPLICATED APPENDICITIS: IS IT A SURGICAL EMERGENCY?

K. Fridman, Y. Kurland, O. Schaffer, M. Eckstein, I. Sukhotnik

(Tel Aviv, Israel)

CONTEMPORARY THERAPEUTIC STRATEGIES FOR PULMONARY HYPERTENSION IN NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA

A Joseph, S Sharma

(New Delhi, India)

INVERSE KLIPPEL–TRENAUNAY SYNDROME WITH MOSAIC PIK3CA VARIANTS: CLINICAL FINDINGS IN TWO PATIENTS AND REVIEW OF VASCULAR ANOMALY PHENOTYPES WITH REGIONAL UNDERGROWTH

Yuru Lan, Yunyan Han, Jiangyuan Zhou, Tong Qiu, Zixin Zhang, Xue Gong, Yulang Xu, Yi Ji

(Chengdu, China)

LONG TERM QUALITATIVE ASSESSMENT OF AUTOLOGOUS BIOENGINEERED SKIN GRAFT IN FULL THICKNESS CHEMICAL BURN IN NEONATE: THE OLDER PATIENT OF THE ONGOING RANDOMIZED CONTROLLED TRIAL

F. Zamparelli, D. Marino, M. Meuli, C.M. Schiestl, M. Zamparelli

(Napoli, Italy)

EPIDEMIOLOGY, INJURY PATTERNS AND OUTCOMES OF PEDIATRIC TRAUMA AT A TERTIARY CARE CENTRE: A RETROSPECTIVE OBSERVATIONAL STUDY

S Sharma, S Kaushik, B Mishra, N Choudhary

(New Delhi, India)

PROPRANOLOL AS SALVAGE TREATMENT IN CHILDREN WITH KASABACH-MERRITT PHENOMENON REFRACTORY TO SIROLIMUS PLUS PREDNISOLONE

Y. Zhang, J. Zhou, T. Qiu, Y. Ji

(Chengdu, China)

COMPARISON OF ANDROGEN RECEPTOR SEQUENCES IN BLOOD AND FORESKIN TISSUE FROM BOYS WITH HYPOSPADIAS

U.M. Pierucci, A. Ndubisi, F. Frade, I. Peycelon, M. Legendre, C. Hyon, G. Quenum-Miraillet, M. Houang, L. Martinerie, S. Chantot-Bastaraud, G. Audry, A. Paye, L. Ali, A. El Ghoneimi, J.P. Siffroi, G. Pelizzo, M. Peycelon

(Paris, France)

ARTIFICIAL INTELLIGENCE IN HYPOSPADIAS: FROM PREOPERATIVE PHENOTYPING TO SURGICAL OUTCOME PREDICTION

M. Marinaro, U.M. Pierucci, F. Marinoni, E. Vestri, I. Paraboschi, G. Pelizzo

(Milan, Italy)

COMPARING CHILDREN HOSPITAL OF ALLIANCE (CHART) AND UNIVERSITY HOSPITAL OF PLYMOUTH (UHP) PRIORITISATION TOOLS TO IDENTIFY HEALTHCARE INEQUALITIES AMONG PATIENTS ON PAEDIATRIC UROLOGY WAITING LIST

H Elfar, *H Wolf, K Evans, H Elagami, F Murphy*
(London, United Kingdom)

FAMILY-ORIENTED PSYCHOLOGICAL CARE IN NEWBORN SURGERY: A MULTIDISCIPLINARY NARRATIVE SYNTHESIS AND PRACTICAL CLINICAL FRAMEWORK

U.M. Pierucci, *E. Vegni, G. Pelizzo*
(Milan, Italy)

DURABLE DISEASE CONTROL WITH SINTILIMAB AND EVEROLIMUS IN A CHILD WITH RECURRENT METASTATIC HISTIOCYTIC SARCOMA: AN INTEGRATED MOLECULAR

Yi Li, *Rui Dong*
(Shanghai, China)

CLINICAL CHARACTERISTICS AND OUTCOMES OF EARLY POST-TRAUMATIC SEIZURES IN CHILDREN WITH NORMAL CRANIAL IMAGING

Min Xi, Hangyu Shi, Jian Su
(Xi'an, China)

PROSPECTIVE IDENTIFICATION OF HEALTH CARE INEQUALITIES USING UNIVERSITY HOSPITAL OF PLYMOUTH PRIORITISATION TOOL IN PAEDIATRIC UROLOGY WAITING LIST

H Elfar, *K Evans, H Elagami, F Murphy*
(London, United Kingdom)

EDUCATIONAL EVALUATION OF A NOVEL THORACOSCOPIC SURGICAL TRAINING MODEL

S Sharma, J Rathore, A Agrawal, V Arora, M Jassal, Gunadi, M S Rao
(New Delhi, India)

18:00

CLOSING REMARKS

Prem Puri