

LISTA DE LUCRARI – CONF. DR. ADRIAN STURZA

1. TEZA DE DOCTORAT (2013) – *"Rolul monoaminoxidazei in patogeneza disfuncției endoteliale indusă experimental"*, sub îndrumarea Prof. Danina M. Muntean, Catedra de Fiziopatologie, Facultatea de Medicină din cadrul Universității de Medicină și Farmacie "Victor Babeș" din Timișoara, România, în cotutelă cu Prof. Ralf Brandes, Director al Institutului de Fiziologie Cardiovasculară, Universitatea Goethe, Frankfurt, Germania

2. Carti de specialitate

1.	Muntean D, Borza C, Noveanu L, Aburel O, Sturza A , Danila M Fiziopatologie 1 – Note de curs pentru studentii la medicina Editura „Victor Babeș”, Timisoara, 2022, 198 ISBN general: 978-606-786-297-3 ISBN Vol. I: 978-606-786-298-0
2.	Borza C, Muntean D, Noveanu L, Aburel O, Sturza A , Danila M Fiziopatologie 2 – Note de curs pentru studentii la medicina Editura „Victor Babeș”, Timisoara, 2022, 186 ISBN general: 978-606-786-297-3 ISBN Vol. II: 978-606-786-299-7
3.	Aburel O, Borza C, Muntean D, Sturza A , Danila M, Lelcu-Stanciu T, Bina A, Ionica M Pathophysiology 1 – Lab notes for medical students Editura „Victor Babeș”, Timisoara, 2022, 156 ISBN general: 978-606-786-294-2 ISBN Vol. I: 978-606-786-295-9
4.	Danila M, Borza C, Muntean D, Aburel O, Sturza A , Lelcu-Stanciu T, Bina A, Hancu I Pathophysiology 2 – Lab notes for medical students Editura „Victor Babeș”, Timisoara, 2022, 130 ISBN general: 978-606-786-294-2 ISBN Vol. II: 978-606-786-296-6
5.	CAPITOL IN TRATAT: Iulian Velea, Adrian Sturza , Mirela Mogoi – Cetoacidoza diabetica (pag 171-215); in Tratat Boli Metabolice la Copil sub redactia Iulian Velea, editura Mirton 2018, ISBN 978-973-52-1800-3
6.	CAPITOL CARTE IN EDITURA INTERNATIONALA Sturza A. , Muntean D.M., Crețu O.M. (2021) Monoamine Oxidase, Obesity and Related Comorbidities: Discovering Bonds. In: Tappia P.S., Ramjiawan B., Dhalla N.S. (eds) Cellular and Biochemical Mechanisms of Obesity. Advances in Biochemistry in Health and Disease, vol 23. Springer, Cham. https://doi.org/10.1007/978-3-030-84763-0_10
7.	Noveanu, L., Muntean, D., Duicu, O.M., Sturza, A. Fiziopatologie aplicata. Indreptar de lucrări practice: Balneo-fiziokinetoterapie si recuperare (ed a II-a) Ed. „Victor Babes” Timisoara, 2017, 166 ISBN 978-606-786-032-0

8.	Muntean, D., Noveanu, L., Duicu, O., Sturza, A. Fiziopatologia sistemelor respirator și cardiovascular – Curs pentru studenții Facultății de Medicină (ed a II-a) Ed. „Victor Babes” Timisoara, 2016, 183 ISBN 978-606-786-025-2
9.	Muntean D., Noveanu L., Duicu O., Sturza A. , Dănilă M. Îndreptar practic de fiziopatologie clinică Ed. „Victor Babes” Timisoara, 2016, 280 ISBN 978-606-786-019-1
10.	Muntean, D., Noveanu, L., Duicu, O., Sturza, A. Fiziopatologia sistemelor respirator și cardiovascular – Curs pentru studenții Facultății de Medicină Ed. „Victor Babes”, Timisoara, 2015, 195 ISBN 978-606-8456-48-5
11.	Muntean, D., Borza, C., Duicu, O., Sturza, A. Pathophysiology of respiratory and cardiovascular systems. <i>A manual for medical students</i> Ed. "Victor Babes" Timisoara, 2015, 205 ISBN 978-606-8456-53-9
12.	Muntean, D., Duicu, O., Sturza, A. , Danila M., Applied Pathophysiology for Dental Students Ed. „Victor Babes”, Timisoara, 2015, 189 ISBN 978-606-8456-51-5
13.	Borza, C., Muntean, D., Noveanu, L., Duicu, O., Sturza, A. Fiziopatologie - Manual de curs pentru asistentele medicale Ed. „Victor Babes” Timisoara, 2015, 260 978-606-8456-53-9
14.	Sturza, A. , Borza, C., Muntean, D., Duicu, O., Noveanu, L. Fiziopatologie aplicată pentru asistentele medicale Ed. „Victor Babes” Timisoara, 2015, 183 ISBN 978-606-8456-52-2
15.	Jost, N., Muntean, D., Acsai, K., Baczko, I., Duicu, O., Noveanu, L., Sturza, A. , Toth, A. Principles and Experiments Guide in Electrophysiology and Molecular Biology Ed. „Victor Babes”, Timisoara, 2014, 184 ISBN 978-606-8456-33-1 (RO) ISBN 978-963-306-302-6 (HU)
16.	Noveanu, L., Muntean, D., Duicu, O.M., Sturza, A. Fiziopatologie aplicata. Indreptar de lucrări practice: Balneo-fiziokinetoterapie si recuperare Ed. „Victor Babes” Timisoara, 2013, 176 ISBN 978-606-8456-18-8

3. Articole în calitate de autor principal, în reviste cotate ISI, articole în reviste cu factor de impact

1.	Merce AP, Ionică LN, Bîcă AM, Popescu S, Lighezan R, Petrescu L, Borza C, Sturza A (coresp.) , Muntean DM, Crețu OM, Monoamine oxidase is a source of cardiac oxidative stress in obese rats: the beneficial role of metformin, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2023 Jan;478(1):59-67, doi: 10.1007/s11010-022-04490-5, ISSN: 0300-8177, IF:4.3
2.	Lascu A, Ionică LN, Buriman DG, Merce AP, Deaconu L, Borza C, Crețu OM, Sturza A (coresp.) , Muntean DM, Feier HB, Metformin and empagliflozin modulate monoamine oxidase-related oxidative stress and improve vascular function in human mammary arteries, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2023 Sep;478(9):1939-1947, doi: 10.1007/s11010-022-04633-8, ISSN:0300-8177, IF:4.3
3.	Savencu CE, Lința A, Farcaș G, Bîcă AM, Crețu OM, Malița DC, Muntean DM, Sturza A , Impact of Dietary Restriction Regimens on Mitochondria, Heart, and Endothelial Function: A Brief Overview, FRONTIERS IN PHYSIOLOGY, 2021 DEC 16;12:768383, doi: 10.3389/fphys.2021.768383, ISSN:1664-042X, IF:4
4.	Ionică LN, Gaiță L, Bîcă AM, Soșdean R, Lighezan R, Sima A, Malița D, Crețu OM, Burlacu O, Muntean DM, Sturza A , Metformin alleviates monoamine oxidase-related vascular oxidative stress and endothelial dysfunction in rats with diet-induced obesity, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2021 NOV;476(11):4019-4029, doi: 10.1007/s11010-021-04194-2, ISSN:0300-8177, IF:3.842
5.	Ionica M, Aburel OM, Vaduva A, Petrus A, Rațiu S, Olariu S, Sturza A (coresp.) , Muntean DM, Vitamin D alleviates oxidative stress in adipose tissue and mesenteric vessels from obese patients with subclinical inflammation, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2020 Feb;98(2):85-92, DOI: 10.1139/cjpp-2019-0340, WOS: 000514076700006, ISSN:0008-4212, IF:1.946
6.	Sturza A , Popoiu CM, Ionică M, Duicu OM, Olariu S, Muntean DM, Boia ES, Monoamine Oxidase-Related Vascular Oxidative Stress in Diseases Associated with Inflammatory Burden, OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, 2019 Apr 15;2019:8954201, doi: 10.1155/2019/8954201, WOS:000466498500001, ISSN:1942-0900, IF:5.076
7.	Sturza A , Olariu S, Ionică M, Duicu OM, Văduva AO, Boia E, Muntean DM, Popoiu CM, Monoamine oxidase is a source of oxidative stress in obese patients with chronic inflammation, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2019 Sep;97(9):844-849, doi: 10.1139/cjpp-2019-0028, WOS: 000483022200008, ISSN:0008-4212, IF:1.946
8.	Sturza A , Văduva A, Uțu D, Rațiu C, Pop N, Duicu O, Popoiu C, Boia E, Matusz P, Muntean DM, Olariu S, Vitamin D improves vascular function and decreases monoamine oxidase A expression in experimental diabetes, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2019 Mar;453(1-2):33-40, doi: 10.1007/s11010-018-3429-2, WOS:000459217500003, ISSN:0300-8177, IF:2.795
9.	Rațiu C, Uțu D, Petruș A, Norbert P, Olariu S, Duicu O, Sturza A (coresp.) , Muntean DM, Monoamine oxidase inhibition improves vascular function and reduces oxidative stress in rats with lipopolysaccharide-induced inflammation, GENERAL PHYSIOLOGY AND BIOPHYSICS, 2018 Volume: 37 Issue: 6 Pages: 687-694, DOI: 10.4149/gpb_2018014, WOS:000453646800008, ISSN:0231-5882, IF:1.309

10.	Privistirescu AI, Sima A, Duicu OM, Timar R, Roşca MG, Sturza A (coresp.) , Muntean DM, Methylene blue alleviates endothelial dysfunction and reduces oxidative stress in aortas from diabetic rats, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2018 Volume: 96 Issue: 10 Pages: 1012-1016, DOI: 10.1139/cjpp-2018-0119, WOS: 000446329700007, ISSN:0008-4212, IF:2.041
11.	Sturza A , Pavel I, Ancuşa S, Danciu C, Dehelean C, Duicu O, Muntean D, Quercetin exerts an inhibitory effect on cellular bioenergetics of the B16A5 murine melanoma cell line, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2018 Volume: 447 Issue: 1-2 Pages: 103-109, DOI: 10.1007/s11010-018-3296-x, WOS: 000444299800009, ISSN:0300-8177, IF:2.884
12.	Muntean DM, Sturza A (coresp.) , Pavel IZ, Duicu OM, Modulation of Cancer Metabolism by Phytochemicals - A Brief Overview, ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, 2018, Volume: 18 Issue: 5 Pages: 684-692, doi:10.2174/187152061766617114102218, WOS:000442276900007, ISSN:1871-5206, IF:2.180
13.	Duicu OM, Privistirescu A, Wolf A, Petruş A, Dănilă MD, Raţiu CD, Muntean DM, Sturza A , Methylene blue improves mitochondrial respiration and decreases oxidative stress in a substrate-dependent manner in diabetic rat hearts, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2017 Volume: 95 Issue: 11 Pages: 1376-1382, DOI: 10.1139/cjpp-2017-0074, WOS: 000413729400009, ISSN:0008-4212, IF:2.21
14.	Uţu D, Pantea S, Duicu OM, Muntean DM, Sturza A , Contribution of monoamine oxidases to vascular oxidative stress in patients with end-stage renal disease requiring hemodialysis, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2017 Volume: 95 Issue: 11 Pages: 1383-1388, DOI: 10.1139/cjpp-2017-0067, WOS: 000413729400010, ISSN:0008-4212, IF:2.21
15.	Dănilă MD, Privistirescu A, Duicu OM, Raţiu CD, Angoulvant D, Muntean DM, Sturza A , The effect of purinergic signaling via the P2Y11 receptor on vascular function in a rat model of acute inflammation, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2017, Volume: 431 Issue: 1-2 Pages: 37-44, DOI: 10.1007/s11010-017-2973-5, WOS: 000403416000005, ISSN:0300-8177, IF:2.561
16.	Sturza A , Duicu OM, Vaduva A, Dănilă MD, Noveanu L, Varró A, Muntean DM, Monoamine oxidases are novel sources of cardiovascular oxidative stress in experimental diabetes, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2015 Volume: 93 Issue: 7 Pages: 555-561, DOI: 10.1139/cjpp-2014-0544, WOS: 000357272900008, ISSN:0008-4212, IF:2.21
17.	Sturza A , Leisegang MS, Babelova A, Schröder K, Benkhoff S, Loot AE, Fleming I, Schulz R, Muntean DM, Brandes RP, Monoamine oxidases are mediators of endothelial dysfunction in the mouse aorta, HYPERTENSION, 2013 Volume: 62 Issue: 1 Pages: 140-146, DOI: 10.1161/HYPERTENSIONAHA.113.01314, WOS:000320302600026, ISSN:0194-911X, IF:6.823

4. Articole în calitate de coautor, în reviste cotate ISI, articole în reviste cu factor de impact

1.	Lascu A, Șoșdean R, Ionică LN, Pescariu AS, Petrescu L, Ionac A, Luca CT, Sturza A , Feier HB, Monoamine Oxidase (MAO) Is Expressed at the Level of Mitral Valve with Severe Regurgitation in Hypertrophic Obstructive Cardiomyopathy: A Case Report, MEDICINA (KAUNAS), 2022 DEC 15;58(12):1844, doi: 10.3390/medicina58121844, ISSN:1010-660X, IF:2.43
2.	Lascu A, Ionică LN, Merce AP, Dănilă MD, Petrescu L, Sturza A , Muntean DM, Streian CG, Metformin Acutely Mitigates Oxidative Stress in Human Atrial Tissue: A Pilot Study in Overweight Non-Diabetic Cardiac Patients, LIFE (BASEL), 2022 Dec 8;12(12):2058, doi: 10.3390/life12122058, ISSN:2075-1729 (Electronic), IF:3.253
3.	Bîcă AM, Sturza A , Iancu I, Mocanu AG, Bernad E, Chiriac DV, Borza C, Craina ML, Popa ZL, Muntean DM, Crețu OM, Placental oxidative stress and monoamine oxidase expression are increased in severe preeclampsia: a pilot study, MOLECULAR AND CELLULAR BIOCHEMISTRY, 2022 DEC;477(12):2851-2861, doi: 10.1007/s11010-022-04499-w, ISSN:0300-8177, IF:3.842
4.	Avram VF, Bîcă AM, Sima A, Aburel OM, Sturza A , Burlacu O, Timar RZ, Muntean DM, Elmér E, Crețu OM, Improvement of Platelet Respiration by Cell-Permeable Succinate in Diabetic Patients Treated with Statins, LIFE (BASEL), 2021 MAR 28;11(4):288, doi: 10.3390/life11040288, ISSN:2075-1729 (Electronic), IF:3.253
5.	Piollet M*, Sturza A* (<i>*contributii egale</i>), Chadet S, Gabillard-Lefort C, Benoist L, Muntean DM, Aburel OM, Angoulvant D, Ivanov F, P2Y11 Agonism Prevents Hypoxia/Reoxygenation- and Angiotensin II-Induced Vascular Dysfunction and Intimal Hyperplasia Development, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 2021 JAN 16;22(2):855, doi: 10.3390/ijms22020855, ISSN:1422-0067 (Electronic), IF:6.208
6.	Duca A, Sturza A , Moacă EA, Negrea M, Lalescu VD, Lungeanu D, Dehelean CA, Muntean DM, Alexa E, Identification of Resveratrol as Bioactive Compound of Propolis from Western Romania and Characterization of Phenolic Profile and Antioxidant Activity of Ethanolic Extracts, MOLECULES, 2019 Sep 16;24(18):3368, doi: 10.3390/molecules24183368, WOS:000488830500160, ISSN:1420-3049, IF:3.267
7.	Petrus AT, Lighezan DL, Danila MD, Duicu OM, Sturza A , Muntean DM, Ionita I, Assessment of platelet respiration as emerging biomarker of disease, PHYSIOLOGICAL RESEARCH, 2019 Jun 30;68(3):347-363, doi: 10.33549/physiolres.934032, WOS:000476830200002, ISSN:0862-8408, IF:1.655
8.	Duicu OM, Lighezan R, Sturza A , Balica R, Vaduva A, Feier H, Gaspar M, Ionac A, Noveanu L, Borza C, Muntean DM, Mornos C, Assessment of Mitochondrial Dysfunction and Monoamine Oxidase Contribution to Oxidative Stress in Human Diabetic Hearts, OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, 2016, Article Number: 8470394, DOI: 10.1155/2016/8470394, WOS: 000377049300001, ISSN:1942-0900, IF:4.936
9.	Muntean DM, Sturza A , Dănilă MD, Borza C, Duicu OM, Mornos C, The Role of Mitochondrial Reactive Oxygen Species in Cardiovascular Injury and Protective Strategies, OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, 2016, Article Number: 8254942, DOI: 10.1155/2016/8254942, WOS: 000377408500001, ISSN:1942-0900, IF:4.936

10.	Lighezan R*, Sturza A* (<i>*contributii egale</i>), Duicu OM, Ceausu RA, Vaduva A, Gaspar M, Feier H, Vaida M, Ivan V, Lighezan D, Muntean DM, Mornos C, Monoamine oxidase inhibition improves vascular function in mammary arteries from nondiabetic and diabetic patients with coronary heart disease, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2017, Volume: 94 Issue: 10 Pages: 1040-1047, DOI: 10.1139/cjpp-2015-0580, WOS: 000385444900003, ISSN:0008-4212, IF:2.21
11.	Petruș A, Duicu OM, Sturza A , Noveanu L, Kiss L, Dănilă M, Baczkó I, Muntean DM, Jost N, Modulation of mitochondrial respiratory function and ROS production by novel benzopyran analogues, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2015, Volume: 93 Issue: 9 Pages: 811-818, DOI: 10.1139/cjpp-2015-0041, WOS: 000360947100010, ISSN:0008-4212, IF:2.21
12.	Dănilă MD, Privistirescu AI, Mirica SN, Sturza A , Ordodi V, Noveanu L, Duicu OM, Muntean DM, Acute inhibition of monoamine oxidase and ischemic preconditioning in isolated rat hearts: interference with postischemic functional recovery but no effect on infarct size reduction, CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, 2015, Volume: 93 Issue: 9 Pages: 819-825, DOI: 10.1139/cjpp-2015-0103, WOS: 000360947100011, ISSN:0008-4212, IF:2.21
13.	Duicu OM, Lighezan R, Sturza A , Ceausu RA, Borza C, Vaduva A, Noveanu L, Gaspar M, Ionac A, Feier H, Muntean DM, Mornos C, Monoamine Oxidases as Potential Contributors to Oxidative Stress in Diabetes: Time for a Study in Patients Undergoing Heart Surgery, BIOMED RESEARCH INTERNATIONAL, 2015, Article Number: 515437, DOI: 10.1155/2015/515437, WOS: 000355810100001, ISSN: 2314-6133, IF:2.583
14.	Benkhoff S, Loot AE, Pierson I, Sturza A , Kohlstedt K, Fleming I, Shimokawa H, Grisk O, Brandes RP, Schröder K, Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase, ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, 2012, Volume: 32 Issue: 7 Pages: 1605-1612, DOI: 10.1161/ATVBAHA.112.251140, WOS: 000305333100012, ISSN:1079-5642, IF:6.086

5. Articole publicate în extenso în reviste de circulație internațională recunoscute

1.	Adrian Merce, Darius G. Buriman, Ana Lascu, Anca M. Bîănă, Horea B. Feier, Lucian Petrescu, Claudia Borza, Adrian Sturza, Danina M. Muntean, Octavian M. Crețu, Metformin Reverses the Effects of Angiotensin 2 in Human Mammary Arteries by Modulating the Expression of Nitric Oxide Synthases, Ser J Exp Clin Res 2022; 23(3):201-207, DOI 10.2478/sjecr-2022-0070
2.	Raluca Sosdean, Loredana N. Ionica, Adrian P. Merce, Danina M. Muntean, Adrian Sturza , Metabolic Memory in Diabetes – Mechanistic Insights and the Impact of Cardiovascular Medication, Romanian Journal of Cardiology , 2021;31(3):511-516
3.	Sturza, A. ; Marian, C.V.; Muntean, D.M.; Crețu, O.M. Angiotensin-Converting-Enzyme 2 and SARS-CoV2: A Dangerous Liaison. Timisoara_Med 2020, 2020, 8.

4.	Pătruică, M.-R.; Gădălean, F.; Vlad, A.; Sturza, A. ; Jianu, D.C.; Balint, L.; Ienciu, S.; Petrica, L.; Muntean, D.M.; Socaciu, C. Metabolomics in Chronic Kidney Diseases: Here to Stay. Timisoara Med 2021, 2020, 8.
5.	Adrian Sturza , Oana Duicu, Adrian Vaduva, Lavinia Noveanu, Maria Danila, Andreea Privistirescu, Mircea Munteanu, Danina Muntean – Vitamin D Improves Vascular Function in Experimental Diabetes, Fiziologia – Physiology , 2015, vol.25, nr.3(87), pag. 4-9, ISSN 1223-2076, (revistă CNCSIS B+ cod 240, indexată BDI : Index Copernicus, EBSCO Publishing)
6.	Adrian Sturza , Silvia N. Mirică, Oana Duicu, Dorina Gheorgheosu, Lavinia Noveanu, Ovidiu Fira-Mlădinescu, Danina M. Muntean – Monoamine oxidase-A inhibition reverses endothelial dysfunction in hypertensive rat aortic rings, Rev Med Chir Soc Med Nat Iasi 2013;117(1):165-171 (revistă CNCSIS B+ cod 158, indexată BDI : Index Medicus, Medline)
7.	Maria D. Danila, Andreea Privistirescu, Ileana Scurtu, Adrian Sturza , Lavinia Noveanu, Oana M. Duicu, Danina M. Muntean – Characterization of respiratory function of isolated rat cortical renal mitochondria, Rev Rom Med Vet , 2015;25(2):45-50, ISSN 1220-3173, indexata BDI: CABI, http://www.cabi.org/default.aspx?page=1016&site=170&pid=2202&xslttab=2&newtitlesonly=0&letter=R
8.	Ileana Scurtu, A. Sturza , Ioana Zinuca Pavel, Roxana Popescu, Andreea Privistirescu, Oana Maria Duicu, Danina Mirela Muntean – Bioenergetic Characterization Of H9c2 Cells Using The Extracellular Flux Analyzer, Rev. Med. Chir. Soc. Med. Nat. , Iași, 2015;119(20):491-495.
9.	Viorica Kerti, Maria Danila, Dorina Coricovac, Adrian Sturza , Andreea Privistirescu, Lavinia Noveanu, Oana Duicu, Danina Muntean – Characterization of Respiratory Function of Liver Mitochondria Isolated From Elderly Zucker Fatty Rats, Bulletin UASVM, Veterinary Medicine , 2014,71(1):141-146, ISSN 1843-5270, Electronic ISSN 1843-5378 (revista CNCSIS B+ cod 485, indexata BDI: Scopus, ISI Thomson Reuters, Proquest)
10.	Mircea Munteanu, Adrian Sturza , Adalbert Schiller, Romulus Timar – Endothelial dysfunction in diabetes – clasic sources of vascular oxidative stress (NADPH Oxidases, eNOS uncoupling and Xanthine Oxidase), Rom J Diabetes Nutr Metab Dis . 2013; 20(2):149-155, doi: 10.2478/rjdnmd-2013-0019 (autor principal – de corespondenta) (revista CNCSIS B+ cod 322, indexată BDI : Index Copernicus Journals Master List)

6. Rezumate in reviste ISI

1.	Sosdean R, Mircea M, Pascalau L, Pescariu SA, Sturza A , Luca CT, et al. Alcohol septal ablation success in patients with hypertrophic obstructive cardiomyopathy-the hypothesis of merging territories. <i>European journal of heart failure</i> . 2023;25:380-.
2.	Sosdean R, Mircea M, Pascalau L, Pescariu SA, Cristescu R, Sturza A , et al. Interventional septal reduction therapy in patients with hypertrophic obstructive cardiomyopathy- a relief also for the right ventricle? <i>European journal of heart failure</i> . 2023;25:380-.

3.	Sturza A , Bina A, Ionica LN, Hancu I, Borza C, Muntean DM. Monoamine oxidase inhibitors attenuate the vascular hyperglycemic memory in diabetic mice. <i>Journal of molecular and cellular cardiology</i> . 2022;173:S159-S.
4.	Merce A, Ionica LN, Bina A, Sosdean R, Petrescu L, Buriman D, Feier H, Sturza A , Muntean D, Mitigation of monoamine oxidase-related endothelial dysfunction by antidiabetic medication in human mammary arteries. <i>Journal of molecular and cellular cardiology</i> . 2022;173:S159-S60.
5.	Buda VO, Bina A, Minda D, Danciu C, Dehelean CA, Muntean DM, Sturza A , Assessment of dose-dependent vasculoprotective effects of aronia extracts in mice aorta. <i>Journal of molecular and cellular cardiology</i> . 2022;173:S124-S5.
6.	Sosdean R, Ionica LN, Pescariu SA, Mornos C, Muntean DM, Sturza A , et al. Monoamine oxidase contributes to the valvular oxidative stress in patients with mitral valve regurgitation. <i>European heart journal</i> . 2021;42:3337-.
7.	Muntean D, Sturza A , Petrus A, Duicu O, Kiss L, Danila M, et al. Modulation of vascular function and ROS production by novel synthetic benzopyran analogues in diabetes mellitus. <i>Cardiovascular research</i> . 2016;111:S99-S.
8.	Duicu OM, Sturza A , Wolf A, Privistirescu A, Danila M, Muntean D. Methylene blue modulates mitochondrial function and monoamine oxidases-related ROS production in diabetic rat hearts. <i>Cardiovascular research</i> . 2016;111:S110-S1.
9.	Sturza A , Duicu OM, Noveanu L, Danila M, Muntean DM. Vitamin D improves endothelium-dependent relaxation in aortic rings isolated from streptozotocin-induced diabetic rats. <i>European journal of clinical investigation</i> . 2015;45:71-2.
10.	Sturza A , Duicu OM, Lighezan R, Noveanu L, Vaduva A, Feier H, et al. Monoamine oxidase inhibition improves endothelium-dependent relaxation in diseased human mammary arteries. <i>European journal of clinical investigation</i> . 2015;45:25-.
11.	Sturza A , Duicu O, Lighezan R, Balica R, Vaduva A, Feier H, et al. Monoamine oxidase inhibition improves vascular function in diseased human mammary arteries. <i>European journal of heart failure</i> . 2015;17:243-.
12.	Petrus A, Duicu OM, Sturza A , Noveanu L, Kiss L, Danila M, et al. Novel mitochondrial potassium channel openers modulate mitochondrial respiration and ROS production in isolated rat heart mitochondria. <i>European journal of clinical investigation</i> . 2015;45:28-.
13.	Mytiko IS, Duicu OM, Sturza A , Pavel IZ, Petrus A, Privistirescu A, et al. Characterization of the effects of two cholesterol-lowering drugs on mitochondrial function in H9C2 myoblasts. <i>European journal of clinical investigation</i> . 2015;45:31-.
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