

# **European Society for Developmental, Perinatal and Paediatric Pharmacology Congress**

**JUNE 28–30, 2023**  
PRAGUE, CZECH REPUBLIC





Dear Colleagues,

The 20<sup>th</sup> ESDPPP Congress is held on June 28–30, 2023 in Prague, Czech Republic under the auspices of the Dean of the 1<sup>st</sup> Faculty of Medicine in Prague and the Ministry of Health of the Czech Republic.

In addition, a pre-congress workshop takes place on June 27, 2023. Physicians, Pharmacists, Nurses, and other Health Care Providers as well as Scientists in all areas of neonatal, perinatal and paediatric pharmacology are invited to the congress.

Welcome in Prague to celebrate the 35<sup>th</sup> anniversary of our society ESDPPP with us.

On behalf of the scientific and organizing committees of the ESDPPP

Pavla Pokorná, President of the ESDPPP

## ESDPPP Council

President	Pavla Pokorná
Past President	Mark Turner
President Elect	Saskia de Wildt
Secretary General	Florian Lagler
Treasurer	Pieter de Cock
Members	Christiane Garnemark Stephanie Leroux Robert Flint Anne Smits
Administrator	Anna-Maria Wiesinger

## Scientific Committee

John van den Anker	Mark Turner
Gregory Kearns	Saskia de Wildt
Dick Tibboel	Pieter de Cock
Karel Allegaert	Christiane Garnemark
Florian Lagler	Stephanie Leroux
Tomáš Honzík	Robert Flint
Jiří Zeman	Anne Smits
Pavla Pokorná	

## Organizing Committee

Pavla Pokorná, Lumír Kantor, Anna Maria Wiesinger,  
Klára Bumbálková, Klára Okáníková



**Organized by:** European Society for Developmental  
Perinatal and Paediatric Pharmacology

**Scientific guarantor:** **prof. MUDr. Tomáš Zima, DrSc., MBA**  
(Institute of Medical Biochemistry and  
Laboratory Diagnostics General University  
Hospital in Prague)

**The Congress is held under the Auspices of**

Dean of the 1<sup>st</sup> Faculty of Medicine in Prague



Embassy of the Czech Republic in Stockholm, Sweden  
Embassy of Sweden in Prague, Czech Republic  
Mayor of the City of Prague



Velvyslanectví České republiky ve Stockholmu  
Embassy of the Czech Republic in Stockholm



Embassy of Sweden  
Prague



**The Congress is organized with the Support of**



the Committee on Health  
of the Senate of the Parliament of the Czech Republic  
Chance 4 Children (C4C)  
Advokátní kancelář SCHOLZ & MALÝ s.r.o.  
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## CONGRESS SPONSORS & EXHIBITORS

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## PROGRAMME AT A GLANCE

### Day 1 – Wednesday June 28<sup>th</sup>

9:00 – 9:05	Welcome
9:05 – 10:15	Clinical Pharmacology Update
10:15 – 10:45	coffee break
10:45 – 12:00	Renal Pharmacology Update
12:00 – 13:00	lunch break
13:00 – 14:00	Poster Walk I Satellite Symposia
14:00 – 15:15	Clinical Trials in Pharmacology
15:15 – 15:45	coffee break
15:45 – 17:00	New Activities within ESDPPP
17:00 – 18:00	General Assembly
18:00	Closing the day

### Day 2 – Thursday June 29<sup>th</sup>

9:00 – 10:15	Drugs in Special Populations and Settings I
10:15 – 10:45	coffee break
10:45 – 12:00	Drugs in Special Populations and Settings II
12:00 – 13:00	lunch break
13:00 – 14:00	Poster Walk II
14:00 – 15:15	Pharmacology of Rare Diseases
15:15 – 15:45	coffee break
15:45 – 17:00	Pharmacology in Neonatal and Paediatric Critical Care
17:00 – 18:00	Round table
18:00	Closing the day

### Day 3 – Friday June 30<sup>th</sup>

9:00 – 10:15	Innovative Tools in Clinical Pharmacology I
10:30 – 10:45	coffee break
10:45 – 12:00	Innovative Tools in Clinical Pharmacology II
12:00 – 13:00	Closing the meeting

## PRE-CONGRESS WORKSHOP Tuesday June 27<sup>th</sup>

Organized by: **European Society for Developmental  
Perinatal and Paediatric Pharmacology**

Scientific guarantor: **prof. MUDr. Tomáš Zima, DrSc., MBA**  
(Institute of Medical Biochemistry and  
Laboratory Diagnostics General University  
Hospital in Prague)

The educational event is organized in accordance with the Status Regulation  
No. 16 of the Czech Medical Chamber and is awarded 6 credit points.

### Principles of Neonatal and Paediatric Clinical Pharmacology

*Chairs: Gregory Kearns and John van den Anker*

*Presenters: Karel Allegaert, Sinno Simons, Robert Flint and Pavla Pokorná*

10:00 – 10:30	Welcome and pre-workshop quiz <i>Gregory Kearns and John van den Anker</i>
10:30 – 11:30	Developmental pharmacology <i>Karel Allegaert</i>
11:30 – 12:30	How to use data from continuous monitoring of neonates to guide treatment <i>Sinno Simons</i>
12:30 – 13:00	lunch (sandwiches, coffee, tea)
13:00 – 14:00	How to understand the role of non- develop- mental factors superimposed on developmental factors <i>Pavla Pokorná</i>
14:00 – 15:00	How to use therapeutic drug monitoring in the NICU/PICU <i>Robert Flint</i>
15:00 – 16:00	Postworkshop quiz <i>Gregory Kearns and John van den Anker</i>
16:00	Closing remarks <i>Gregory Kearns and John van den Anker</i>
17:30 – 19:00	<b>Opening Ceremony</b> <b>The Senate of the Parliament of the CR</b>

## CONGRESS PROGRAMME

### WEDNESDAY – June 28<sup>th</sup>

9:00 – 9:05 Welcome

9:05–10:15 Session 1: Clinical Pharmacology Update  
in Neonatology and Paediatrics

*chairs: Pavla Pokorná and Florian Lagler*

9:05 – 9:35 Paediatric and neonatal clinical pharmacology:  
Quo vadis?

*John van den Anker*

9:35 – 10:05 How to implement paediatric and neonatal  
clinical pharmacology globally?

*Gregory Kearns*

10:05 – 10:15 discussion

10:15 – 10:45 coffee break

10:45–12:00 Session 2: Renal Pharmacology:  
A Session Dedicated to Prof. Dr Jean-Pierre  
Guignard, ESDPPP Founder

*chairs: Evelyne Jacqz-Aigrain and John van den Anker*

10:45 – 11:15 Hot topics in neonatal renal pharmacology

*Karel Allegaert*

11:15 – 11:45 Hemodialysis and drug dosing in children and  
adolescents on chronic hemodialysis treatment

*Verena Gotta*

11:45 – 12:00 discussion

12:00 – 13:00 lunch break

12:30 – 13:00 Satellite Symposium  
Bi-VirTest® - MxA Lateral flow test  
New differential diagnostics of viral vs.  
bacterial infections for effective antibiotic  
treatment

13:00 – 14:00 Poster walk I  
*Evelyne Jacqz-Aigrain and Sinno Simons*

14:00 – 15:15 Session 3: Clinical Trials in Neonatal and  
Paediatric Clinical Pharmacology  
*chairs: Christiane Garnemark and Pieter de Cock*

14:00 – 14:25 How to conduct an investigator-initiated trial  
successfully: randomized controlled trials forever  
ever?

*Dick Tibboel ..... 20'+5'*

14:25 – 14:50 How to optimize model-based trial design in  
neonatology and paediatrics

*Catherijne Kibbe ..... 20'+5'*

14:50 – 15:15 3 oral presentations from selected abstracts

Towards more Robust Evaluation of the  
Predictive Performance of Physiologically Based  
Pharmacokinetic Models

*Marjolein D. van Borselen, Laurens Sluijterman,  
Saskia N. de Wildt, Rick Greupink ..... 7'*

Pediatric clinical trials need pediatric clinical trial  
budgets

*Stavros Koulizakos, Tina Kjellén, Karin Mellgren,  
Jenny M Kindblom ..... 7'*

Paediatric investigation plans in Systemic Lupus  
Erythematosus: review of the PDCO's experience

*Roberto De Lisa, Fernando de Andres Trelles, Sara  
Galluzzo, Brian Aylward, Ralph Bax, Gunter Egger ..... 7'*

discussion

15:15 – 15:45 coffee break



**15:45 – 17:00 Session 4: New Activities Within ESDPPP:  
What We Have Reached after Liverpool 2022**

*chairs: Mark Turner and Anna Maria Wiesinger*

**15:45 – 16:10 Training the next generation of researchers:  
An update on the Young Researcher Section of  
ESDPPP**

*Eva Degraeuwe and Anna Maria Wiesinger ..... 20'+5'*

**16:10 – 16:35 TDM Network Group update**

*Pieter de Cock ..... 20'+5'*

**16:35 – 17:00 3 oral presentations from selected abstracts**

**CzechPharmPed: starting the optimization of  
pharmacotherapy in children in daily clinical  
practice in the Czech Republic and Slovakia  
(initiative of a networking group of young  
researchers)**

*Sabina Pavlíková, Petra Rozsivalová, Michaela  
Slezáková, Petr Ježdík, Petr Kulíšek, Pavla Pokorná ... 7'*

**Reduction of risks in the medication process  
after adapting the EMR-system to children and  
introduction of the national Swedish medication  
database for children**

*Christiane Garnemark, AL Eriksson, JM Kindblom .... 7'*

**Harmonisation, optimisation and  
individualisation of dosing recommendations for  
children in Switzerland: a three-step approach**

*Romy Tilen, Verena Gotta, Paolo Paioni, Henriette E.  
Meyer zu Schwabedissen, Christoph Berger ..... 7'*

**discussion.....3'**

**17:00 – 18:00 meeting of members of the ESDPPP General  
Assembly**

**17:00 – 18:00 Intro to Proveca, networking event with drinks  
reception**

**19:00 congress dinner**

**THURSDAY – June 29<sup>th</sup>**

**9:00–10:15 Session 5: Drugs in Special Populations and  
Settings I: Pharmacology of Therapeutic  
Hypothermia and Other Settings**

*chairs: Karel Allegaert and Robert Flint*

**9:00 – 9:25 Thermopharmacology in neonates and children**

*Pavla Pokorná ..... 20'+5'*

**9:25 – 9:50 Antimicrobial drugs under hypothermia in  
neonates**

*Anne Smits ..... 20'+5'*

**9:50 – 10:15 3 oral presentations from selected abstracts**

**Caffeine therapy for apnea of prematurity: real  
world data on effectivity**

*Kelly Storm, Robert Flint, Wes Onland, Anton van  
Kaam, Irwin Reiss, Jeroen Hutten, Sinno Simons ..... 7'*

**Tissue penetration of piperacillin-tazobactam in  
critically ill children – a microdialysis study**

*Eline Hermans, Evelyn Dhont, Mathias Devreese, Johan  
Vande Walle, Peter De Paepe, Pieter A. De Cock ..... 7'*

**The QTc interval in former very preterm infants is  
not different from term-born controls**

*Jill Vanthienen, Marine Vassilev Petrov, Thuy Mai Luu,  
Anik Cloutier, Anke Raaijmakers, Jan A Staessen,  
Zhenyu Zhang, Thomas Salaets, Annouschka Laenen,  
Anne Smits, Anne-Monique Nuyt, Adrien Flahault,  
Karel Allegaert ..... 7'*

**discussion.....3'**

**10:15 – 10:45 coffee break**



**10:45 – 12:00 Session 6: Drugs in Special Populations and Settings II: Pharmacology of ECMO and other Extracorporeal Devices**

*chairs: Christiane Garnemark and Dick Tibboel*

**10:45 – 11:10 Pharmacology during ECMO: How to dose drugs in neonates during extracorporeal membrane oxygenation (ECMO)**

*Genny Raffaelli ..... 20'+5'*

**11:10 – 11:35 Pharmacology during cardiopulmonary bypass (CPB)**

*Dick Tibboel ..... 20'+5'*

**11:35 – 12:00 3 oral presentations from selected abstracts**

**Microdosed Yohimbine as CYP2D6 Probe Drug in Pediatric Heart Patients aged 6 Months to 6 Years**

*Victoria C. Ziesenitz, Simon A. Hermann, Kathrin Förster, Patrick Saur, Kristine Chobanyan-Jürgens, Jürgen Burhenne, Gerd Mikus, Matthias Gorenflo..... 7'*

**Medical Cannabis for Children with Autistic Spectrum Disorder: Is there a difference between those treated with cannabis as monotherapy vs those treated with cannabis and concomitant conventional medications?**

*Adi Dagan, Orit Stolar, Elkana Kohn, Ariela Hazan, Ibrahim Abu-Kishk, Dana Barchel, Nir Treves, Eli Heyman, Mirit Lazinger, Matitahu Berkovitch ..... 7'*

**Individualized Use of 6-mercaptopurine in the Maintenance Treatment of Chinese Children with Acute Lymphoblastic Leukemia: A Multicenter Randomized Controlled Trial**

*Yue Zhou, Li Wang, Li-Rong Sun, Li Zhang, Hong-Mei Wang, Xi-Ting Liu, Fan Yang, Ke-Liang Wu, Yu-Li Liang, Bei-Bei Zhao, Yong Zhuang, Jin-Qiu Fu, Ling-Zhen Wang, Hui-Juan Xu, Yan Gu, John van den Anker, Xiu-Li Ju, Xiao-Fan Zhu, Wei Zhao ..... 7'*

**discussion.....3'**

*12:00 – 13:00 lunch break*

**13:00 – 14:00 Poster walk II**

*Anne Smits and Pieter de Cock*

**14:00 – 15:15 Session 7: Pharmacology and Pharmacotherapy of Rare Diseases in Neonates and Children**

*chairs: Jenny Kindblom and Florian Lagler*

**14:00 – 14:25 Pharmacotherapy in children with inherited metabolic disorders**

*Jiří Zeman..... 20'+5'*

**14:25 – 14:45 Assessing the expected clinical benefit of gene therapy in rare diseases – a pharmacological perspective**

*Florian Lagler ..... 15'+5'*

**14:45 – 15:05 Pharmacoeconomics of rare diseases**

*Aleš Klímek ..... 15'+5'*

**15:05 – 15:15 1 oral presentation from selected abstracts**

**A Precision Medicine Tool for High Utilization and Quality of Individual Treatment Trials with Immunomodulatory Drugs in Mucopolysaccharidosis**

*Anna-Maria Wiesinger, Brian Bigger, Roberto Giugliani, Christina Lampe, Maurizio Scarpa, Tobias Moser, Christoph Kampmann, Georg Zimmermann, Florian B Lagler..... 7'+3'*

*15:15 – 15:45 coffee break*



**15:45 – 17:00 Session 8: Pharmacology in Neonatal and Paediatric Critical Care and Legal, Operational and Regulatory Aspects**

*chairs: Evelyne Jacqz-Aigrain and Wei Zhao*

**15:45 – 16:10 Pharmacology of antimicrobial agents in critically ill neonates and children**

*Wei Zhao ..... 20'+5'*

**16:10 – 16:30 Enpr-EMA update 2023**

*Mark Turner ..... 15'+5'*

**16:30 – 16:50 Off-label and off evidence? Towards all children effective and safe therapy**

*Saskia de Wildt ..... 15'+5'*

**16:50 – 17:00 1 oral presentation from selected abstracts**

**Availability of Neonatal Specific Data in Labelling of Commonly Used Anti-infective Drugs:**

**Comparison Among Three Regulatory Agencies**

*Ajilan Sivaloganathan, Kate Sushko, John van den Anker, Samira Samiee-Zafarghandy ..... 7'+3'*

**17:00 – 18:00 “Round table”  
Perspectives of Clinical Pharmacology at  
Different Levels of Education**

...

**19:00 congress dinner**

**FRIDAY – June 30<sup>th</sup>**

**9:00 – 10:15 Session 9: Innovative Tools in Clinical Pharmacology I: Artificial Intelligence in Clinical Pharmacology**

*chairs: Synnove Lindemalm and Ilan Matok*

**9:00 – 9:25 Genotranslation: Interpretation of genome data in diagnostic and treatment**

*Milan Macek ..... 20'+5'*

**9:25 – 9:45 Assessing medication safety in pregnancy and paediatrics using big data and the potential of using artificial intelligence**

*Ilan Matok ..... 15'+5'*

**9:45 – 10:05 Children's drug safety programme – sharing Swedish experiences**

*Synnove Lindemalm ..... 15'+5'*

**10:05 – 10:15 1 oral presentations from selected abstracts**

**Drug-drug interactions and adverse drug reactions in neonates**

*Nadir Yalcin ..... 7'+3'*

**10:15 – 10:45 coffee break**

**10:45 – 12:00 Session 10: Innovative Tools in Clinical Pharmacology II: The FAIR Principle in Clinical Pharmacology**

*chairs: Jenny Kindblom and Jeff Barrett*

**10:45 – 11:10 Scientific collaboration both in terms of data sharing and the development of opensource computing tools**

*Jeff Barrett ..... 20'+5'*

**11:10 – 11:35 Conec4children, the pan-European paediatric clinical research network: advice, education, sites, and data**

*Mark Turner ..... 20'+5'*



**11:35 – 12:00 3 oral presentations from selected abstracts**

**Artificial intelligence for the safe use of medications during breastfeeding**

*Elkana Kohn, Guy Shtar, Maya Berlin, Bracha Shapira, Lior Rokach, Matitahu Berkovitch ..... 7'*

**Use of Machine Learning for Dosage**

**Individualization of Vancomycin in Neonates**

*(Bo-Hao Tang, Jin-Yuan Zhang, Karel Allegaert, Guo-Xiang Hao, Bu-Fan Yao, Stephanie Leroux, Alison H. Thomson, Ze Yu, Fei Gao, Yi Zheng, Yue Zhou, Edmund V. Capparelli, Valerie Biran, Nicolas Simon, Bernd Meibohm, Yoke-Lin Lo, Remedios Marques, Jose-Esteban Peris, Irja Lutsar, Jumpei Saito, Evelyne Jacqz-Aigrain, John van den Anker, Yue-E Wu, Wei Zhao ..... 7'*

**Open-science solutions enabled within a digital research environment to support pediatric drug development and precision dosing**

*Jeff Barrett, Scott Russell..... 7'*

**discussion..... 3'**

**12:00 – 13:00 Current and Future Directions of ESDPPP**

*Summary by President ESDPPP (Pavla Pokorná), President Elect (Saskia de Wildt) and General Secretary (Florian Lagler)*

**13:00 Closing the meeting**

**POSTERS**

**Wednesday June 28<sup>th</sup>**

**13:00 – 14:00 Poster walk I – Paediatrics**

*Moderators: Evelyne Jacqz-Aigrain and Sinno Simons*

- 1) **m-Health Clinic Partnership Project between HHU Düsseldorf and Bosnia-Herzegovina: Creation of a digital network of Diabetes Type 1 children and adolescents in rural and remote areas in Bosnia and Herzegovina**  
*Obarcanin Emina, Hasanbegovi Snijezana, Rustempasic Elma, Ali-Sherazi Bushra, Kinny Florian, Laeer Stephanie*
- 2) **A First-In-Human Phase 1 Study of SIM0417, a 3CL-like Protease Inhibitor for Treatment of COVID-19, in Healthy Adult Subjects**  
*Xin-Mei Yang, Yang Yang, Bu-Fan Yao, Pan-Pan Ye, Yan Xu, Shao-Ping Peng, Yu-Mei Yang, Pan Shu, Pei-Jin Li, Shan Li, Hong-Lin Hu, Qian Li, Lin-Lin Song, Ke-Guang Chen, Hai-Yan Zhou, Ye-Hui Zhang, Fu-Rong Zhao, Bo-Hao Tang, Wei Zhang, Xin-Fang Zhang, Shu-Meng Fu, Guo-Xiang Hao, Yi Zheng, Jing-Shan Shen, Ye-Chun Xu, Xiang-Rui Jiang, Lei-Ke Zhang, Ren-Hong Tang, Wei Zhao*
- 3) **Melatonin dosing in children and adolescents in relation to age and overweight status**  
*Elin Kimland, Elin Dahlén, Jari Martikainen, Jimmy Céline, Jenny M. Kindblom*
- 4) **Up to one third of rapid thiopurine-S-methyltransferase metabolizers manifest clinical and/or laboratory Azathioprine side effects: A single centre experience**  
*Nabil El-Lababidi*
- 5) **Therapeutic Drug Monitoring of Lacosamide among Children with Refractory Epilepsy: Is it Helpful?**  
*Rinat Komargodski, Mirit Lezinger, Daniel Sharon, Majdi Masarwi, Nurit Brandriss, Adina Bar-Chaim, Elkana Kohn, Eli Heyman, Matitahu Berkovitch*
- 6) **Development of a Suspicion Index Tool to Aid Diagnosis of ASMD Disease**  
*Anna-Maria Wiesinger, Georg Zimmermann, Nicole Muschol, Charolotte Aries, Daniela Karall, Sabine Scholl-Bürgi, Dorothea Möslinger, Vasiliki Konstantopoulou, Eugen Mengel, Roberto Giugliani, Florian B Lagler*



- 7) **Antiepileptic Drug Use in Children Beyond Epilepsy: a Population-based Longitudinal Study**  
*Hans Jürgen Gøber, Kathy H Li, Bruce C Carleton*
- 8) **Saliva Sampling to Facilitate Pharmacokinetic Studies in Children: A Case Study with Metamizole**  
*Marion Anliker-Ort, Frédérique Rodieux, Victoria Ziesenitz, Thomas O. Erb, Stefan Holland-Cunz, Urs Duthaler, Deborah Rudin, John van den Anker, Marc Pfister, Verena Gotta*
- 9) **Can Pupillometry Be Used For CYP2D6 Phenotyping In Children Treated With Tramadol?**  
*Rodieux Frédérique, Flavia Storelli, Francois Curtin, Sergio Manzano, Alain Gervais, Klara Posfay Barbe, Jules Desmeules, Youssef Daali, Caroline Flora Samer*
- 10) **Utilization of pharmacogenetic medications at a German pediatric University Hospital**  
*Igor Bachmat, Sonja Eberl, Wolfgang Rödle, Filippa Schreeck, Matthias Schwab, Antje Neubert*
- 11) **Five-Year Report on the Activities of the Connect4Children (c4c) European Paediatric Clinical Trials Network in Belgium**  
*Eva Degraeuwe, Laura Persyn, Mark Turner, Lieve Nuytinck, Annelies De Maré, Daphné Christiaens, Ann Raes, Karel Allegaert, Johan Vande Walle*
- 12) **Czech National Centre: Potential for improving pharmacotherapy in the paediatric population in the Czech Republic and Slovakia**  
*Lucie Špatenková, Sabina Pavlíková, Natálie Sladká-Švestková, Martina Bašková, Ondřej Slanař, Mark Turner, Pavla Pokorná*
- 13) **An Update on the Challenges of Conducting Pediatric Clinical Trials: 15 Years of Progress since EMA Regulation Implementation**  
*Eva Degraeuwe, Pirkko Lepola, Mark Turner, Kim Jennings, Lieve Nuytinck, Ann Raes, Karel Allegaert, Johan Vande Walle, Fenna Mahler*
- 14) **Empowering the Next Generation: How the young ESDPPP Community is Nurturing Young Paediatricians and Pharmacology Experts**  
*Eva Degraeuwe, Anna-Maria Wiesinger, Florian B. Lagler, Ann Raes, Johan Vande Walle, Mark Turner, Paula Pokorna, Young ESDPPP community*

- 15) **When the child vomits after oral drug intake - development and introduction of a decision support**  
*Christiane Garnemark, G Lernfelt, AL Eriksson, JM Kindblom*

## **Thursday June 29<sup>th</sup>**

### **13:00 – 14:00 Poster walk II – Neonatology**

*Moderators: Anne Smits and Pieter de Cock*

- 16) **Pharmacotherapy-related practices and skills as reported by attendees of the Neonatal Online Training and Education (NOTE) course on neonatal clinical pharmacology**  
*Karel Allegaert, Dotan Shaniv, Sinno Simons, Robert Flint, Anne Smits, Susan Smith, Mike Hall*
- 17) **Prescribing Behavior of Analgosedatives for Extremely Premature Neonates: A Retrospective Analysis**  
*Samir El Abdouni, GE van den Bosch, F van Rosse, SHP Simons, RB Flint*
- 18) **Implementation processes in pain assessment in the NICU: an interactive Meet the pain “tutorial”**  
*Hana Jancova, Radek Janca, Magdalena Zadakova, Pavla Neradova, Radka Samonilova, Zuzana Tomaskova, Martina Baskova, Pavla Pokorna*
- 19) **Pharmacokinetics of Intravenous Fentanyl in Neonates, a Systematic Review**  
*Kristian Ashali, Kate Sushko, John van den Anker, Samira Samiee-Zafarghandy*
- 20) **Accuracy of antibiotic concentrations in drug dispensing: a risk for low doses in neonates**  
*Li-Yuan Zheng, Wei-Ping Gu, Na Liang, Li-Li Gao, Wen-Wen Guo, Xin Wang, Rui-Rui Li, John van den Anker, Yue-E Wu, Wei Zhao*
- 21) **Population pharmacokinetics of meropenem in neonatal and pediatric extracorporeal membrane oxygenation: a retrospective pilot study (preliminary analysis)**  
*Danica Michaličková, Jonas Berner, Dick Tibboel, Pavla Pokorná*
- 22) **No difference in the incidence of hearing loss after introducing a vancomycin loading dose in neonates: A single center analysis of a tertiary NICU**  
*Shannon L. van der Zeeuw, Anne Smits, Karel Allegaert, Catherijne A.J. Knibbe, Swantje Völler*



- 23) **Drug treatment of neonatal seizures by neonatologists and paediatric neurologists: A survey of practice in Australia and New Zealand**  
*Angela Williams, Kathryn Browning Carmo, John Lawson, Christine Staatz, Helen Liley*
- 24) **Clinical endpoints for phenobarbital in neonatal trials**  
*Natalie Sladká Švestková, Pokorná Pavla, Ondřej Slanař*
- 25) **Correlation between maternal, fetal and neonatal digoxin and flecainide concentrations and (side) effects in mother and child, treated for fetal supraventricular tachycardia – a case series to improve dosing**  
*Rosa M.A. Smeets, Jérôme M.J. Cornette, Johanna A. van der Zande, Ingrid M. van Beynum, Jolien W. Roos-Hesslink, Robert B. Flint*
- 26) **Prenatal Cannabis Exposure and the Risk for Neuropsychiatric Anomalies in the Offspring: A Systematic Review and Meta-Analysis**  
*Ilan Matok, Hely Basalov, Noa Yakirevich Amir, Inbal Reuveni, Omer Bonne*
- 27) **Don't cry over spilt milk: Women treated with medications CAN (in many cases) donate milk to a Human Milk Bank**  
*Tal De-Haan, Maya Berlin, Elkana Kohn, Sharon Bransburg- Tzabari, Matitahu Berkovitch*
- 28) **I am a law student treated with amphetamines for Attention Deficit Hyperactive Disorder (ADHD): Can I breastfeed my child? A pilot study**  
*Nofar Benassayag Kaduri, Ariela Hazan, Tal De- Haan, Elkana Kohn, Maya Berlin, Matitahu Berkovitch*
- 29) **Determining the concentration of maternal medicines in human milk: the UmbrelLACT study protocol**  
*Martje Van Neste, Nina Nauwelaerts, Michael Ceulemans, Kristel Van Calsteren, An Eerdeken, Pieter Annaert, Karel Allegaert, Anne Smits*

## GENERAL INFORMATION

- Venue:** OREA Hotel Pyramida,  
 Bělohorská 125/24, Prague,  
 Czech Republic
- Date:** June 28<sup>th</sup>–30<sup>th</sup>, 2023
- Organized by:** European Society for Developmental  
 Perinatal and Paediatric Pharmacology
- Scientific guarantor:** **prof. MUDr. Tomáš Zima, DrSc., MBA**  
 (Institute of Medical Biochemistry and  
 Laboratory Diagnostics General University  
 Hospital in Prague)

The educational event is organized in accordance with the Status Regulation No. 16 of the Czech Medical Chamber and is awarded 17 credit points.

- Organizing Agency:** **GALÉN - SYMPOSION s.r.o.**  
 Břežanská 10  
 100 00 - Prague 10  
 Czech Republic  
 phone: +420 222 518 535  
 e-mail: [registrace@gsymposion.cz](mailto:registrace@gsymposion.cz)

## REGISTRATION

### Registration Fees

CATEGORY	ON-SITE
ESDPPP member	400 €
non-member	450 €
nurse	300 €
students (full-time study)	300 €



## Registration desk

The registration desk will be located on the ground floor of the Congress Venue. The desk will be attended at all times during the Congress:

<b>Tuesday, 27<sup>th</sup> June:</b>	<b>9:00 – 17:00</b>
<b>Wednesday, 28<sup>th</sup> June:</b>	<b>8:00 – 18:30</b>
<b>Thursday, 29<sup>th</sup> June:</b>	<b>8:00 – 18:30</b>
<b>Friday, 30<sup>th</sup> June:</b>	<b>8:00 – 14:00</b>

Delegates will collect their name tag and booklet on arrival.

## Speaker presentations

The Congress staff will assist presenters with loading their presentations. All speakers and other attendees can contact members at the registration desk during any breaks.

All speakers are encouraged to load their presentations as soon as possible to avoid any last-minute problems and rushes. The standard AV techniques for all presentations will be available for data projection using MS PowerPoint. If any animation is needed during any presentations, please contact AV staff members for help and instructions. All presentations will be run from a PC within the room in which the sessions are displayed.

## Mobile Phones

Please ensure your mobile phone and other devices that could interfere with presentations are turned off during sessions.

## Lunches

... will take place in the hotel restaurant on the first floor.

## Coffee breaks

... will take place in the Congress foyer.

## Insurance

The hosts and organizers are not responsible for personal accidents, any travel costs, or the loss of private property and will not be liable for any claims. Delegates requiring insurance should make their own arrangements.

## Disclaimer

The hosts, organizers and participating societies are not responsible for, or represented by, the options expressed by participants in either the sessions or their written abstracts.

## SOCIAL PROGRAMME

### ■ Opening ceremony hosted by the Committee on Health of the Senate of the Parliament of the Czech Republic

date: June 27<sup>th</sup>, 2023  
time: 17:30 – 19:00  
venue: Senate, Valdštejnské náměstí 17/4, Prague 1

### ■ Congress Dinner with dancing

date: June 28<sup>th</sup>  
time: 19:00 – 22:00  
venue: Občanská Plovárna, U Plovárny 337/1,  
Prague 1

### ■ Celebration of the 35<sup>th</sup> anniversary of ESDPPP with a Classical Concert and a Dinner

date: June 29<sup>th</sup>  
time: 19:00 – 22:00  
venue: Rudolfinum, Alšovo nábřeží 79/12, Prague 1



