

MHT tudományos támogatással született publikációk listája

2008:

Horváth P., Kneffel Zs., Lénárd Zs., Kispéter Zs., Petrekanits M., Pavlik G.: Echocardiographic parameters in athlete and non-athlete offspring of hypertensive parents. Echocardiography, 25 1-7 (2008) *IF: 1,329*

Bajcsi Dóra, Légrády Péter, Farkas Réka, Fejes Imola, Frank Enikő, Farkas Katalin, Fehértemplomi Katalin, Erdei Éva, Majlath Zsófia, Ábrahám György. A kis- és nagyerek állapotának non-invazív vizsgálata Finometer[®] eszközzel cukorbeteg és nem cukorbeteg hypertóniásokban. Magy Belorv Arch 2008;61:101-107.

2009:

Varga-Pintér B., Horváth P., Kneffel Zs., Major Zs., Tóth M., Pavlik G.: Felnőtt sportolók nyugalmi vérnyomása. Hung. Rev. Sports Med. 50 11-16 (2009)

Légrády Péter: Szemelvények a hazai kardiometabolikus kutatások eredményeiből. Családorvosi Fórum, 2009. március, pp. 5-8.

2010:

Páll D, Juhász M, Lengyel S, Molnár C, Paragh G, Fülesdi B, Katona E. Assessment of target-organ damage in adolescent white-coat and sustained hypertensives. J Hypertens. 2010 Oct;28(10):2139-44. *IF: 3,98*

3: Juhász M, Katona E, Settakis G, Paragh G, Molnár C, Fülesdi B, Páll D. Gender-related differences in adolescent hypertension and in target organ effects. J Womens Health (Larchmt). 2010 Apr;19(4):759-65. *IF: 1,454*

M Matrai, B Szekacs, M Mericli, GL Nadasz, M Szekeres, G Bekesi, E Monos, Sz Varbiro. Biomechanics and vasoreactivity of female intramural coronaries in angiotensin II induced hypertension. Acta Physiologica Hungarica. 2010; 97:31–42. *IF: 1,226*

Varbiro S, Biro A , Cervenak J , Cervenak L , Singh M , Banhidy F , Sebestyen A , Fust G , Prohaszka Z Human anti-60 kD heat shock protein autoantibodies are characterized by basic features of natural autoantibodies ACTA PHYSIOLOGICA HUNGARICA 97:(1) pp. 1-10. (2010) *IF: 1,226*

Nadasz GL, Várbíró S, Szekeres M, Kocsis A, Székács B, Monos E, Kollai M. Biomechanics of Resistance Artery Wall Remodeling in Angiotensin-II Hypertension and Subsequent Recovery. Kidney Blood Press Res. 2010; 33:37-47. *IF : 1,500*

Molnar MZ, Keszei A, Czira ME, Rudas A, Ujszaszi A, Haromszeki B, Kosa JP, Lakatos P, Sarvary E, Beko G, Fornadi K, Kiss I, Remport A, Novak M, Kalantar-Zadeh K, Kovesdy CP, Mucsi I Evaluation of the Malnutrition-Inflammation Score in Kidney Transplant Recipients AM J KIDNEY DIS: 56(1): 102-111 (2010) *impact factor: 5,152*

Molnar MZ, Czira ME, Rudas A, Ujszaszi A, Haromszeki B, Kosa JP, Lakatos P, Beko G, Sarvary E, Varga M, Fornadi K, Novak M, Rosivall L, Kiss I, Remport A, Goldsmith DJ, Kovesdy CP, Mucsi I. Association between the Malnutrition-Inflammation Score and Post-Transplant Anemia NEPHROL DIAL TRANSPL. 2011 Jun;26(6):2000-6. *impact factor: 3.306*

Kovesdy CP, Czira ME, Rudas A, Ujszaszi A, Rosivall L, Novak M, Kalantar-Zadeh K, Molnar MZ, Mucsi I. Body mass index, waist circumference and mortality in kidney transplant recipients AM J TRANSPLANT. 2010 Dec;10(12):2644-51. *impact factor: 6.433*

Kovesdy CP, Molnar MZ, Czira ME, Rudas A, Ujszaszi A, Rosivall L, Szathmari M, Covic A, Keszei A, Beko G, Lakatos P, Kosa J, Mucsi I. Associations between serum leptin level and bone turnover in kidney transplant recipients. Clin J Am Soc Nephrol. 2010 Dec;5(12):2297-304. *impact factor: 4.844*

Szentkiralyi A, Czira ME, Molnar MZ, Kovesdy CP, Remport A, Szeifert L, Vamos EP, Juhasz J, Turanyi CZ, Mucsi I, Novak M High risk of obstructive sleep apnea is a risk factor of death censored graft loss in kidney transplant recipients – an observational cohort study SLEEP MED. 2011 Mar;12(3):267-73. *impact factor: 3.699*

Kovacs AZ, Molnar MZ, Szeifert L, Ambrus C, Molnar-Varga M, Szentkiralyi A, Mucsi I, Novak M. Sleep disorders, depressive symptoms and health related quality of life – a crosssectional comparison between kidney transplant recipients and waitlisted patients on maintenance dialysis. NEPHROL DIAL TRANSPL. 2011 Mar;26(3):1058-65. *impact factor: 3.306*

2011:

Szentkiralyi A, Czira ME, Molnar MZ, Kovesdy CP, Remport A, Szeifert L, Vamos EP, Juhasz J, Turanyi CZ, Mucsi I, Novak M: High risk of obstructive sleep apnea is a risk factor of death censored graft loss in kidney transplant recipients: an observational cohort study. *SLEEP MEDICINE* 12:(3) pp. 267-273. (2011) *IF: 3.400*

Varga-Pintér B., Horváth P., Kneffel Zs., Major Zs., Osváth P., Pavlik G.: Resting blood pressure values of adult athletes – blood pressure research. *Kidney and Blood Pressure Research* 34 387-395 (2011) *IF: 1,714*

Páll D, Lengyel S, Komonyi E, Molnár C, Paragh G, Fülesdi B, Katona E. Impaired cerebral vasoreactivity in white coat hypertensive adolescents. *Eur J Neurol.* 2011 Apr;18(4):584-9. *IF: 3,692*

2012:

Bodor Cs., Nagy J.P., Végh B., Németh A., Jenei A., Mirza Hosseini S., Sebe A., Rosivall L.: Angiotensin II increases the permeability and PV-1 expression of endothelial cells. *AJP-Cell Physiology*, 302 (1): C267-76, 2012, *IF: 3.711*

Anett Lindner, Katalin Fornadi, Alpar Sandor Lazar, Maria Eszter Czira, Andrea Dunai, Rezso Zoller, Andras Szentkiralyi, Marta Novak, Istvan Mucsi and Miklos Zsolt Molnar: Periodic Limb Movements in Sleep are associated with stroke and cardiovascular risk factors in patients with renal failure *J Sleep Res.* 2012 Jun;21(3):297-307. *IF: 3.157*

Fornadi K, Lindner A, Czira ME, Szentkiralyi A, Lazar AS, Zoller R, Turanyi CZ, Veber O, Novak M, Mucsi I, Molnar MZ. Lack of association between objectively assessed sleep disorders and inflammatory markers among kidney transplant recipients. *Int Urol Nephrol*. 2012 Apr;44(2):607-17. *IF: 1.325*

Sara L, Antal P, Masszi G, Buday A, Horvath EM, Hamar P, Monos E, Nadasy GL, Varbiro S. Arteriolar insulin resistance in a rat model of polycystic ovary syndrome. *Fertil Steril*. 2012;97: 462-468. *IF: 4,174*

Sára L, Nádas GyL, Antal P, Monori-Kiss A, Szekeres M, Masszi G, Monos E, Várbiro Sz. Pharmacological reactivity of resistance vessels in a rat PCOS model – vascular effects of parallel vitamin D3 treatment *Gynecol Endocrinol*. 2012; 28:961-964. *IF: 1,303*

Sára L, Nádas GyL, Antal P, Szekeres M, Monori-Kiss A, Horváth EM, Tőkés AM, Masszi G, Monos E, Várbíró Sz Arteriolar biomechanics in a rat polycystic ovary syndrome model - Effects of parallel vitamin D3 treatment. *Acta Physiol Hung*. 2012; 99:279-288. *IF: 0,882*

Matrai M, Hetthessy J, Nadasy GL, Monos E, Szekacs B, Varbiro S. Sex Differences in the Biomechanics and Contractility of Intramural Coronary Arteries in Angiotensin II-Induced Hypertension. *Gender Med*. 2012; 9:548-556. *IF: 1,690*

Koller A, Toth P. Contribution of flow-dependent vasomotor mechanisms to the autoregulation of cerebral blood flow. *JOURNAL OF VASCULAR RESEARCH* 2012;49: 5pp.375-389,15p. *impact factor: 2.434*

Veresh Z, Debreczeni B, Hamar J, Kaminski PM, Wolin MS, Koller A. Asymmetric Dimethylarginine Reduces Nitric Oxide Donor-Mediated Dilation of Arterioles by Activating the Vascular Renin-Angiotensin System and Reactive Oxygen Species. *JOURNAL OF VASCULAR RESEARCH* 2012;49:4 pp. 363-372,10 p. *impact factor: 2.434*

Fejes Imola, Légrády Péter, Bajcsi Dóra, Farkas Katalin, Ábrahám György. A vizsgaidőszak mint stressz-szituáció hatása a cardiovascularis paraméterekre egészséges egyetemi hallgatókban. *Magy Belorv Arch* 2012;65:179-184.

Légrády Péter, Bajcsi Dóra, Fejes Imola, Vörös E., Barzó P., Ábrahám György. Effect of left-sided brain stem decompression on blood pressure and short-term cardiovascular regulation in resistant hypertension. *Hypertens Res* 2012;35:1118-1119. *impact factor: 2.791*

Légrády Péter, Nagy F. T., Thury A., Bajcsi Dóra, Fejes Imola, Simon J., Nagy E., Ungi I., Ábrahám György. Mindkét oldali renalis artéria rádiófrekvenciás ablációjának hatása a vérnyomás, a terápia és a baroreflexszenzitivitás alakulására terápia rezisztens hypertoniás beteg esetében. *Hypertonia és Nephrologia* 2012;16:148-152.

2013

Masszi G, Buday A, Novak A, Horvath EM, Tarszabo R, Sara L, Revesz C, Benko R, Nadasy GL, Benyo Z, Hamar P, Varbiro S. Altered insulin-induced relaxation of aortic rings in a dihydrotestosterone-induced rodent model of polycystic ovary syndrome. *Fertil Steril*. 2013; 99:573-578. *IF: 4,295*

Masszi G, Horvath EM, Tarszabo R, Benko R, Novak A, Buday A, Tokes AM, Nadasy NL, Hamar P, Benyó Z, Varbiro Sz. Reduced Estradiol-Induced Vasodilation and Poly-(ADP-Ribose) Polymerase (PARP) Activity in the Aortas of Rats with Experimental Polycystic Ovary Syndrome (PCOS) PLOS ONE. 2013; 8:(3) Paper e55589. 7 p. *IF: 3,534*

Masszi G, Novak A, Tarszabo R, Horvath EM, Buday A, Ruisanchez E, Tokes AM, Sara L, Benko R, Nadasy GL, Revesz C, Hamar P, Benyó Z, Varbiro S. Effects of vitamin D3 derivative--calcitriol on pharmacological reactivity of aortic rings in a rodent PCOS model. Pharmacol Rep. 2013;65(2):476-483. *IF: 2,165*

Masszi G , Benko R , Csibi N , Horvath EM , Tokes AM , Novak A , Beres NJ , Tarszabo R , Buday A , Repas Cs , Bekesi G , Patocs A , Nadasy GyL , Hamar P , Benyo Z , Varbiro Sz Endothelial relaxation mechanisms and nitrative stress are partly restored by Vitamin D3 therapy in a rat model of polycystic ovary syndrome. LIFE SCIENCES 93:(4) pp. 133-138. (2013) *IF:2,296*

Wappler EA, Antal P, Várbíró S, Székács B, Simon A, Nagy Z, Monos E, Nádasy GL Network remodeling of intramural coronary resistance arteries in the aged rat: A statistical analysis of geometry. Mech Ageing Dev. 2013; 134:307-313. *IF:3,510*

Toth P, Csiszar A, Sosnowska D, Tucsek Z, Cseplo P, Springo Z, Tarantini S, Sonntag WE, Ungvari Z, Koller A. Treatment with the cytochrome P450 omega-hydroxylase inhibitor HET0016 attenuates cerebrovascular inflammation, oxidative stress and improves vasomotor function in spontaneously hypertensive rats. BRITISH JOURNAL OF PHARMACOLOGY 2013;168:8 pp. 1878-1888,11 p. *impact factor: 4.990*

Fang L, Radovits T, Szabó G, Mózes MM, Rosivall L, Kökény G. Selective phosphodiesterase-5 (PDE-5) inhibitor vardenafil ameliorates renal damage in type 1 diabetic rats by restoring cyclic 3',5' guanosine monophosphate (cGMP) level in podocytes. Nephrol Dial Transplant. 2013 Jul;28(7):1751-61. *impact factor: 3,488*

2014:

Véber OA, Lendvai Z, Ronai KZ, Dunai A, Zoller R, Lindner AV, Turanyi CZ, Szocs JL, Keresztes K, Tabák AG, Novak M, Molnar MZ, and Mucsi I.: Obstructive Sleep Apnea and Cardiovascular Autonomic Function in Male Patients with Metabolic Syndrome *Metab Syndr Relat Disord.* 2014 Mar;12(2):117-24. *IF: 1.976*

Fügedi G, Molnár M, Rigó J Jr, Schönléber J, Kovalszky I, Molvarec A. Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study. BMC Pregnancy Childbirth 2014;14:395. *impact factor: 2,19*

Varbiro S, Sara L, Antal P, Monori-Kiss A, Tokes AM, Monos E, Benko R, Csibi N, Szekeres M, Tarszabo R, Novak A, Paragi P, Nadasy GL. Lower-limb veins are thicker and vascular reactivity is decreased in a rat PCOS model: concomitant vitamin D3 treatment partially prevents these changes AMERICAN JOURNAL OF PHYSIOLOGY: HEART AND CIRCULATORY PHYSIOLOGY 307:(6) pp. H848-H857. (2014) *IF:3,838*

Légrády Péter, Fejes Imola, Ábrahám György The Sympathetic Nervous System in Hypertension: It's role in the pathomechanism and the therapy of hypertension. Saarbrücken, Germany, 2014; Scholars' Press (ISBN 9783639717800), 63 p.

Légrády Péter The role of the sympathetic nervous system in the pathomechanism and the therapy of hypertension. PhD dolgozat. Szeged, 2014. SZTE, 63 p.

2015:

László A, Babos L, Kiss-Igari Z, Pálffy A, Torzsa P, Eőry A, Kalabay L, Gonda X, Rihmer Z, Cseprekál O, Tislér A, Lénárt L, Hodrea J, Fekete A, Nemcsik J. Identification of hypertensive patients with dominant affective temperaments might improve the psychopathological and cardiovascular risk stratification: a pilot, case-control study. *Ann Gen Psychiatry*, 2015; 14:33. *impact factor: 1.411*

Nemeth ZK, Mardare NG, Czira ME, Deak G, Kiss I, Mathe Z, Remport A, Ujszaszi A, Covic A, Molnar MZ, Mucsi I. Serum osteoprotegerin is associated with pulse pressure in kidney transplant recipients. *Sci Rep*. 2015 Oct 13;5:14518. *IF: 5.228*

Molvarec A, Fügedi G, Szabó E, Stenczer B, Walentin S, Rigó J Jr. Decreased circulating anandamide levels in preeclampsia. *Hypertens Res* 2015;38(6):413-8. *impact factor: 3,208*

2016:

Nemcsik J, László A, Lénárt L, Eorsi D, Torzsa P, Kőrösi B, Cseprekál O, Tislér A, Tabák A, Gonda X, Rihmer Z, Hodrea J, Nemcsik-Bencze Zs, Fekete A. Hyperthymic Affective Temperament and Hypertension are Independent Determinants of Serum Brain-derived Neurotrophic Factor Level. *Ann Gen Psychiatry*, 2016;15:17. *impact factor: 1.405*

László A, Tabák Á, Kőrösi B, Eorsi D, Torzsa P, Cseprekál O, Tislér A, Reusz Gy, Nemcsik-Bencze Zs, Gonda X, Rihmer Z, Nemcsik J. Association of Affective Temperaments with Blood Pressure and Arterial Stiffness in Hypertensive Patients: a Cross-sectional Study. *BMC Cardiovasc Disord*, 2016;16:158. *impact factor: 1.832*

Cseprekál O, Egresits J, Tabák Á, Nemcsik J, Járai Z, Babos L, Fodor E, Farkas K, Godina G, Kárpáthi KI, Kerkovits L, Marton A, Nemcsik-Bencze Zs, Németh Z, Sallai L, Kiss I, Tislér A. The significance of micro- and macrovascular biomarkers on cardiovascular outcome in chronic kidney disease: a prospective cohort study. *J Hum Hypertens*. 2016 Jul;30(7):449-55. *impact factor: 2,797*.

Matrai M, Hetthessy JR, Nadasy GL, Szekacs B, Mericli M, Acs N, Monos E, Arbib N, Varbiro S Estrogen therapy may counterbalance eutrophic remodeling of coronary arteries and increase bradykinin relaxation in a rat model of menopausal hypertension. *MENOPAUSE* 23:(7) pp. 778-783. (2016) *IF:2,733*

Cseplo P, Vamos, Z, Ivic I, Torok O, Toth A, Koller A. The Beta-1-Receptor Blocker Nebivolol Elicits Dilation of Cerebral Arteries by Reducing Smooth Muscle [Ca²⁺]_i *PLOS ONE* 2016;11:10 Paper: e0164010,22 p. *impact factor: 2.806*

2017:

Kőrösi B, László A, Tabák Á, Batta D, Lénárt L, Fekete A, Eörsi D, Cseprekál O, Tislér A, Nemcsik-Bencze Zs, Gonda X, Rihmer Z, Nemcsik J. The impact of currently recommended antihypertensive therapy on depression and other psychometric parameters: preliminary communication. *Neuropsychopharm Hung* 2017;19:11-22.

Nemcsik J, Vecsey-Nagy M, Szilveszter B, Kolossváry M, Karády J, László A, Kőrösi B, Nemcsik-Bencze Zs, Gonda X, Merkely B, Rihmer Z, Maurovich-Horvat P. Inverse association between hyperthymic affective temperament and coronary atherosclerosis: A coronary computed tomography angiography study. *J Psychosom Res*, 2017;103:108-112. *impact factor: 2,947*

Kökény G, Fang L, Révész Cs, Mózes MM, Vörös P, Szénási G, Rosivall L: The effect of combined treatment with the (pro)renin receptor blocker HRP and Quinapril in type 1 diabetic rats. *Kidney and Blood Pressure Research*. 42(1):109-122, 2017 *IF: 2.908*

Nemcsik J, Cseprekál O, Egresits J, Kielstein J, Kümpers P, Lukasz A, Tabák Á, Marton A, Németh ZK, Járai Z, Godina G, Sallai L, Farkas K, Kiss I, Tislér A. The role of laser Doppler flowmetry tests, serum angiopoietin-2, asymmetric and symmetric dimethylarginine to predict outcome in chronic kidney disease. *J Hypertens*. 2017 May;35(5):1109-1118. *impact factor: 4,092*.

2018:

Kőrösi B, László A, Tabák Á, Batta D, Lénárt L, Fekete A, Eörsi D, Cseprekál O, Tislér A, Nemcsik-Bencze Zs, Gonda X, Rihmer Z, Nemcsik J. A jelenlegi ajánlások szerinti antihipertenzív terápia hatása a depresszióra és egyéb pszichometriai paraméterekre: előzetes eredmények. *Hypertonia és Nephrologia* 2018;22:111-119.

Nemcsik J, Tabák Á, Batta D, Cseprekál O, Egresits J, Tislér A. Integrated central blood pressure-aortic stiffness risk score for cardiovascular risk stratification in chronic kidney disease. *Physiol Int*. 2018 Dec 1;105(4):335-346. *impact factor: 1,113*.

Hadjadj L, Varbiro S, Horvath EM, Monori-Kiss A, Pal E, Karvaly GB, Heinzlmann A, Magyar A, Szabo I, Sziva RE, Benyo Z, Buday M, Nadasy GL Insulin resistance in an animal model of polycystic ovary disease is aggravated by vitamin D deficiency: Vascular consequences. *Dia Vasc Dis Res*. 15(4): 294-301. 2018. *IF: 2,357*.

Pal E, Hadjadj L, Fontanyi Z, Monori-Kiss A, Mezei Z, Lippai N, Magyar A, Heinzlmann A, Karvaly G, Monos E, Nadasy G, Benyo Z, Varbiro S Vitamin D deficiency causes inward hypertrophic remodeling and alters vascular reactivity of rat cerebral arterioles.

PLOS ONE 13:(2) Paper e0192480. 16 p. (2018) *IF:2,776*

2019:

Hadjadj L; Pál É; Monori-Kiss A; Sziva, RE; Korsós-Novák Á; Horváth EM; Benkő R; Magyar A; Magyar P; Benyó Z, Nádasy GL, Várbíró S. Vitamin D deficiency and androgen excess result eutrophic remodeling and reduced myogenic adaptation in small cerebral arterioles in female rats *GYNECOLOGICAL ENDOCRINOLOGY* pp. 1-6. , 6 p. (2019) *IF: *1,406*

Hadjadj L; Monori-Kiss A; Horváth EM; Heinzlmann A; Magyar A; Sziva RE; Miklós, Zs; Pál É; Gál J; Szabó, I, Benyó Z., Nádasy GL, Várbíró S. Geometric, elastic and contractile-relaxation changes in coronary arterioles induced by Vitamin D deficiency in normal and hyperandrogenic female rats MICROVASCULAR RESEARCH 122 pp. 78-84. , 7 p. (2019) IF:*2,604

Pal, E*; Hadjadj L*; Fontanyi Z; Monori-Kiss A; Lippai N; Horvath EM; Magyar A; Horvath E; Monos E; Nadasy GL. Benyó Z, Várbíró S. Gender, hyperandrogenism and vitamin D deficiency related functional and morphological alterations of rat cerebral arteries PLOS ONE 14 : 5 Paper: e0216951 , 13 p. (2019) IF: *2,776

Kőrösi B, Vecsey-Nagy M, Kolossváry M, Nemcsik-Bencze Z, Szilveszter B, László A, Batta D, Gonda X, Merkely B, Rihmer Z, Maurovich-Horvat P, Eörsi D, Torzsa P, Nemcsik J. The association between cyclothymic affective temperament and the age of onset of hypertension. Int J Hypertens. 2019 Nov 18;2019: 9248247. impact factor: 1,865

Kőrösi B, Batta D, Gonda X, Rihmer Z, Nemcsik-Bencze Z, László A, Vecsey-Nagy M, Nemcsik J. Association between irritable affective temperament and nighttime peripheral and central systolic blood pressure in hypertension Artery Res 2019;25:41-47, impact factor: 0,969

Batta D, Tabák Á, Kőrösi B, Cseppekál O, Egresits J, Tislér A, Nemcsik J. Integrated central blood pressure-aortic stiffness risk categories and cardiovascular mortality in end-stage renal disease. Artery Res 2019;25:49-55, *impact factor*: 0,969

Pánczél Z, Kukor Z, Supák D, Kovács B, Kecskeméti A, Czizel R, Djurecz M, Alasztics B, Csomó KB, Hrabák A, Valent S. Pravastatin induces NO synthesis by enhancing microsomal arginine uptake in healthy and preeclamptic placentas. BMC Pregnancy Childbirth. 2019 Nov 20;19(1):426. *impact factor*: 2,239

2020:

Pánczél Z, Supák D, Kovács B, Kukor Z, Valent S. Effect of pravastatin on tetrahydrobiopterin-sensitive and -resistant NO synthase activity of preeclamptic placentas. Orv Hetil. 2020 Mar;161(10):389-395. *impact factor*: 0,497

Pató, A, Németh, Z, Járai Z, Koller Á. Nem minden fiatal, sportoló egyetemista él optimális vérnyomással. A 2019. évi Májusi Mérés Hónap (MMM-19) eredményei. Hypertonia és Nephrologia 2020;24:3 pp.121-125.

Lelbach Á, Dörnyei G, Ihász F, Koller Á. Post-sport career healthy ageing: the Janus-faced high performance sport. Developments in Health Sciences 2020: In press:7 p.

Lelbach Á, Kántor M, Koller Á: Kardiometabolikus változások és a hypertonia kialakulása versenysportolóknál pályafutásuk befejezését követően Hypertonia és Nephrologia, 2020; 24(4):173-179.

Batta D, Kőrösi B, Nemcsik J. Supine hypertension and extreme reverse dipping phenomenon decades after kidney transplantation: a case report. Artery Res 2020;26:183-186 *impact factor*: 0,519

Jósvai A, Török M, Mátrai M, Hetthéssy J, Monori-Kiss A, Makk J, Székács B, Nádasy GL, Várbiro S. Effects of Testosterone Deficiency and Angiotensin II-Induced Hypertension on the Biomechanics of Intramural Coronary Arteries. *J Sex Med.* 2020 Dec;17(12):2322-2330. *impact factor: 3,293*

Sziva RE, Fontányi Z, Pál É, Hadjadj L, Monori-Kiss A, Horváth EM, Benkő R, Magyar A, Heinzlmann A, Benyó Z, Nádasy GL, Várbiro S. Vitamin D Deficiency Induces Elevated Oxidative and Biomechanical Damage in Coronary Arterioles in Male Rats. *Antioxidants (Basel).* 2020 Oct 15;9(10):997. *impact factor: 5,014*

Török M, Horváth EM, Monori-Kiss A, Pál É, Gerszi D, Merkely P, Sayour AA, Mátyás C, Oláh A, Radovits T, Merkely B, Ács N, Nádasy GL, Várbiro S. Chronic swimming training resulted in more relaxed coronary arterioles in male and enhanced vasoconstrictor ability in female rats. *J Sports Med Phys Fitness.* 2020 Jul 30. *impact factor: 1,432*

Pál É, Hricisák L, Lékai Á, Nagy D, Fülöp Á, Erben RG, Várbiro S, Sándor P, Benyó Z. Ablation of Vitamin D Signaling Compromises Cerebrovascular Adaptation to Carotid Artery Occlusion in Mice. *Cells.* 2020 Jun 12;9(6):1457. *impact factor: 4,366*

Monori-Kiss A, Antal P, Szekeres M, Varbiro S, Fees A, Szekacs B, Nadasy GL. Morphological remodeling of the intramural coronary resistance artery network geometry in chronically Angiotensin II infused hypertensive female rats. *Heliyon.* 2020 Apr 23;6(4):e03807. *impact factor: 1,65*

Török M, Monori-Kiss A, Pál É, Horváth E, Jósvai A, Merkely P, Barta BA, Mátyás C, Oláh A, Radovits T, Merkely B, Ács N, Nádasy GL, Várbiro S. Long-term exercise results in morphological and biomechanical changes in coronary resistance arterioles in male and female rats. *Biol Sex Differ.* 2020 Feb 12;11(1):7. *impact factor: 3,267*

2021:

Kőrösi B, Gyöngyösi H, Batta D, László A, Kovács I, Tislér A, Cseprekál O, Nemcsik-Bencze Zs, Gonda X, Rihmer Z, Nemcsik J. Evaluation of affective temperaments and arterial stiffness in different hypertension phenotypes. *Hypertens Res* 2021;44:47-54 *impact factor: 3,872*

Batta D, Kőrösi BZ, Nemcsik J. Évtizedekkel a vesetranszplantáció után kialakult fekvő helyzetű hypertonia és extrém mértékű reverz dipper jelenség. *Hypertonia és Nephrologia* 2021;25:101-104.

Gyöngyösi H, Kőrösi B, Batta D, Nemcsik-Bencze Z, László A, Tislér A, Cseprekál O, Torzsa P, Eörsi D, Nemcsik J. Comparison of different cardiovascular risk score and pulse wave velocity-based methods for vascular age calculation. *Heart, Lung and Circulation,* 2021 Nov;30(11):1744-1751., *impact factor: 2,975*

Batta D, Kőrösi B, Gyöngyösi H, Nemcsik-Bencze Z, László A, Tislér A, Cseprekál O, Nemcsik J. Cross-sectional comparison of office and ambulatory pulse wave velocity by two methods, and their changes after lifestyle or medical interventions in hypertension. *J Hypertens, e-pub:* 2021. Nov. 26, *impact factor: 4,844*

Weber T, Protogerou AD, Agharazii M, Argyris A, Aoun Bahous S, Banegas JR, Binder RK, Blacher J, Araujo Brandao A, Cruz JJ, Danninger K, Giannatasio C, Graciani A, Hametner B, Jankowski P, Li Y, Maloberti A, Mayer CC, McDonnell BJ, McEniery CM, Antonio Mota Gomes M, Machado Gomes A, Lorenza Muesan M, Nemcsik J, Paini A, Rodilla E, Schutte AE, Sfrikakis PP, Terentes-Printzios D, Vallée A, Vlachopoulos C, Ware L, Wilkinson I, Zweiker R, Sharman JE, Wassertheurer S; International Academic 24-Hour Ambulatory Aortic Blood Pressure Consortium (i24abc.org). Twenty-Four-Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. *Hypertension, e-pub:*2021. Nov 15., *impact factor: 10,19*

Kökény G, Calvier L, Hansmann G. PPAR γ and TGF β — Major Regulators of Metabolism, Inflammation, and Fibrosis in the Lungs and Kidneys. *Int. J. Mol. Sci.* 2021, 22(19), 10431; <https://doi.org/10.3390/ijms221910431> *impact factor: 5.924 (2020)

Pavlik G, Kováts T, Kneffel ZS, Komka Zs, Radák Zs, Tóth M, Nemcsik J: Characteristics of the athlete's heart in aged hypertensive and normotensive subjects. *J Sports Med Phys Fitness* 2021; Sept 21. IF: 1,637

Tarszabó R, Bányai B, Ruisanchez É, Péterffy B, Korsós-Novák Á, Lajtai K, Sziva RE, Gerszi D, Hosszú Á, Benkő R, Benyó Z, Horváth EM, Masszi G, Várbíró S. Influence of Vitamin D on the Vasoactive Effect of Estradiol in a Rat Model of Polycystic Ovary Syndrome. *Int J Mol Sci.* 2021 Aug 30;22(17):9404. impact factor: 5,923

Sipos M, Gerszi D, Dalloul H, Bányai B, Sziva RE, Kollarics R, Magyar P, Török M, Ács N, Szekeres M, Nádasz GL, Hadjadj L, Horváth EM, Várbíró S. Vitamin D Deficiency and Gender Alter Vasoconstrictor and Vasodilator Reactivity in Rat Carotid Artery. *Int J Mol Sci.* 2021 Jul 27;22(15):8029. impact factor: 5,923

Merkely P, Bakos M, Bányai B, Monori-Kiss A, Horváth EM, Bognár J, Benkő R, Oláh A, Radovits T, Merkely B, Ács N, Nádasz GL, Török M, Várbíró S. Sex Differences in Exercise-Training-Related Functional and Morphological Adaptation of Rat Gracilis Muscle Arterioles. *Front Physiol.* 2021 Jul 12;12:685664. impact factor: 4,134

Török M, Merkely P, Monori-Kiss A, Horváth EM, Sziva RE, Péterffy B, Jósvai A, Sayour AA, Oláh A, Radovits T, Merkely B, Ács N, Nádasz GL, Várbíró S. Network analysis of the left anterior descending coronary arteries in swim-trained rats by an in situ video microscopic technique. *Biol Sex Differ.* 2021 May 26;12(1):37. impact factor: 3,627

Fontányi Z, Sziva RE, Pál É, Hadjadj L, Monori-Kiss A, Horváth EM, Benkő R, Magyar A, Heinzlmann A, Benyó Z, Nádasz GL, Masszi G, Várbíró S. Vitamin D Deficiency Reduces Vascular Reactivity of Coronary Arterioles in Male Rats. *Curr Issues Mol Biol.* 2021 May 7;43(1):79-92. impact factor: 2,695

Székács B, Várbíró S, Debreczeni L. High-dose ACEi might be harmful in COVID-19 patients with serious respiratory distress syndrome by leading to excessive bradykinin receptor activation. *Physiol Int.* 2021 Mar 20. impact factor: 2,09

Lajtai K, Tarszabó R, Bányai B, Péterffy B, Gerszi D, Ruisanchez É, Sziva RE, Korsós-Novák Á, Benkő R, Hadjadj L, Benyó Z, Horváth EM, Masszi G, Várbíró S. Effect of Vitamin D Status on Vascular Function of the Aorta in a Rat Model of PCOS. *Oxid Med Cell Longev.* 2021 Mar 18;2021:8865979. Impact factor: 6,543

Török M, Horváth EM, Monori-Kiss A, Pál É, Gerszi D, Merkely P, Sayour AA, Mátyás C, Oláh A, Radovits T, Merkely B, Ács N, Nádasz GL, Várbíró S. Chronic swimming training resulted in more relaxed coronary arterioles in male and enhanced vasoconstrictor ability in female rats. *J Sports Med Phys Fitness.* 2021 Mar;61(3):489-496 impact factor: 1,49

Sipos M, Péterffy B, Sziva RE, Magyar P, Hadjadj L, Bányai B, Süli A, Soltész-Katona E, Gerszi D, Kiss J, Szekeres M, Nádasz GL, Horváth EM, Várbíró S. Vitamin D Deficiency Cause Gender Specific Alterations of Renal Arterial Function in a Rodent Model. *Nutrients.* 2021 Feb 22;13(2):704. impact factor: 5,717

Gerszi D, Penyige Á, Mezei Z, Sárai-Szabó B, Benkő R, Bányai B, Demendi C, Ujvári E, Várbíró S, Horváth EM. Evaluation of oxidative/nitrative stress and uterine artery pulsatility index in early pregnancy. *Physiol Int.* 2021 Jan 6;107(4):479-490. impact factor: 2,09

2022

Vezer M, Demeter Á, Szekeres M, Jósvai A, Bányai B, Oláh A, Balogh F, Horváth EM, Radovits T, Merkely B, Ács N, Nádasy GL, Török M, Várbiro S. Sex differences in rat renal arterial responses following exercise training. *Am J Physiol Heart Circ Physiol*. 2022 Jan 7. impact factor: 4,733

Kökény G, Németh Á, Kopp JB, Chen W, Oler AJ, Manzéger A, Rosivall L, Mózes MM. Susceptibility to kidney fibrosis in mice is associated with early growth response-2 protein and tissue inhibitor of metalloproteinase-1 expression. *Kidney Int*. 2022 May 2; S0085-2538(22)00348-9. Impact factor: 10,612

Nemcsik-Bencze Zs, Kőrösi B, Gyöngyösi H, Batta D, László A, Torzsa P, Kovács I, Rihmer Z, Gonda X, Nemcsik J. Depression and anxiety in different hypertension phenotypes: a cross-sectional study. *Ann Gen Psych*, 2022;21:23, *impact factor*: 3,301

Gyöngyösi H, Kőrösi B, Batta D, László A, Kovács I, Tislér A, Cseppekál O, Nemcsik-Bencze Zs, Gonda X, Rihmer Z, Nemcsik J. Az affektív temperamentumok vizsgálata egészségesekben és különböző fenotípusú hypertóniás kórállapotokban. *Hypertonia és Nephrologia* 2022;26:118-126.

Gyöngyösi H, Vecsey-Nagy M, Nemcsik J. Különböző cardiovascularis rizikóbecslő pontrendszereken, a pulzushullám-terjedési sebességen és a coronaria-kalcium pontszámán alapuló artériás életkor számítási módszereinek összehasonlítása. *Hypertonia és Nephrologia* 2022;26:273-281.

Kökény G, Németh Á, Kopp JB, Chen W, Oler AJ, Manzéger A, Rosivall L, Mózes MM. Susceptibility to kidney fibrosis in mice is associated with early growth response-2 protein and tissue inhibitor of metalloproteinase-1 expression. *Kidney Int*. 2022 Aug;102(2):337-354. *impact factor*: 18.998

2023

Sági B, Vas T, Jakabfi-Csepregi R, Horváth-Szalai Z, Kőszegi T, Csiky B, Nagy J, Kovács TJ. The role of two heart biomarkers in IgA nephropathy. *Int J Mol Sci*. 2023;24(12):10336. doi: 10.3390/ijms241210336. *Impact factor*: 6.208.

Erdélyi A, Pálfi E, Túű L, Nas K, Szűcs Z, Török M, Jakab A, Várbiro S. The Importance of Nutrition in Menopause and Perimenopause-A Review. *Nutrients*, 2023; 16: 27. impact factor: 5,9

Süli, A.; Magyar, P.; Vezér, M.; Bányai, B.; Szekeres, M.; Sipos, M.; Mátrai, M.; Hetthéssy, J.R.; Dörnyei, G.; Ács, N.; et al. Effects of Gender and Vitamin D on Vascular Reactivity of the Carotid Artery on a Testosterone-Induced PCOS Model. *Int J Mol Sci* **2023**, *24*: 16577. impact factor: 5,6

Gerszi, D.; Orosz, G.; Török, M.; Szalay, B.; Karvaly, G.; Orosz, L.; Hetthéssy, J.; Vásárhelyi, B.; Török, O.; Horváth, E.M.; et al. Risk Estimation of Gestational Diabetes Mellitus in the First Trimester. *J Clin Endocrinol Metab* **2023**, *108*, e1214-e1223. impact factor: 5,8

Vezér, M.; Jósvai, A.; Bányai, B.; Ács, N.; Keszthelyi, M.; Soltész-Katona, E.; Szekeres, M.; Oláh, A.; Radovits, T.; Merkely, B.; et al. Impact of Sex and Exercise on Femoral Artery Function: More Favorable Adaptation in Male Rats. *Life (Basel)* **2023**, *13*: 778. impact factor: 3,2

György L Nádasy, András Balla, Mária Szekeres. From Living in Saltwater to a Scarcity of Salt and Water, and Then an Overabundance of Salt—The Biological Roller Coaster to Which the Renin–Angiotensin System Has Had to Adapt: An Editorial. *Biomedicines* 2023, 11(11),3004; <https://doi.org/10.3390/biomedicines11113004>. Impact factor: 4.757

Manzéger A, Gantsetseg G, Mózes M, Hansmann G, Kökény G. Pioglitazone Protects Tubular Epithelial Cells during Kidney Fibrosis by Attenuating miRNA Dysregulation and Autophagy Dysfunction Induced by TGF- β . *Int. J. Mol. Sci.* 2023, 24(21), 15520. impact factor: 5.6

2024

Stepanova G, Manzéger A, Mózes MM, Kökény G. Renal Epithelial Complement C3 Expression Affects Kidney Fibrosis Progression. *Int J Mol Sci.* 2024 Nov 22;25(23):12551. doi: 10.3390/ijms252312551. (IF: 4.9)

Tóth R, Tóth Z, Lőczy L, Török M, Ács N, Várbíró S, Keszthelyi M, Lintner B. Management of Malignant Bowel Obstruction in Patients with Gynaecological Cancer: A Systematic Review. *J Clin Med.* 2024 Jul 19;13(14):4213. IF (2023): 3.

Tóth R, Lőczy L, Török M, Keszthelyi A, Leipold G, Ács N, Várbíró S, Keszthelyi M, Lintner B. Sociodemographic and Medical Characteristics of Women Applied for Emergency Contraception-A Retrospective Observational Study. *J Clin Med.* 2024 Mar 14;13(6):1673. IF (2023): 3.

Tűű L, Nas K, Török M, Várbíró S. SHBG Levels Do Not Correlate with Insulin Levels in PCOS with Appropriate Fasting Insulin Sensitivity. *J Clin Med.* 2024 Feb 1;13(3):838. IF (2023): 3.

Elekes T, Csermely G, Kádár K, Molnár L, Keszthelyi G, Hozsdora A, Vizer M, Török M, Merkely P, Várbíró S. Learning Curve of First-Trimester Detailed Cardiovascular Ultrasound Screening by Moderately Experienced Obstetricians in 3509 Consecutive Unselected Pregnancies with Fetal Follow-Up. *Life (Basel).* 2024 Dec 9;14(12):1632. IF (2023): 3,2

Sági B, Vas T, Gál C, Horváth-Szalai Z, Kőszegi T, Nagy J, Csiky B, Kovács TJ. The relationship between vascular biomarkers (serum endocan and endothelin-1), NT-proBNP, and renal function in chronic kidney disease, IgA nephropathy: a cross-sectional study. *Int J Mol Sci.* 2024 Sep 30;25(19):10552. doi: 10.3390/ijms251910552. Impakt faktor: 4,9.

Gyöngyösi H, Batta D, László A, Torzsa P, Kőrösi B, Nemcsik-Bencze Z, Cseprekál O, Tislér, A, Nemcsik J. Evaluation of Office and Ambulatory Central Blood Pressure and Augmentation Index by Two Methods and Their Changes After Lifestyle or Medical Interventions in Hypertension. *Artery Res*, 2024;30:2. *impact factor: 0,9*

Vass, Z. ; Shenker-Horváth, K. ; Bányai, B. ; Vető, K.N. ; Török, V. ; Gém, J.B. ; Nádasy, G.L. ; Kovács, K.B. ; Horváth, E.M. ; Jakus, Z. et al. Investigating the Role of Cannabinoid Type 1 Receptors in Vascular Function and Remodeling in a Hypercholesterolemic Mouse Model with Low-Density Lipoprotein–Cannabinoid Type 1 Receptor Double Knockout Animals *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 25 : 17 Paper: 9537 , 20 p. (2024) Impakt faktor: 4,9

2025

Szupera Z, Czifra G, Fülöp B, Hermann Z, Jassoy B, Koszta A, Kovács-Kusza K, Pordány-Bagoly E, Singoszki S, Szegleti G, Varga V, Kiss Z. Association between angiotensin receptor blocker therapy and acute seizures in patients with stroke. *Ideggyógyászati Szemle* 2025;78(1-2): 47-55. Impact factor: 0,9

Nádasy, György L. ; Balla, András ; Dörnyei, Gabriella ; Hunyady, László ; Szekeres, Mária. Direct Vascular Effects of Angiotensin II (A Systematic Short Review). *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 26 : 1 Paper: 113 , 23 p. (2025) Impakt faktor: 4,9