

Friday 17 June 2022

08.30 - 08.40 Opening ceremony

08.40 - 09.10 KEYNOTE LECTURE

chair: Petr Jabandžiev

Gregor Mendel celebrates 200 years: from the gardens of the Augustinian monastery in Brno to the treatment of monogenic diseases and precision oncology

Ondřej Slabý

Czech Republic

09.10 - 11.40 PANEL I

chairs: Jiří Bronský, Nataša Marčun Varda

1. Hypersensitivity reactions to beta-lactam antibiotics in children

Ludmila Dvořáková, J. Paukert

Czech Republic

2. TREC analysis of newborns at tertial clinical centre

Ivana Hulínková, V. Medová, V. Dobšínská, P. Čížnár, D. Dolníková, A. Šoltysová

Slovakia

3. Personalized molecularly guided treatment for vascular malformations harboring PIK3CA and TEK mutation in children, adolescents, and young adults: A single-center case series with high response rate and low toxicity profile

Martin Štěrbá, P. Jabandžiev, J. Štěrbá

Czech Republic

4. Bone mineral density and oxidative stress in adolescent girls with anorexia nervosa

Alexandra Gaál Kovalčíková, A. Čagalová, L. Tichá, K. Šebeková, L. Podracká

Slovakia

5. Cross-Sectional Study of the Prevalence of Cobalamin Deficiency and Vitamin B12 Supplementation Habits among Vegetarian and Vegan Children in the Czech Republic

Martin Světnička, A. Sigal, E. Selinger, M. Heniková, E. El-Lababidi, J. Gojda

Czech Republic

6. Effects of anti-TNF α therapy on the faecal bacteriome in paediatric patients with Crohn's disease in contrast to juvenile idiopathic arthritis – the MICRO-JATT study

Jakub Hurych, L. Vodolanova, T. Lerchova, M. Kubat, H. Malcova, D. Cebecauerova, J. Schwarz, E. Karaskova, T. Hecht, L. Toukalkova, V. Dotlacil, K. Kobrova, R. Horvath, O. Hradsky, J. Bronsky, O. Cinek

Czech Republic

7. Ultrasound elastography of liver and kidneys in children and young adults – a pilot study

Mirjam Močnik, S. G. Jančič, N. M. Varda

Slovenia

8. Chronic recurrent multifocal osteomyelitis - clinical and genetic features of paediatric patients

Zuzana Pytelová, K. Bouchalová, J. Čivrný, K. Balošáková, N. Beňová, D. Pospíšilová

Czech Republic

9. Monitoring of pulmonary functions by lung clearance index using multiple breath washout tests in premature infants with bronchopulmonary dysplasia

Kateřina Čerňanová, D. Dvořák, F. Kopřiva

Czech Republic

10. Real-life vaccination coverage in children with rheumatic diseases

Barbora Balažiová, Z. Kuková, D. Mišíková, K. Novosedlíková, T. Dallos

Slovakia

11.40 - 12.30 Lunch

12.30 - 15.00 PANEL II

chairs: Radvan Urbanek, Tomáš Honzík

11. Five Czech patients with mitochondrial aminoacyl-tRNA synthetase deficiencies: mutations, phenotypes, and common findings in these ultra-rare syndromes

Petr Hanák, T. Honzík, M. Tesařová, H. Hansíková, P. Klement, J. Zeman, V. Sebroňová, K. Štěrbová, H. Kolářová

Czech Republic

12. Cardiac manifestation in patients with PMM2-CDG

Veronika Holubová, A. Čechová, N. Ondrušková, J. Zeman, M. Tesařová, H. Hansíková, T. Honzík

Czech Republic

13. Czech cohort of patients with subacute visual loss caused by pathogenic variant in *DNAJC30* gene

Silvie Kelifova, H. Kolarova, I. Tothova, P. Liskova, B. Kousal, M. Vajter, T. Honzik, M. Tesarova

Czech Republic

14. **Postvaccination and postinfection COVID-19 response in pediatric primary immunodeficient patients**
Birivan Nabová, P. Čížnár
Slovakia
15. **Glycine encephalopathy - Czech Republic cohort**
Jan Kulhánek, P. Klement, D. Záhoráková, J. Zeman, P. Ješina, T. Honzík
Czech Republic
16. **Transient Agarose Spot (TAS) assay: a new method to investigate cell migration**
Apor Veres-Székely, D. Pap, B. Szebeni, L. Orfi, C. Szász, C. Pajtók, E. Lévai, A. J. Szabó, Á. Vannay
Hungary
17. **Multiomic aproach in treatment of refractory/relapsed ependymomas in the era of personalised medicine**
Pavel Tinka, M. Kýr, Z. Pavelka, P. Veselá, J. Štěrbá, L. K. Giannoula
Czech Republic, USA
18. **Characterization of mTOR Activity and Metabolic Profile in Pediatric Rhabdomyosarcoma**
Luca Felkai, I. Krencz, T. Micsík, A. Sebestyén, M. Csóka
Hungary
19. **Three Waves of PIMS-TS**
Daša Mišíková, B. Balažiová, M. Hrebík, T. Mičega, A. Kollerová, M. Záhorec, T. Dallos
Slovakia
20. **Start up of a database of medicines for the paediatric population in the Czech Republic in 2022**
Sabina Pavlíková, P. Rozsivalová, P. Kulíšek, P. Pokorná
Czech Republic, Sweden

15.00 - 15.30 Coffee break

15.30 - 17.45 PANEL III

chairs: Ľudmila Podracká, Jan Janda

21. **PARK7 – a novel therapeutic target for peritoneal dialysis induced peritoneal membrane and vascular transformation**
Eszter Levai, A. Veres-Szekely, C. Zhang, M. Bartosova, D. Pap, I. Marinovic, B. Szebeni, R. Herzog, C. Pajtok, B. Schaefer, K. Kratochwill, S. Zarogiannis, J.A. Szabo, A. Vannay, C. Schmitt
Hungary, Germany, Austria, Greece
22. **Acute tubulointerstitial nephritis in children – a retrospective case series in a Czech tertiary pediatric centre**
Jan Papež, J. Štarha, Z. Doležel, P. Jabandžiev
Czech Republic

23. Novel integrative method to identify therapeutic targets and compounds for treating kidney fibrosis

Domonkos Pap, C. Pajtók, B. Szebeni, A. Veres-Székely, A.J. Szabó, Á. Vannay
Hungary

24. Extracellular vesicles from peritoneal dialysate moderated progression of peritoneal dialysis associated peritoneal fibrosis

Beáta Szebeni, A. Veres-Székely, Z. Varga, D. Pap, C. Pajtók, E. Lévai, M. Bernáth, A. J. Szabó, G. Reusz, Á. Vannay
Hungary

25. Autosomal recessive polycystic kidney disease in Slovak and Czech patients

Gabriela Hrčková, Ľ. Podracká, G. Kol'vek, K. Bláhová, F. Fencel, T. Seeman
Slovakia, Czech Republic, Germany

26. Extracellular DNA is possible early marker of kidney damage

Alexandra Gaál Kovalčíková, Ľ. Tóthová, P. Celec, Ľ. Podracká
Slovakia

27. Distribution of paediatric diabetes subtypes in a consanguineous region: a single center study

Shenali Anne Amaratunga, T. H. Tayeb, R. N. M. Sediq, F. K. H. Salih, P. Dusatkova, S. Pruhova, J. Lebl
Czech Republic, Iraq

28. Genetic analysis of children with clinically non-syndromic tall stature

Katerina Adamovicova, P. Dusatkova, L. Plachy, K. Maratova, V. Neuman, S. Kolouskova, B. Obermannova, M. Snajderova, J. Malikova, L. Petruzalkova, J. Lebl, Z. Sumnik, S. Pruhova
Czech Republic

29. Growth hormone deficiency: Extending phenotypic spectrum of *SALL4* related disorders

Aneta Kodytková, S. A. Amaratunga, D. Zemková, K. Maratová, S. Koloušková, J. Lebl
Czech Republic

17.50 - 18.30 POSTER SESSION

chair: Jan Lebl

P01. Patients with congenital anomalies of kidney and urinary tract (cakut) share common hotspot loci with low frequency variants

Jakob Zapušek, M. Gorenjak, D. Krgović, N. M. Varda
Slovenia

P02. Non-invasive assessment of vascular system function and damage induced by anthracycline treatment in the pediatric cancer survivors

Ondřej Pírek, N. Rafčíková, K. Budinskaya¹, H. Hrstková, Z. Nováková
Czech Republic

P03. Using multimodal monitoring on neonates undergoing anesthesia for surgery

Sarolta Trinh, V. Balog, M. Barra, G. Tovishazi, G. Gobl, B. Hauser, A. Jermendy

*Hungary***P04. Deep venous thrombosis in children with malignant diseases**

Marta Despotović, J. Roganović

*Croatia***P05. Infections in children with acute lymphoblastic leukemia**

Klara Vranešević, N. Nadarević, J. Roganović

*Croatia***P06. Neutropenia in children: A single-center experience**

Martina Zubović, N. Nadarević, J. Roganović

*Croatia***P07. Thalassemia in children: A single center experience**

Ana Đorđević, A. Maletić, J. Roganović, I. Mrakovčić

*Croatia***P08. Prediction of effect of nutritional induction therapy in newly diagnosed paediatric patients with luminal Crohn's disease using metabolomic profiling: preliminary data**

Michal Kubát, J. Bronský, O. Hradský, T. Lerchová, O. Cinek, J. Hurych, J. Havlík, A. Mascellani

*Czech Republic***P09. Monitoring the use of medicinal products in the pediatric population and safety parameters in a single center**

Michaela Slezáková, S. Pavlíková, E. Jirsová, J. Malý, P. Pokorná

*Czech Republic, Sweden***P10. Case report PSC-IBD**

Eva Vlčková

Czech Republic

18.45 - 20.00 Visit to the Simulation Centre
of the Faculty of Medicine, Masaryk University

20.30 - 23.00 Get together dinner