

Publikácie full text – peer review

1. Antonová P, Rohn V, Chaloupecky V, Šimková I, Kaldarárová M, Zeman J, Popelová J, Havova M, Janoušek J. *Predictors of mortality after atrial correction of transposition of the great arteries*. Heart. ISSN 1468-201X(online), 2022; 108(23):1881-1886. <https://heart.bmj.com/content/heartjnl/108/23/1881.full.pdf>
2. Artemiou P, Gasparovic I, Hudec V, Hulman M. Optimal therapeutic strategy for postinfarction ventricular septal defect. J Card Surg. ISSN 1540-8191 (online),2022;37(8):2511. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/jocs.16583>
3. Artemiou P, Gasparovic I, Hudec V, Hulman M. The efficiency of the preoperative extracorporeal membrane oxygenation in the setting of postinfarction ventricular septal defect and how to optimize outcomes: A single center case series. J Card Surg. ISSN 1540-8191(online), 2022; 37(5):1416-1421. <https://doi.org/10.1111/jocs.1633310.1111/jocs.16333>
4. Bezak B, Artemiou P, Hudec V, Gasparovic I, Hulman M. Acute occlusion of an anomalous left circumflex artery after aortic valve replacement Cor et Vasa. ISSN 0010-8650, 2022;64:681. <https://e-corevasa.cz/pdfs/cor/2022/06/18.pdf>
5. Bezak B, Pindak D, Svajdler P, Gasparovic I, Artemiou P, Hulman M. Cardiac metastasis of a neuroendocrine tumor of the right colon extirpated without opening of the heart chambers. J Card Surg. ISSN 1540-8191(online), 2022; 37(3):673-674.
6. Bobocká K, Valkovičová T, Reptová A, Kaldarárová M, Vařejka P, Šimková I. *Koarktácia aorty ako príčina sekundárnej hypertenzie v dospelom veku a jej manažment (kazuistika)*. Cardiology Letters. ISSN 1338-3655, 2022; 31(1):77.

7. Bollová D, Šimková I, Gazdíková K, Reptová A. *Zriedkavé ochorenie v zriedkavých podmienkach: chronická tromboembolická pľúcna hypertenzia po splenektómii = Rare disease in rare condition: chronic thromboembolic pulmonary hypertension after splenectomy (case report)*. Lekársky obzor. ISSN 0457-4214 (print), 2022; 71(2):88-92.
8. Bollová D, Šimková I. *Vývoj chronickej tromboembolickej pľúcnej hypertenzie po splenektómii = Chronic thromboembolic pulmonary hypertension development after splenectomy - current opinion*. Lekársky obzor. ISSN 0457-4214(print) 2022; 71(2):70-75.
9. Brida M, Hajnalka O, Balint HO, Bence AB, Panfile E, Prokšelj K, Koritnik P, Lebid IH, **Šimkova I**, **Bobocka K**, Meidrops K, Strenge A, Perčin L, Kapleriene L, Gumbiene L, Tomkiewicz-Pajak L, Komar M, Roos-Hesselink JW, Gatzoulis MA, Diller GP. *Infective Endocarditis in Adults with Congenital Heart Disease: Contemporary management and related outcomes in Central and South-Eastern European region*. Int J Cardiol. ISSN 0167-5273 (print), 2023; 377:45-50.
10. Budáčová J, Kováčiková L, Škrak P, Michálek J. *Kortikosteroidná insuficiencia asociovaná s kritickým ochorením u detí*. Pediatrics. ISSN 1336-863X (print), 2022; 17(5):228-231.
11. Collatuzzo G, De Palma G, Violante FS, Porru S, Larese Filon F, Fabianova E, Violán C, Vimercati L, Leustean M, Rodriguez-Suarez MM, Sansone E, Sala E, Zunarelli C, Lodi V, Monaco MGL, Spiteri G, Negro C, Beresova J, Carrasco-Ribelles LA, Tafuri S, Asafo SS, Ditano G, Abedini M, Boffetta P, **Krizanova D**. *Temporal trends of COVID-19 antibodies in vaccinated healthcare workers undergoing repeated serological sampling: An individual-level analysis within 13 months in the ORCHESTRA cohort*. Front Immunol. ISSN 1664-3224(online),2023;11(13):1079884.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9875291/pdf/fimmu-13-1079884.pdf>

12. Collatuzzo G, Lodi V, Feola D, De Palma G, Sansone E, Sala E, Janke C, Castelletti N, Porru S, Spiteri G, Monaco MGL, Larese Filon F, Negro C, Cegolon L, Beresova J, Fabianova E, Carrasco-Ribelles LA, Toràn-Monserrat P, Rodriguez-Suarez MM, Fernandez-Tardon G, Asafo SS, Ditano G, Abedini M, Boffetta P, **Krizanova D**. Determinants of Anti-S Immune Response at 9 Months after COVID-19 Vaccination in a Multicentric European Cohort of Healthcare Workers-ORCHESTRA Project. *Viruses*. ISSN 1999-4915, 2022; 28;14(12):2657. <https://pubmed.ncbi.nlm.nih.gov/36560660/>
13. Collatuzzo G, Visci G, Violante FS, Porru S, Spiteri G, Monaco MGL, Larese Fillon F, Negro C, Janke C, Castelletti N, De Palma G, Sansone E, Mates D, Teodorescu S, Fabiánová E, Béréšová J, Vimercati L, Tafuri S, Abedini M, Ditano G, Asafo SS, Boffetta P, **Krizanova D**, Orchestra WP5 Working Group. Determinants of anti-S immune response at 6 months after COVID-19 vaccination in a multicentric European cohort of healthcare workers - ORCHESTRA project. *Front Immunol*. ISSN 1664-3224(online), 2022;29(13):986085. <https://pubmed.ncbi.nlm.nih.gov/36248889/>
14. Danková, M., Gonçalvesová, E. What is new in patients with HFpEF? | Čo je nové u pacientov s HFpEF? *Cardiology Letter*. ISSN 1338-3655 (print), 2022; 31(2):107–111.
15. **De By TMMH, Scheiger M, Hussain H**, Hulman M. et al. The European registry for patients with mechanical circulatory support (EUROMACS): third pediatric (Paedi-EUROMACS) report. *Eur J Cardiothorac Surg*. ISSN 1873-734X (online) ISSN 1010-7940 (print), 2022; 62(2):355. <https://doi.org/10.1093/ejcts/ezac355>
16. De By TMMH, Schoenrath F, Kevin MV, **Hulman M**. et al. The European registry for patients with mechanical circulatory support of the European association for cardio-thoracic surgery:third report. *Eur J Cardiothorac Surg*, ISSN 1873-734X (online), ISSN 1010-7940 (print) 2022; 62(1):032. <https://pubmed.ncbi.nlm.nih.gov/35150247/>
17. Fabo P, Olejník P. Coronary artery aneurysm after Kawasaki disease. *Cardiology Lett*. ISSN 1338-3655 (print), 2022;31 (5-6): 329-333

18. Felker GM, Solomon SD, Claggett B, Diaz R, McMurray JJV, Metra M, Anand I, Crespo-Leiro MG, Dahlström U, **Goncalvesova E**, Howlett JG, MacDonald P, Parkhomenko A, Tomcsányi J, Abbasi SA, Heitner SB, Hucko T, Kupfer S, Malik FI, Teerlink JR. Assessment of Omecamtiv Mecarbil for the Treatment of Patients With Severe Heart Failure: A Post Hoc Analysis of Data From the GALACTIC-HF Randomized Clinical Trial. JAMA Cardiol. ISSN 2380-6583 (Print) ISSN 2380-6591 (Online) 2022 Jan 1;7(1):26-34.
19. Flak Ľ. Kyselina acetylisalicylová, klopidogrel a riziko poškodenia sliznice gastrointestinálneho traktu. Aktuality v cievnej medicíne. ISSN 2729-8353, 2022; 2(6):1-2. <https://www.angiology.sk/wp-content/uploads/2022/06/kyselina-acetylisalicylova-klopidogrel-a-riziko-poskodenia-sliznice-gastrointestinalneho-traktu.pdf>
20. Flak Ľ. Očkovanie proti Covid-19 – aktuálny prehľad prínosu a rizika. Aktuality v cievnej medicíne. ISSN 2729-8353, 2022; 2(1):1-6. <https://www.angiology.sk/wp-content/uploads/2022/01/ockovanie-proti-covid-19-aktualny-prehľad-prinosu-a-rizika.pdf>
21. Flak Ľ. Očkovanie proti COVID-19: aktuálny prehľad prínosu a rizika. Lekárnické listy 4/2022 Eufarm. ISSN 1335-5821, 2022; 24(4): 18-21.
22. Flak Ľ. Vaskulárne komplikácie u pacientov s Covid-19. Kardiológia pre prax. ISSN 1336-3433, 2022; 20 (3): 148-151.
23. Gasparovic P. Artemiou M. Hulman M. Intimal aortic atherosclerosis in cardiac surgery: surgical strategies to prevent embolic stroke. Eur J Cardiothorac Surg, ISSN 1873-734X (online), ISSN 1010-7940 (print) 2022; 62(4):184. <https://doi.org/10.1093/ejcts/ezac184>
24. Gokler J, Aliabadi-Zuckerman AZ, Kaider A, Artemiou P. et al. Indications, complications, and outcomes of cardiac surgery after heart transplantation: Results from Rthe Cash study. Frontiers in Cardiovascular Medicine 2022. ISSN 2297-055X (Online),22(10)Article879612. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9218180/pdf/fcvm-09-879612.pdf>

25. Goldschmidtová E, Glézlová A, Nosál M, Olejník P, Kaldarárová M. Čo sa môže skrývať za dilatáciou pravej predsieni? *Kardiológia pre prax*. ISSN 1336-3433 (print), 2022; 20 (4): 252-256
26. Goncalvesova E, Dankova M, Lesny P, Luknar M. Impact of prehospital IV furosemide or nitrate application on hospital outcome in acute heart failure patients. *Bratisl Lek Listy*. ISSN 0006-9248 (print), 2022;123(12):859-863. http://www.elis.sk/download_file.php?product_id=7849&session_id=76ags13sqqdb5m56iu5l9g9891
27. Gonçalvesová, E. Príhovor prezidentky Slovenskej kardiologickej spoločnosti. *Cardiology Letters*. ISSN 1338-3655 (print), 2022; 31(1):5-7.
28. Grossmannova K, Barathova M, Belvoncikova P, **Lauko V**, Csaderova L, **Tomka J**, **Dulka T**, Pastorek J, **Madaric J**. Hypoxia Marker Carbonic Anhydrase IX Is Present in Abdominal Aortic Aneurysm Tissue and Plasma. *Int J Mol Sci*. ISSN 1422-0067, 2022; 23(2):879. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8778372/pdf/ijms-23-00879.pdf>
29. Heiss C, Olinic DM, Belch JJF, Brodmann M, Mazzolai L, Stanek A, **Madaric J**, Krentz A, Schlager O, Lichtenberg M, Frank U. European Society of Vascular Medicine. Management of chronic peripheral artery disease patients with indication for endovascular revascularization. *Vasa*. ISSN 1664-2872 (online), ISSN 0301-1526 (print), 2022;51(3):121-137. <https://econtent.hogrefe.com/doi/epdf/10.1024/0301-1526/a000998>
30. Hlavata T, Kaldararova M, Klauco F, Drangova E, Reptova A, Simkova I. Congenital Absence of the Portal Vein as a Rare Cause of Portopulmonary Hypertension—A Case Study Series. *Medicina*, ISSN 1648-9144 (online), ISSN 1010-660X(print),2022;58(10):1484. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9608572/pdf/medicina-58-01484.pdf>
31. Hulman M, Artemiou P, Gasparovic I. Venoarterial extracorporeal membrane oxygenation as a bridge to surgery in ischemic papillary muscle rupture. *Kardiochirurgia i Torakochirurgia Polska*, ISSN 1897-4252(online)

2022;19(3):152-154.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9574581/pdf/KITP-19-47871.pdf>

32. Chudý M, Goncalvesová E. Prediction of Left Ventricular Reverse Remodelling: A Mini Review on Clinical Aspects. *Cardiology*. ISSN 0008-6312(print) ISSN 1421-9751(online), 2022;147(5-6):521-528. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9808636/?report=reader>
33. Kaldararova M, Simkova I, Bohacekova M, Reptova A, Hlavata T, Pacak J, Lindner J, Jansa P. Central versus Peripheral CTEPH—Clinical and Hemodynamic Specifications, *Medicina*. ISSN 1648-9144 (online), ISSN 1010-660X(print), 2022(58):1538. <https://doi.org/10.3390/medicina58111538>
34. Klauco F, Kaldararova M, Reptova A, Valkovicova V, Bobocka K, Hlavata T, Simkova I. Ebstein's anomaly of the tricuspid valve management – the importance of right ventricle assessment. *European Heart Journal*, ISSN 0195668X(print), 2022;43(Suppl.2):ehac544.1856. <https://doi.org/10.1093/eurheartj/ehac544.1856>
35. Kováčiková Ľ.: Nové intravenózne cefalosporíny na použitie v pediatrii: ceftarolín a ceftazidím-avibaktám. *Pediatr. prax*, ISSN 1336-8168 (print), 2022;23(3):100-103.
36. Kováčiková Ľ.: Nové intravenózne cefalosporíny na použitie v pediatrii: ceftarolín a ceftazidím-avibaktám. *Praktické lekárstvo*, ISSN: 1338-3132, 2022;12(4):148-151.
37. Krajčovičová K, Szmicseková K, Porubcová S. Alternatívy k fluvastatínu počas jeho nedostupnosti/výpadku. *NÚSCHletters*. ISSN (online) 2644-6375, 2022; 4(2):1-4. <https://www.nusch.sk/files/stranky/nuschletters/nuschletters-02-2022.pdf>
38. Krajčovičová K, Szmicseková K, Porubcová S. Farmaceutický deň NÚSCH, a.s. *NÚSCHletters*. ISSN (online) 2644-6375, 2022; 4(1):1-8. <https://www.nusch.sk/files/stranky/nuschletters/nuschletters-01-2022.pdf>

39. Kucharovicová E, Olejník P. Kardiovaskulárne aspekty Williamsovho-Beurenovho syndrómu. *Pediatr. Prax.* ISSN 1336-8168 (print), 2022;26(6): 235-241.
40. Lajtmanová K, Slezáková V, Čendula R, Szmicseková K, Porubcová, S. Liekové interakcie PAXLOVIDu. *NÚSCHletters.* ISSN (online) 2644-6375, 2022; 4(4):1-8. <https://www.nusch.sk/files/stranky/nuschletters/nuschletters-04-2022.pdf>
41. Lanzi S, Belch J, Brodmann M, **Madaric J**, Bura-Riviere A, Visonà A, Mazzolai L. Supervised exercise training in patients with lower extremity peripheral artery disease. *Vasa.* ISSN 1664-2872 (online), ISSN 0301-1526 (print), 2022; 51(5):267-274. <https://econtent.hogrefe.com/doi/epdf/10.1024/0301-1526/a001024>
42. Lesný, P., Gonçalvesová, E. Comment on 2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure | Komentár k ESC 2021 Odporúčaniam pre diagnostiku a liečbu akútneho a chronického srdcového zlyhávania. *Cardiology Letters.* ISSN 1338-3655 (print), 2022; 31(2): 89–93.
43. Luknár, M. Gonçalvesová, E. Stimulation of soluble guanylate cyclase – a novel treatment target in heart failure | Stimulácia solubilnej guanylátcyklázy – inovatívny cieľ vo farmakoterapii srdcového zlyhávania *Cardiology Letters* , ISSN 1338-3655 (print) , 2022; 30(5):255–259.
44. Luknár, M., Lesný, P., Gonçalvesová, E. Combination treatment – a tool to improve the prognosis of patients with pulmonary arterial hypertension | Kombinačná liečba – prostriedok na zlepšenie prognózy pacientov s pľúcnou artériovou hypertenziou, *Cardiology Letters.* ISSN 1338-3655 (print), 2022; 31(2):100–106.
45. Maďarič J. Intravaskulárna litotripsia u pacientov s kalcifikačným postihnutím periférnych artérií. *Aktuality v cievnej medicíne.* ISSN 2729-8353, 2022; 2(7):1-6. <https://www.angiology.sk/wp-content/uploads/2022/07/intravaskularna-litotripsia-u-pacientov-s-kalcifikacnym-postihnutim-perifernych-arterii.pdf>

46. Mađarič J. Prehľad publikovaných odporúčaní a stanovísk odborných spoločností v cievnej medicíne – 2020/2021. Aktuality v cievnej medicíne. ISSN 2729-8353, 2022; 2(2):1-7. <https://www.angiology.sk/wp-content/uploads/2022/02/prehľad-publikovanych-odporucani-a-stanovisk-odbornych-spolocnosti-v-cievnej-medicine-2020-2021.pdf>
47. Medova V, Hulinkova I, Laiferova N, Urdova V, Ciznar P, Dolnikova D, Krasnanova V, Fabri O, Ficek A, Soltysova A. The importance of defining the age-specific TREC/KREC levels for detection of various inborn errors of immunity in pediatric and adult patients. Clin Immunol. 2022 Dec;245:109155.
48. Metra M, Pagnesi M, Claggett BL, Díaz R, Felker GM, McMurray JJV, Solomon SD, Bonderman D, Fang JC, Fonseca C, **Goncalvesova E**, Howlett JG, Li J, O'Meara E, Miao ZM, Abbasi SA, Heitner SB, Kupfer S, Malik FI, Teerlink JR. Effects of omecamtiv mecarbil in heart failure with reduced ejection fraction according to blood pressure: the GALACTIC-HF trial. Eur Heart J. ISSN 0195-668X (print) 2022 Dec 21;43(48):5006-5016. doi: 10.1093/eurheartj/ehac293
49. Ondrusek M, Artemiou P, Hulman M. Aneurysm of the atrioventricular septum mimicking myxoma in the right atrium. Kardiochirurgia i Torakochirurgia Polska, ISSN 1897-4252 (online), 2022, 19(4):256-257. <https://e-coretvaza.cz/pdfs/cor/2022/06/18.pdf>
50. Palareti G, Bignamini A, Cini M, Li YJ, Urbanek T, **Madaric J**, Bouslama K, Sokurenko GY, Andreozzi GM, Matuška J, Mansilha A, Barinov V. WHITE study group. Unprovoked or provoked venous thromboembolism: not the prevalent criterion to decide on anticoagulation extension in clinical practice of various countries-the prospective, international, observational WHITE study. Intern Emerg Med. eISSN 1938-2723, 2022; 17:71-82. <https://link.springer.com/content/pdf/10.1007/s11739-021-02765-1.pdf?pdf=button>
51. Palareti G, Bignamini AA, Urbanek T, Cini M, Li YJ, **Madaric J**, Bouslama K, Sokurenko GY, Andreozzi GM, Matuška J, Mansilha A, Barinov V. WHITE study group. Influence of clinical presentation, site, and extent of venous thrombosis on decision about duration of anticoagulation: Data from the international,

prospective, observational WHITE study. *Thromb Res.* ISSN 0049-3848, 2022; 211:140-146.

<https://reader.elsevier.com/reader/sd/pii/S0049384822000330?token=BD4B106DCFFA436ECC15B1D039DB81B430FC350CCD8FC7777673D6A20AB81ABF8FA49312B633713E540533D0D154AF8C&originRegion=eu-west-1&originCreation=20230109143201>

52. Porubcová S, Krajčovičová K, Szmicseková K, Tomka J, Čičová M, Tesař T. Optimalizácia farmakoterapie pacienta s cievnyim ochorením pri príjme, pri prepustení a pri kontrole po prepustení (PHAROS). *Solen. Praktické lekárnictvo.* ISSN 1339-4185, 2022; 12(1):29-35
https://www.solen.sk/storage/file/article/PLEK_1_2022_final%20%E2%80%93%20Porubcova.pdf
53. Porubcová S, Šimková I, Laššán Š, Krajčovičová K. *Liečba kardiaka s chronickým ochorením dýchacích ciest.* *Lekárnické listy.* XXVI. kongres Slovenskej kardiologickej spoločnosti, Šamorín, SR, 7.-8.10.2021. ISSN 1335-5821, 2022; 24(1):32-35.
54. Slezáková V, Lajtmanová K, Porubcová S. Efektívne využívanie alteplázy počas jej zníženej dostupnosti. *NÚSCHletters.* ISSN 2644-6375(online), 2022; 4(3):1-4. <https://www.nusch.sk/files/stranky/nuschletters/nuschletters-03-2022.pdf>
55. Slezáková V, Lajtmanová K, Porubcová S. Znížená dostupnosť alteplázy - možnosti riešenia. *Aktuality v cievnej medicíne.* ISSN 2729-8353, 2022; 2(8):1-7. <https://www.angiology.sk/wp-content/uploads/2022/12/znizena-dostupnost-alteplazy-moznosti-riesenia.pdf>
56. Tribouilloy Ch, Bohbot Y, Kubala M, Ruschitzka F, Popescu B, Wendler O, Laroche C, Bartha E, Ince H, Šimková I, Vahanian A. *Characteristics, management, and outcomes of patients with multiple native valvular heart disease: a substudy of the EURObservational Recherche Programme Valvular Heart Disease II Survey.* *European Heart Journal,* ISSN 0195-668X (print), 2022; 43(29):2756-2766.
<https://academic.oup.com/eurheartj/article/43/29/2756/6576528?login=false>

57. Vacula I, Rusiňáková Z, Čelovská D, Jackuliak P, Slopovský J, Palacka P, Moščovič M, Špánik S, Staško J, Wild D, Bátorová A, **Maďarič J**. Prevencia a liečba venózneho tromboembolizmu spojeného s malignitou - interdisciplinárny konsenzus. Vnitř Lék. ISSN 1801-7592, 2022; 68(4):221-226. <https://www.casopisvnitrnilekarstvi.cz/pdfs/vnl/2022/04/04.pdf>

Monografie, kapitoly v monografiách

1. Hodbod T, **Szmicseková K**, Trojčíková D, Dingová D, Paul Hrabovská A. Úloha butyrylcholínesterázy v etiopatogenéze obezity. Pokroky vo farmakológii v Slovenskej republike XVII. Bratislava. 2022; 32-38. ISBN 978-80-223-5483-7.
2. Illíková V. Arytmie. In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd., s. 157-173. ISBN: 978-80-89858-24-8.
3. Illíková V. Náhla kardiálna smrť. In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd., s. 175-181. ISBN: 978-80-89858-24-8.
4. Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd., 522 s. ISBN: 978-80-89858-24-8.
5. Olejník P. CT-angiografia srdca a veľkých ciev v pediatrickej intenzívnej kardiológii, In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd., s. 405-412. ISBN: 978-80-89858-24-8.
6. Záhorec M. Akútne srdcové zlyhanie. In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca. Bratislava, Solen 2022, 2.vyd., s. 81-94. ISBN: 978-80-89858-24-8.
7. Záhorec M. Fontanovská cirkulácia. In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd., s. 111-120. ISBN: 978-80-89858-24-8.
8. Záhorec M.. Postihnutie srdca v súvislosti s pandémiou SARS-CoV2. In: Kováčiková L. a kol. Intenzívna starostlivosť o deti s ochorením srdca, Bratislava, Solen 2022, 2.vyd. s. 211-218, ISBN: 978-80-89858-24-8.

Publikované abstrakty

1. Bohm A, Jajcay N, Jankova J, Petrikova K, Bezak. Artificial intelligence model for prediction of cardiogenic shock in patients with acute coronary B. syndrome. ESC Acute Cardiovascular Care; ISSN 2048-8734 (online), 2022:11(Suppl 1) Abstract book.
https://academic.oup.com/ehjacc/article/11/Supplement_1/zuac041.077/6576977
2. Hlavata T, Kaldararova M, Klauco F, Drangova E, Reptova A, Simkova I. Congenital Absence of the Portal Vein as a Rare Cause of Portopulmonary Hypertension-A Case Study Series. Medicina (Kaunas), ISSN 1648-9144 (online),2022,58(10):1484.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9608572/pdf/medicina-58-01484.pdf>
3. Hodbod, T., **Szmicseková, K.**, Murčo, D., Kiliánová, Z., Dingová, D., Paul Hrabovská, A. Changes of Serum Cholinesterases Activity in Obese Wistar Rats. European Pharmaceutical Journal. ISSN 2453-6725(online) 2022; 69(S1):39.
4. Kalocayova B, Kura B, Vlkovicova J, Snurikova D, Vrbjar N, Frimmel K, **Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Hulman M, Slezak J.** Molecular hydrogen: new protective tool against acute kidney injury associated with cardiac surgery. In *8th European Section Meeting of the International Academy of Cardiovascular Sciences (IACS); September 28 – October 1, 2022; Szeged, Hungary.* 2022; p. 31. ISBN:978-963-306-879-3.
5. Kalocayova B, Kura B, Vlkovicova J, Snurikova D, Vrbjar N, Frimmel K, **Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Hulman M, Slezak J.** Molecular Hydrogen: Prospective Treatment Strategy of Kidney Injury after Cardiac Surgery. In: *13th World Congress of the International Society for Adaptive Medicine (ISAM), October 25.-28., Orlando, 2022;* p. 44.
6. Kalocayova B, Kura B, Vlkovicova J, Snurikova D, Vrbjar N, Frimmel K, **Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Hulman M, Slezak J.** Application of molecular hydrogen in the cardiac surgery-associated acute

kidney injury. In: *41st North American Section of the International Society for Heart Research (ISHR) and 9th North American Section of the International Academy of Cardiovascular Sciences (IACS) „Advances in Cardiovascular Science and Medicine Through Diversity, Equity, and Inclusion supported by Education, Research, and Technology Innovation“*, September 6.-9., 2022, Winnipeg, 2022, p. 22.

7. Kalocycova B, Kura B, Vlkovicova J, Snurikova D, Vrbjar N, Frimmel K, Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Hulman M, Slezak J. Effect of molecular hydrogen on cardiac surgery-associated acute kidney injury. In *1st Conference of European Academy for Molecular Hydrogen Research in Biomedicine “Hydrogen for Biomedicine“*; October 17.-20., 2022; Smolenice, Slovak Republic – 2022, p. 38.
8. Klauco F, Kaldararova M, Reptova A, Valkovicova T, Bobocka K, Hlavata T, Simkova I. Ebstein's anomaly of the tricuspid valve management – the importance of right ventricle assessment. *European Heart Journal*, ISSN 1522-9645 (online), ISSN 0195-668X (print), 2022, 43, S2 (ehac 544.1856.). <https://doi.org/10.1093/eurheartj/ehac544.1856>
9. Kováčiková Ľ, Budáčová J, Škrak P, Záhorec M. Kardiovaskulárne postihnutie u detí a mladistvých s COVID-19. In: Romanová Ľ. *Novinky v anestéziológii a intenzívnej medicíne 2022. Pri príležitosti 28. Kongresu Slovenskej spoločnosti anestéziológie a intenzívnej medicíny s medzinárodnou účasťou. Zborník.*
10. Kura B, Kalocayova B, Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Hulman M, Slezak J. Protective effect of molecular hydrogen on the heart and the whole body in simulated heart transplantation. In *41st North American Section of the International Society for Heart Research (ISHR) and 9th North American Section of the International Academy of Cardiovascular Sciences (IACS) „Advances in Cardiovascular Science and Medicine Through Diversity, Equity, and Inclusion supported by Education, Research, and Technology Innovation“*, September 6.-9., 2022, Winnipeg, Canada – 2022, p. 82.
11. Kura B, Kalocayová B, Hudec V, Ondrusek M, Gasparovic I, Sramaty R, Luptak J, Pavelekova P, Hulman M, Slezak J. Therapeutic effect of molecular hydrogen on the heart during ist simulated transplantation. In *1st Conference of European Academy for Molecular Hydrogen Research in Biomedicine “Hydrogen for*

Biomedicine“; October 17.-20., 2022; Smolenice, Slovak Republic – 2022, p. 42.

12. Kura B, Kaločayová B, Szeiffová Bačová B, Sýkora M, Tribulová N, **Hudec V, Ondrušek M, Gašparovič I, Šramatý R, Hulman M, Slezák J.** Modification of the Expression of Selected miRNAs in the Heart During Simulated Transplantation: Effect of Molecular Hydrogen. In *7th Meeting of the European Section and 8th Meeting of the North American Section of the International Academy of Cardiovascular Sciences (IACS), Banja Luka 20-23 September 2021 : Abstracts*, abstract ID: 71. *Scripta Medica*, ISSN 2490-3329 (print), ISSN 2303-7954 (online). 2021, vol. 52, suppl. 1, p. 61.
13. Kura B, Kaločayová B, Szeiffová Bačová B, Sýkora M, Tribulová N, **Hudec V, Ondrušek M, Gašparovič I, Lupták J, Šramatý R, Hulman M, Slezák J.** Vplyv aplikácie molekulárneho vodíka počas transplantácie srdca: expresia vybraných miRNA. In *"Sex & Development" aneb Život experimentálního kardiologa. 48. pracovní konference Komise experimentální kardiologie (KEK), 13.-15. října 2021, Kroměříž : sborník abstraktu. - 2021, nestr.*
14. Kura B, Kaločayová B, Szeiffová Bačová B, Sýkora M, Tribulová N, **Hudec V, Ondrušek M, Gašparovič I, Šramatý R, Lupták J,**
15. Kura B. Kaločayová B. Szeiffová Bačová B, Sýkora M, Tribulová N, **Hudec V, Ondrušek M, Gašparovič I, Šramatý R, Hulman M, Slezák J.** Beneficial effect of hydrogen gas on the heart that has undergone simulated heart transplantation, possible new therapeutic agent? In *New Frontiers in Basic Cardiovascular Research France – New EU Members, May 25-27, 2022, Bratislava : Program & Book of Abstracts.* - Bratislava, Slovakia : Institute for Heart Research, Centre of Experimental Medicine, Slovak Academy of Sciences, Bratislava, Slovakia, 2022, p. 42. ISBN 978-80-8240-025-3.
16. Olejnik P, Tittel P, Venczelova Z, Kardos M, Tomko J, Majerova L, Bartova M, Masura J. Long-term follow-up of percutaneous secundum-type atrial septal defect closure using Amplatzer septal occluder since 1995. 54th Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC) Digital, Gothenburg, Sweden | 25–27 May 2021. (2022). *Cardiology in the Young*, ISSN: 1047-9511 (print), 1467-1107 (online), 32, (S1):150. <https://www.cambridge.org/core/journals/cardiology-in-the-young/article/54th-annual-meeting-of-the-association-for-european-paediatric-and-congenital->

[cardiology-aepec-digital-göthenburg-sweden-2527-may-2021/11A185087C67BF85EA432D5A45AB1AFF](https://doi.org/10.1111/11A185087C67BF85EA432D5A45AB1AFF)

17. Postulka J, Chnupa P, Hulman M. Liposarcoma metastasis to cardiac interventriculat septum. *JACC*; ISSN: 0735-1097 (print) 1558-3597 (online) 0735-1097 2022, 79 (9):Suppl A. 3431. Poster. <https://www.jacc.org/doi/epdf/10.1016/S0735-1097%2822%2904422-9>
18. Skrak P, Hrubsova Z, Kovacikova L. Non-invasive Neurally-adjusted Ventilatory Assist in Children After Cardiac Surgery. *PCCM* 2022;23 (11), Suppl 2., **ISBN/ISSN:** ISBN 978-80-970708-0-9 *Pediatric Critical Care Medicine*. **ISSN:** 1529-7535 (online), **ISSN:** 1947-3893 (print) 2022, 23(Suppl1):11. Poster.
19. Slezak J, Hulman M, Hudec V, Luptak J, Olejarova I, Ondrusek M, Gasparovic I, Sramaty R, Szeiffova Bacova B, Barancik M, Sykora M, Okruhlicova L, Tribulova N, Bolli R, Kalocayova B, Lebaron TW, Zalesak M, Andelova K, Kura B. Application of donor heart and recipient with molecular hydrogen alleviates graft dysfunction and overall condition after simulated transplantation of the pig heart. In *8th European Section Meeting of the International Academy of Cardiovascular Sciences (IACS); September 28 – October 1, 2022; Szeged, Hungary – 2022*, p. 30. Abstract. ISBN:978-963-306-879-3.
20. Slezak J, Hulman M, Hudec V, Luptak J, Olejarova I, Ondrusek M, Gasparovic I, Sramaty R, Szeiffova Bacova B, Barancik M, Sykora M, Okruhlicova L, Tribulova N, Bolli R, Kalocayova B, LeBaron TW, Ravingerova T, Lonek L, Zalesak M, Andelovak K, Kura B. Heart transplantation innovative method mitigating oxidative stress by perioperative administration of molecular hydrogen. In *1st Conference of European Academy for Molecular Hydrogen Research in Biomedicine “Hydrogen for Biomedicine“; October 17.-20., 2022; Smolenice, Slovak Republic – 2022*, p. 71-72.
21. Slezak J, Hulman M, Hudec V, Luptak J, Olejarova I, Ondrusek M, Gasparovic I, Sramaty R, Szeiffova Bacova B, Barancik M, Sykora M, Okruhlicova L, Tribulova N, Bolli R, Kalocayova B, LeBaron TW, Ravingerova T, Lonek L, Zalesak M, Andelovak K, Kura B. Innovative Method for Heart Transplantation mitigating Oxidative Stress by Perioperative Administration of Molecular Hydrogen. In *13th World Congress of the International Society for Adaptive Medicine (ISAM), October 25.-28., 2022; Orlando, USA – 2022*, p. 35.

22. Slezak J, Hulman M, Hudec V, Luptak J, Olejarova I, Ondrusek M, Gasparovic I, Sramaty R, Szeiffova Bacova B, Barancik M, Sykora M, Okruhlicova L, Tribulova N, Bolli R, Kalocayova B, LeBaron TW, Ravingerova T, Lonek L, Zalesak M, Andelovak K, Kura B. Improving the activity of the transplanted heart and the overall condition of the pigs after perioperative administration of molecular hydrogen. In *41st North American Section of the International Society for Heart Research (ISHR) and 9th North American Section of the International Academy of Cardiovascular Sciences (IACS) „Advances in Cardiovascular Science and Medicine Through Diversity, Equity, and Inclusion supported by Education, Research, and Technology Innovation“*, September 6.-9., 2022, Winnipeg, Canada – 2022, p. 82.
23. Slezák J, Hulman M, Hudec V, Lupták J, Olejárová I, Ondrušek M, Gašparovič I, Šramatý R, Szeiffová Bačová B, Barančík M, Sýkora M, Okruhlicová Ľ, Tribulová N, Bolli R, Kaločayová B, Le Baron, Tyler W, Ravingerová T, Lonek Ľ, Zálešák M, Andelová K, Kura B. Transplantation of the heart. Innovative method mitigating oxidative stress by molecular hydrogen. In *New Frontiers in Basic Cardiovascular Research France – New EU Members, May 25-27, 2022, Bratislava : Program & Book of Abstracts*. - Bratislava, Slovakia : Institute for Heart Research, Centre of Experimental Medicine, Slovak Academy of Sciences, Bratislava, Slovakia, 2022, p. 54. ISBN 978-80-8240-025-3.
24. Vlkovičová J, Šnúriková D, Vrbjar N, Kura B, **Slezák J, Hudec V, Ondrušek M, Gašparovič I, Šramatý R, Lupták J, Hulman M**, Kaločayová B. Application of molecular hydrogen in the cardiac surgery - associated acute kidney injury. In *New Frontiers in Basic Cardiovascular Research France – New EU Members, May 25-27, 2022, Bratislava : Program & Book of Abstracts*. - Bratislava, Slovakia : Institute for Heart Research, Centre of Experimental Medicine, Slovak Academy of Sciences, Bratislava, Slovakia, 2022, p. 108. ISBN 978-80-8240-025-3.
25. Zahorec M, Skrak P, Lajmon M, Illikova V, Zemankova J, Olejnik P, Hrubsova Z, Kovacikova L. How many patients after Norwood procedure reach adulthood? 54th Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC) Digital, Gothenburg, Sweden | 25–27 May 2021. (2022). *Cardiology in the Young*, ISSN: 1047-9511 (print), 1467-1107 (online), 32, , (S1):104.

