



# Thursday 17 March 2022

## 09:00-09:15 WELCOME AND OPENING

## 09:15-10:30 PLENARY 1: AT THE EDGE OF VIABILITY: INTENSIVE CARE BEFORE 24 WEEKS?

Chairs: L. Goossens (UZ Gent) & D. Kelen (ULB)

### **P1. A neonatologist view**

E. Shinwel, Ziv Medical Center, Tsfat Dean of Medical Education, Azrieli Faculty of Medicine, Bar-Ilan University Israel

### **P2. An ethicist view**

D. Wilkinson, University of Oxford, United Kingdom

## 10:30-11:15 COFFEE BREAK AND POSTERS

## 10:30-11:00 POSTER WALK (P1 - P18)

Click [here](#) for full overview

## 10:30-11:00 SATELLITE SYMPOSIUM PFIZER



### **Meningococcal Disease Today**

M. Raes, Jessa Ziekenhuis Hasselt

## 11:15-12:45 PARALLEL SUBSPECIALITY SESSIONS 1

### A. CARDIOLOGY

Chairs: L. Muiño-Mosquera (UZ Gent) & S. Moniotte (UCL)

### **Genetics and congenital heart disease: an update**

I. Meerschaut, UZ Gent

### **Le coeur dans les maladies pédiatriques systémiques**

N. Arribard, HUDERF

L. Slegers, HUDERF

### **New rules cause shortages in Interventional pédiatric cardiology**

T. Sluysmans, UCL

K. Carbonez, UCL

### **The lymphatics: current knowledge on the forgotten system**

T. Salaets, UZ Leuven



## **B. INFECTIOLOGY & PNEUMOLOGY**

Chairs: D. Van der Linden (UCL) & F. Piérart (CHC Liège)

### **Rationale use of antibiotics (60 min)**

#### ***Interactive case discussion***

M.L. Oberweis, UCL & K. Vanden Driessche, UZA

#### ***Use of azithromycin in the paediatric respiratory field***

##### ***- PRO***

C. Kempeneers, ULG

##### ***- CON***

F. Vermeulen, KUL

#### ***- Summary & take home message***

J. Frère, ULG

### **Vaccination (30 min)**

#### ***RSV vaccination and long acting monoclonal antibodies, state of the art***

M. Raes, Jessa Ziekenhuis Hasselt

#### ***Pneumococcal vaccination***

S. Blumental, ULB/HUDERF

## **C. ENDOCRINOLOGY & NEUROLOGY**

Chairs: P. Leroy (CHU Liège)

#### ***Effects of methylphenydate on growth***

C. Brachet, HUDERF

#### ***Anti-seizures medications and (thyroid) hormone homeostasis***

A. Rochtus, UZ Leuven

#### ***Growth delay in common genetic syndromes with neurological involvement: mechanisms, investigations and treatments***

J. De Schepper, UZ Brussel

## **D. NEONATOLOGY & GASTRO-ENTEROLOGY / NUTRITION**

Chairs: V. Rigo (ULG) & L. Goossens (UZ Gent)

#### ***Oral aversion in (ex)preterm and fragile infants***

E. De Greef, VUB

M. D'hondt, UZ Gent

**12:45-14:00 LUNCH AND POSTERS**



### 13:00-13:45 SATELLITE SYMPOSIUM GSK

#### IMMUNITY DEBT: MYTH OR REALITY



#### **Consequences on the epidemiology of meningococcal infections**

R. Cohen, CHI de Créteil, France President of the National Board of Pediatrics

[Flyer](#)

### 13:30-14:00 POSTER WALK (P19 - P36)

Click [here](#) for full overview

### 14:00-15:15 PARALLEL SESSIONS: BEPPA SESSION, LONG ORAL PRESENTATIONS 1, SHORT ORAL PRESENTATIONS 1 AND VVK/GBPF PART 1

#### BEPPA SESSION

Chairs: A. De Guchteneere (AZ Damiaan)

#### **What does paediatric chronic pain look like?**

S. Wouters, The Hospital for Sick Children Toronto

#### LONG ORAL PRESENTATIONS 1 (LO 1-LO 6)

Chairs: C. Heinrichs (ULB) & A. Mulder (UZA)

#### **LO 1. Fecal amine metabolites analysis before onset of severe necrotizing enterocolitis**

N. Deianova, Amsterdam UMC

#### **LO 2. Ciliary dyskinesia in patients with cystic fibrosis, and would be present from childhood**

R. Bonhiver, ULiège

#### **LO 3. Assessing the use antibiotics and the burden of varicella in Belgium using a retrospective GP database analysis**

J. Vandenhoute, MSD Belgium

#### **LO 4. Multispecies probiotic for the prevention of antibiotic-associated diarrhoea in children: a randomised clinical trial**

T. Dierikx, Amsterdam UMC

#### **LO 5. INSENO DIAB Study: Determinants and characteristics of insulin dose requirements in children and adolescent with new-onset type 1 diabetes**

M. Beckers, Cliniques Universitaires Saint-Luc

#### **LO 6. Placental SRC-2 Methylation and expression profile in affected by prenatal exposure to BPA and BPS in female rats**

J. Fudvoye, ULiège

#### SHORT ORAL PRESENTATIONS 1 (SO 1 - SO 12)



Chairs: T. Schurmans (ULB, ULG) & J. Frère (ULG)

***SO 1. A framework for interprofessional collaboration towards sustainable paediatric drug development***

E. Degraeuwe, UZ Gent

***SO 2. Both medical and context elements influence the decision making processes of pediatricians***

L. Schurmans, KU Leuven

***SO 3. A tool for home-based cow's milk reintroduction in children with non-IgE-mediated cow's milk allergy: The revised Flemish milk ladder***

L. De Vlieger, KU Leuven

***SO 4. Clinical decision making in adolescents: parental perspectives.***

J. Vanwymelbeke, KU Leuven

***SO 5. Health Literacy Among Caredivers of Children with IgE-mediated Allergy at Risk of Anaphylaxis***

J. Vandekerckhove, VUB

***SO 6. Psychiatry for Transitional Age Youth (16 to 24 years old): innovative outpatient care organised between paediatrics and adult mental health services***

S. Marchini, HUDERF

***SO 7. Comparison of microscopic bone marrow examination versus MIBG scintigraphy in detecting bone marrow involvement in stage 4/4S neuroblastoma patients***

E. Vancraeynest, UZ Leuven

***SO 8. Deciphering the non-coding RNA landscape of pediatric acute myeloid leukemia***

L. Van Camp, UZ Gent

***SO 9. Shaken Baby Syndrome: review of a series of 24 cases***

S. Pannizzotto, CHU Liège

***SO 10. Therapeutic window in monosymptomatic and non-monosymptomatic enuresis***

S. Karamaria, UZ Gent

***SO 11. More Illness-related Parental Stress and Lower Quality of Life in Transplanted Children with Chronic Kidney Disease: A Multi-centric Study***

E. De Bruyne, UZ Gent

***SO 12. Therapeutic interventions in pediatric eosinophilic esophagitis : a retrospective study***

L. Nuyttens, UZ Leuven

**VVK/GBPF PART 1**

Chairs: A. Bael (VVK) & C. Barrea (GBPF)



***Vitamin D: does one dose fit all?***

A. Raaijmakers, ZNA Hospitals Antwerp

***PIMS in the Covid Era***

S. Moniotte, UCLouvain, St-Luc Brussels

***Vitamin K***

Y. Vandenplas, KidZ Health Castle, UZ Brussel & Paola, ZNA

**15:15-15:30 MINI BREAK**

**15:30-16:45 PARALLEL SESSIONS: SHORT ORAL PRESENTATIONS 2, VVK/GBPF PART 2**

**SHORT ORAL PRESENTATIONS 2**

Chairs: J. Assy (ULG) & I. Gies (VUB)

***SO 13. New-onset type 1 diabetes in children and adolescents before and during Covid-19 pandemic in Belgium***

L. Hajselova, HUDERF

***SO 14. Absence of association between hyperuricemia and aberrant metabolic parameters in Belgian children and adolescents with overweight or obesity***

E. Nauwynck, UZ Brussel

***SO 15. Transition of adolescents with type 1 diabetes from pediatric to adult health care systems in Belgium***

S. Van de Velde, UZ Gent

***SO 16. Did SARS-COV-2 pandemic change incidence or patient and admission characteristics of children with de novo type 1 diabetes? Preliminary results***

P. Cattrysse, UZA

***SO 17. Self-reported tolerance and adherence to statin treatment in adolescents with familial hypercholesterolemia (STAFF study)***

A. De Wolf, VUB

***SO 18. QTc intervals are not prolonged in former ELBW infants at pre-adolescent age***

K. Allegaert, UZ Leuven

***SO 19. Cardiac isomerism: a 20 years retrospective cohort at a single institution***

G. Mets, UZ Gent

***SO 20. Right atrial myocardial remodeling in children with congenital cardiac defect depends on the type of hemodynamic load***

H. Rouatbi, ULiège

***SO 21. Recovery kinetics of gas exchange parameters and heart rate after maximal exercise in children with repaired Coarctatio Aortae compared to controls***

I. Coomans, UZ Gent



**SO 22. Evaluation of motor competence and physical activity of children and adolescents with univentricular heart**

K. Vandekerckhove, UZ Gent

**SO 23. Diagnosis of severe congenital heart defects in 2 consecutive periods: increased prenatal detection rate but similar mortality rate**

L. Depoortere, UZ Gent

**SO 24. Differential secretion of PF4 and platelet derived TGF- $\beta$  by children with congenital cardiac defects**

H. Rouatbi, ULiège

**VVK/GBPF PART 2**

Chairs: A. Bael (VVK) & C. Barrea (GBPF)

***Vegetarian diet in childhood: do's and don'ts***

M. Van Winckel, UZ Gent

***Vaccin agenda: actuality***

J. Frère, CHU, Liège

***Fluorure et prévention de la carie dentaire***

J. Nève, ULB, Président du Conseil Supérieur de la Santé

**16:45-17:15 COFFEE BREAK AND POSTERS**

**17:15-18:30 PLENARY 2: CARING FOR TRANSGENDER CHILDREN**

Chair: J. Bakker (ULG) & I. Gies (VUB)

***P3. Care for transgender and gender diverse youth: pediatric perspectives***

M. Cools, UZ Gent

***P4. Care for transgender and gender diverse youth: psychological perspectives***

G. Van Cauwenberg, UZ Gent



## Friday 18 March 2022

### 09:00-10:15 **PLENARY 3: TRANSITIONAL CARE FOR ADOLESCENTS WITH CHRONIC DISEASE**

Chairs: R. Heying (UZ Leuven) & C. Geurten (ULiège)

#### ***P5. The case of patients with pediatric cancer***

L. George, University Hospital Birmingham, United Kingdom

#### ***P6. The case of patients with congenital cardiac disease***

G. Kerst, UK Aachen, Germany

### 10:15-11:15 **COFFEE BREAK AND POSTERS**

### 10:30-11:00 **POSTER WALK (P37 - P54)**

Click [here](#) for full overview

### 11:15-12:45 **PARALLEL SUBSPECIALITY SESSIONS 2**

#### **E. DERMATOLOGY & ALLERGOLOGY**

Chairs: E. Elst (AZ Sint-Jozef Malle) & J. Pêtre (CHC Liège)

#### ***FPIES, a not so rare form of allergy to know about***

K. El Abd, CHC Liège

#### ***Food Allergy Prevention one of the best Pediatric Challenge***

E. Bradatan, CHRSM - Namur

#### ***How to manage urticarial disorders in children***

M. Fagnard, CHC Liège

#### ***Let's get under our patients skin***

J. De Vrieze, Heilig Hart AZ Lier

#### ***Clinical and diagnostic tips and tricks***

M.L. van Der Poorten, U Antwerpen

#### **F. HEMATOLOGY-ONCOLOGY, IMMUNOLOGY & GENETICS**



Chairs: M.-F. Dresse (ULiège) & P. Philippet (CHC)

**10 years of late effect clinic**

M.-F. Dresse, ULiège

**Secondary immunodeficiencies after cancer treatment**

J. van der Werff ten Bosch, UZ Brussel

**Genetic predisposition to severe COVID**

F. Haerynck, UZ Gent

**PID and malignancies**

B. Florkin, CHR Liège

**G. EMERGENCY, INTENSIVE CARE & SURGERY**

Chairs: E. Duval (UZA) & L. Desmet (UZ Leuven)

**Joined session BELAPS / Be-Pics:**

**"Pediatric abdominal emergencies: a multidisciplinary approach"**

**Pediatric blunt abdominal trauma**

H. Marechal, CHR Liège

M. Dirix, CHC Liège

**Circulatory shock and acute abdomen : resuscitation first?**

T. Schepens, UZA

C. Zamfir, HUDERF

**Abdominal pain in the COVID-era : acute appendicitis or ... MIS-C?**

J. Willems, UZ Gent

L. Matthyssens, UZ Ghent

**H. RHUMATOLOGY & NEPHROLOGY**

Chairs: A. Raes (UZ Gent) & L. Goffin (HUDERF)

**Lupus**

B. Florkin, CHR Liège

**Lupus nephritis**

Q. Bertrand, CHC MontLégia

**Henoch Schonlein**

B. Adams, HUDERF

**Corticosteroid therapy: Side effects**

J. Vande Walle, UZ Gent

**Discussion**

**12:45-14:00 LUNCH AND POSTERS**





**12:45-13:30 SATELLITE SYMPOSIA**



**KYOWA KIRIN**

***Clinical signs and etiology of hypophosphatemia and X-linked hypophosphatemia***

E. Levtchenko, UZ Leuven

***Treatment of paediatric XLH patients***

E. Boros, HUDERF



**ALNYLAM**

**Pediatric urolithiasis - diagnosis and treatment**

***Common causes of urolithiasis in pediatrics***

***Don't miss the rare genetic causes***

L. Collard, CHU Liège Citadelle Hospital & CHC MontLégia Clinic

***From crystal to kidney stone***

***A kidney stone? Which laboratory investigations to perform***

R. Gadisseur, CHU Liège

***Acute management and surgical treatment***

C. Van Haute, UZ Leuven & H. Hart Ziekenhuis Leuven

***Medical treatment***

L. Collard, CHU Liège Citadelle Hospital & CHC MontLégia Clinic

***Take home messages and Q&A***

**13:30-14:00 POSTER WALK (P55 - P73)**

Click [here](#) full overview

**14:00-15:15 BASIC RESEARCH SESSION, LONG ORAL PRESENTATIONS 2, SHORT ORAL PRESENTATIONS 3**

**FROM BENCH TO PEDIATRIC BEDSIDE: AN UPHILL BATTLE**

Chairs: D. Klink (UZA) & E. Levtchenko (UZ Leuven)

***The development of the treatment of spinal muscular atrophy, from the animal model to the application in Man***

N. Deconinck, ULB & UZ Gent

***You have a research idea; How to fund it in Belgium?***

P. Smeesters, ULB

***Translational/clinical studies in pediatrics: ethical considerations***

A.S. Parent, ULG

**LONG ORAL PRESENTATIONS 2 (LO7-LO12)**



Chairs: J. Hubrechts (UCL) & D. Beckers (UZ Leuven & UCL)

***LO 7. Pediatric Procedural Sedation and Analgesia (PROSA) in the Leuven University***

***Hospitals: An efficacy and safety analysis.***

L. Kerkhofs, KU Leuven

***LO 8. Success of a tertiary care program for children with severe obesity***

E. Dupont, Zeepreventorium

***LO 9. Simplified management for suspected allergy to oral beta-lactams in children***

M. Thimmesch, CHC MontLégia

***LO 10. Child, adolescent, and parent mental health in general population during a year of COVID-19 pandemic in Belgium: A cross-sectional study***

A. Wauters, ULB

***LO 11. Dental development disorders in children who had chemotherapy treatment before the age of 10 for a malignant disease***

C. Dhooge, UZ Gent

***LO 12. Short term follow-up after cardiac dysfunction in pediatric inflammatory multisystem syndrome associated with COVID-19 infections***

S. Dahalani, ULiège

**SHORT ORAL PRESENTATIONS 3 (SO25-SO36)**

Chairs: H. De Wilde (UZ Gent) & C. Kempeneers (ULG)

***SO 25. Analgosedation before less invasive surfactant administration: a systematic review***

S. Tribolet, CHU Liège

***SO 26. QTc intervals are prolonged in (near)term neonates during therapeutic hypothermia***

K. Allegaert, UZ Leuven

***SO 27. Ventilation and Respiratory Outcome in Extreme Preterm infants: Trends in the new Millennium***

Y. Regin, KU Leuven

***SO 28. Covid in the residential rehabilitation center Zeepreventorium***

V. Beauloye, Zeepreventorium

***SO 29. Application of the protocol: severe respiratory distress at the pediatric emergency department***

K. Van Vaerenbergh, CHU Saint Pierre

***SO 30. Ciliary videomicroscopy at room temperature lacks sensitivity for PCD diagnosis***

N. Bricmont, U Liège



**SO 31. Impact of Covid-19 on viral respiratory epidemiology in young children: a single center analysis**

D. Shen, UZ Leuven

**SO 32. Imported Pediatric Malaria in Brussel. A study on 160 malaria affected children**

V. Selimaj Kontoni, Clinique Saint Jean

**SO 33. A snapshot on practices and trends on vitamin K prophylaxis in term neonates in Flanders**

K. Allegaert, UZ Leuven

**SO 34. Controlling the flood of study feasibilities**

E. Degraeuwe, UZ Gent

**SO 35. Pulse oximetry to screen for critical congenital cardiopathy in neonates: current practices in Flanders.**

K. Allegaert, UZ Leuven

**SO 36. Medical Decisions in Pediatrics in the Context of Social versus Biological parenthood**

M. Willekens, KU Leuven

**15:15-15:45 BVK/SBP GENERAL ASSEMBLY**

**15:15-15:45 COFFEE BREAK**

**15:45-17:45 PLENARY 4 AND MY PHD IN 300 SECONDS**

**PLENARY 4: CHANGING ENVIRONMENT AND CHILD HEALTH**

Chairs: P. Lysy (UC Louvain) & S. Verhulst (UZA)

**P7. Child development and environmental pollutants**

J.B. Fini, Muséum national d'histoire naturelle Paris, France

**P8. Sugar, sweeteners and the development of the control of appetite**

S. Bouret, Centre de recherche Jean-Pierre Aubert, Université de Lille 2, France

**The profile and future expectations of young paediatricians and paediatric trainees in Belgium: a first national survey**

L. Van Camp, UZ Gent

**MY PHD IN 300 SECONDS**

Chairs: K. Allegaert (KU Leuven) & G. Casimir (ULB)

**Exposure to plasticizers in the neonatal intensive care unit and long-term neurodevelopmental and pulmonary toxicity**

L. Panneel, Universiteit Antwerpen



***Study of ciliary function in cystic fibrosis, and the impact of a chronic colonisation and CFTR modulator treatments***

R. Bonhiver, U Liège

***Development and validation of a dynamic, scalable and adaptable low-cost 3D-printed upper-limb prosthesis for children from low-resource settings***

K. Wendo  
UCLouvain

***In vitro study of respiratory ciliary function using ciliary videomicroscopy***

N. Bricmont  
U Liège

17:45

**AWARDS AND CLOSING**