

LISTA DE LUCRARI

1. Titlul Tezei de Doctorat

T1. Ficatul gras non-alcoolic asociat cu sindromul metabolic: risc major pentru boala aterosclerotică. Universitatea de Medicina și Farmacie “Iuliu Hatieganu” Cluj-Napoca. Îndrumător științific: Prof. Dr. Petru Adrian Mircea.

2. Publicatii

A) Lista cărți și capitole în cărți

A1. Demian L, Bodog F, Parcioaga M, **Munteanu M**, Ignat-Romanul I, Braun A. 2013, *Ghidul stilului de viața sănătos pentru pacientul cu diabet zaharat*, Editura Universității din Oradea, Oradea.

B) Capitole publicate în volume selective

B1. **Munteanu M**, Brisc MC, Demian L, Brisc C. “Tratamentul colitei ulcerative ajustat în funcție de formele clinice” în “Viața Medicală - Bolile inflamatorii intestinale”. Coordonator științific: Dan L. Dumitrașcu. Coordonator editorial: Aurel F. Marin. Editura Etna, București, 2018, 48-50. ISBN 978-606-94161-4-3; ISBN 978-973-1985-29-9.

B2. Brisc C, **Munteanu M**, Brisc C. “Terapia actuală în colangita billiard primitivă” în “Viața medicală - Gastroenterologie 2020 Metode moderne de diagnostic și tratament”. Coordonator științific: Prof. Dr. Mircea Diclescu. Coordonator editorial: Dan Dumitru Mihalache, Editura Medichub, București 2020, 85-87. ISBN 978-606-94854-1-5; ISBN 978-606-95037-0-6.

3. Articole / studii publicate

A) Articole în extenso, publicate în reviste științifice naționale și/sau internaționale (ISI)

A.1. ISI autor principal

A.1.1. Nagy G*, **Munteanu M***, Gordan M, Chira R, Iancu M, Crisan D, Mircea PA. Computerized ultrasound image analysis for noninvasive evaluation of hepatic steatosis. Med Ultrason 2015 Dec;17(4):431-436. (*Autori principali). IF=1,62, (Q3).

A.1.2. Negrut N, Aleya L, Behl T, Diaconu CC, **Munteanu MA**, Babes EE, Toma MM, Bungau S. Epidemiology of botulism in the north-western Romania-a 7-year survey. Environ Sci Pollut Res Int. 2021 Dec;28(45):64234-64240. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.1007/s11356-021-15576-w> . IF=5,119 (Q1).

A.1.3. Chandra H, Singh C, Kumari P, Yadav S, Mishra AP, Laishevcev A, Brisc C, Brisc MC, **Munteanu MA**, Bungau S. Promising Roles of Alternative Medicine and Plant-Based Nanotechnology as Remedies for Urinary Tract Infections. *Molecules* 2020 Nov 28;25(23):5593. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/molecules25235593>. IF=4,412 (Q2).

A.1.4. Behl T, Makkar R, Sehgal A, Singh S, Sharma N, Zengin G, Bungau S, Andronie-Cioara FL, **Munteanu MA**, Brisc MC, Uivarosan D, Brisc C. Current Trends in Neurodegeneration: Cross Talks between Oxidative Stress, Cell Death, and Inflammation. *Int J Mol Sci.* 2021 Jul 11;22(14):7432. (Autor cu contribuții egale cu primul autor) <https://doi.org/10.3390/ijms22147432>. IF=6,208 (Q1).

A.1.5. Behl T, Kaur G, Sehgal A, Singh S, Bhatia S, Al-Harrasi A, Zengin G, Bungau SG, **Munteanu MA**, Brisc MC, Andronie-Cioara FL, Brisc C. Elucidating the Multi-Targeted Role of Nutraceuticals: A Complementary Therapy to Starve Neurodegenerative Diseases. *Int J Mol Sci.* 2021 Apr 14;22(8):4045. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/ijms22084045> IF=6,208 (Q1).

A.1.6. Behl T, Kaur I, Sehgal A, Zengin G, Brisc C, Brisc MC, **Munteanu MA**, Nistor-Cseppento DC, Bungau S. The Lipid Paradox as a Metabolic Checkpoint and Its Therapeutic Significance in Ameliorating the Associated Cardiovascular Risks in Rheumatoid Arthritis Patients. *Int J Mol Sci.* 2020 Dec 14;21(24):9505. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/ijms21249505>. IF=5,924 (Q1).

A.1.7. Behl T, Kaur G, Sehgal A, Bhardwaj S, Singh S, Buhas C, Judea-Pusta C, Uivarosan D, **Munteanu MA**, Bungau S. Multifaceted role of matrix metalloproteinases in neurodegenerative diseases: pathophysiological and therapeutic perspectives. *Int J Mol Sci* 2021 Jan 30;22(3):1413. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/ijms22031413>. IF=6,208 (Q1).

A.1.8. Corb Aron RA, Abid A, Vesa CM, Nechifor AC, Behl T, Ghitea TC, **Munteanu MA**, Fratila O, Andronie-Cioara FL, Toma MM, Bungau S. Recognizing the Benefits of Pre-/Probiotics in Metabolic Syndrome and Type 2 Diabetes Mellitus Considering the Influence of *Akkermansia muciniphila* as a Key Gut Bacterium. *Microorganisms* 2021, 9, 618. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/microorganisms9030618>. IF=4,12 (Q2).

A.1.9. Babes EE, Zaha DC, Tit DM, Nechifor AC, Bungau S, Andronie-Cioara FL, Behl T, Stoicescu M, **Munteanu MA**, Rus M, Toma MM, Brisc C. Value of Hematological and Coagulation Parameters as Prognostic Factors in Acute Coronary Syndromes. *Diagnostics (Basel)*. 2021 May 9;11(5):850. (Autor cu contribuții egale cu primul autor). <https://doi.org/10.3390/diagnostics11050850>. IF=3,992 (Q2).

A.2. ISI co-autor

A.2.1 Nagy G, Chira R, Crisan D, **Munteanu M**, Mircea PA. Unusual multiple metastatic localisations in adult Burkitt's lymphoma. A case report. *Med Ultrason* 2016 Dec;18(4):518-520. IF=1,62 (Q3).

A.2.2. Behl T, Kumar S, Sehgal A, Singh S, Kumari S, Brisc MC, **Munteanu MA**, Brisc C, Buhas CL, Judea-Pusta C, Buhas CL, Judea-Pusta C, Nistor-Cseppento DC, Bungau S. Rice bran, an off-shoot to newer therapeutics in neurological disorders. Biomed Pharmacother. 2021 Aug;140:111796. doi: 10.1016/j.biopha.2021.111796. <https://doi.org/10.1016/j.biopha.2021.111796> . IF=7,419 (Q1).

A.2.3. Akter R, Rahman H, Kaushik K, Mittal V, Uivarosan D, Nechifor AC, Behl T, Karthika C, Stoicescu M, **Munteanu MA**, Bustea C, Bungau S. Chemo-Preventive Action of Resveratrol: Suppression of p53—A Molecular Targeting Approach. Molecules 2021, 26(17), 5325; <https://doi.org/10.3390/molecules26175325>. <https://doi.org/10.3390/molecules26175325>. IF=4,927 (Q2).

A.2.4 Behl T, Kaur G, Sehgal A, Bhardwaj S, Singh S, Buhas C, Judea-Pusta C, Uivarosan D, **Munteanu MA**, Bungau S. Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease. Diagnostics (Basel). 2021 Jun 15;11(6):1090. doi: 10.3390/diagnostics11061090. <https://doi.org/10.3390/diagnostics11061090>. IF=3,70 (Q2).

A.2.5. Pop NO, Tit DM, Diaconu CC, **Munteanu MA**, Babes EE, Stoicescu M, Popescu MI, Bungau S. The Alberta Stroke Program Early CT score (ASPECTS): A predictor of mortality in acute ischemic stroke. Exp Ther Med. 2021 Dec;22(6):1371. doi: 10.3892/etm.2021.10805. <https://doi.org/10.3892/etm.2021.10805> . <https://doi.org/10.3892/etm.2021.10805>. IF=2,447

A.2.6. Behl, T.; Cumar, K.; Singh, S.; Sehgal, A.; Sachdeva, M.; Bhatia, S.; Harrasi, A.A.; Buhaş, C.; Judea - Pusta, C.T.; Negrut, N.; **Munteanu, M.A.**; Brisc, C.; Bungău, S. „*Unveilling the role of polyphenols in diabetic retinopathy*”, Journal of Functional Foods 85 (2021) 104608, <https://doi.org/10.1016/j.jff.2021.104608>. IF 5,223 (Q2).

A.2.7. Constantinescu A, Ilie-Stan CM, Şandru V, Ungureanu BS, Gheonea DI, Ciurea T, Plotogea OM, Pavel C, Enache V, **Munteanu MA**, Constantinescu G. A morphological and immunohistochemical study of the endoscopic ultrasound-fine-needle biopsy samples from solid pancreatic masses: a single center study Rom J Morphol Embryol. Jul-Sep 2021;62(3):723-731. doi: 10.47162/RJME.62.3.09.

A.3. ISI Proceedings

A.3.1 Nagy G, **Munteanu M**, Chira R, Valean S, Crisan D, Iancu M, Mircea PA. Hepatic Steatosis and Viral Hepatitis B and C: Role of Metabolic Syndrome. Proceedings of 49th Annual Scientific Meeting of the ESCI 2015: 243-248. ISBN 978-88-7587-719-4.

B. Indexate în baze de date internaționale (BDI)

B.1. **Munteanu MA**, Mircea PA. From NAFLD to cardiovascular disease. Is it (still) the metabolic syndrome? Clujul Med 2014;87(2):80-86. (CNCSIS B+)

B.2. **Munteanu MA**, Nagy GA, Mircea PA. Current management of NAFLD. Clujul Med 2016;89(1): 19-23. (CNCSIS B+).

B.3. Brisc C, Demian L, Brisc C, **Munteanu M**. Screening population la persoanele cu risc pentru boala ficatului gras non-alcoolic. Romanian Medical Journal 2020, LXVII, Suppl1, 63-65, CNCSIS/CNCS 769, Categoria B+.

3. Publicații sub formă de rezumat în volumele unor conferințe naționale/internaționale de specialitate

1. **Munteanu MA**, Popa L, Stanescu A. Studiu comparativ privind conversia medicamentoasa la ritm sinusal a fibrilatiei atriale paroxistice la pacientii cu boala cardiaca ischemica versus cei cu boala cardiaca ischemica si diabet zaharat de tip 2. Al 10-lea Congres National al Federatiei Romane de Diabet, Nutritie si Boli Metabolice 2012
2. **Munteanu MA**, Munteanu VC, Stanescu A. Modificari ale profilului lipidic, privite ca factor de risc cardiovascular, la pacientii diabetici si non-diabetici. Al 10-lea Congres National al Federatiei Romane de Diabet, Nutritie si Boli Metabolice 2012
3. **Munteanu MA**, Munteanu VC, Szekely C. Diabetul zaharat – factor de agravare in boala cardiovasculara: studiu comparativ al femeilor cu infarct miocardic acut si diabet zaharat versus femeile cu infarct miocardic acut fara diabet zaharat. Al 10-lea Congres National al Federatiei Romane de Diabet, Nutritie si Boli Metabolice 2012
4. Mircea PA, **Munteanu M**. Managementului ficatului gras non-alcoolic: rolul gastroenterologului. Al 10-lea Congres National al Federatiei Romane de Diabet, Nutritie si Boli Metabolice 2012
5. Mircea PA, Valean S, **Munteanu M**, Butnaru A, Chira R. Pseudoanevrism al arterei aorte secundar unei pancreatite cornice calcifice recurentiale asociate cu obstructia incompleta a caii biliare principale. A XVI a Conferinta Nationala a Societatii Romane de Ultrasonografie in Medicina si Biologie 2013
6. **Munteanu M**, Valean S, Brumboiu A, Elec F, Vladutiu D, Mircea PA. Peritoneal effusion of a rare cause – posttraumatic uroperitoneum. J Gastro Liv Dis 2013 2103;Suppl 1;22:149
7. Demian L, **Munteanu M**, Moca M. Sanatatea prin nutritia particularizata in sindromul metabolic. Al 40-lea Congres National al Societatii Romane de Diabet, Nutritie si Boli Metabolice 2014
8. Nagy G, **Munteanu M**, Chira R, Valean S, Crisan D, Iancu M, Mircea PA. Hepatic Steatosis and Viral Hepatitis B and C: Role of Metabolic Syndrome. 49th Annual Scientific Meeting of the ESCI 2015. Eur J Clin Invest 2015;45;Suppl 2:16.
9. **Mihai Alexandru Munteanu**, Georgiana Nagy, Simona Vălean, Mihaela Gordan, Petru Adrian Mircea. Serological and clinical risk factors associated with the development and progression of non-alcoholic fatty liver and metabolic syndrome. J Gastro Liv Dis 2016; Suppl 2;25:48-49.
10. **Mihai Alexandru Munteanu**, Georgiana Nagy, Simona Vălean, Mihaela Gordan, Petru Adrian Mircea. The combination of non-alcoholic fatty liver disease, metabolic syndrome and atherosclerosis development, from the perspective of clinical, serological and imaging risk factors. J Gastro Liv Dis 2016; Suppl 2;25:231.
11. **Mihai Alexandru Munteanu**, Georgiana Nagy, Simona Vălean, Mihaela Gordan, Petru Adrian Mircea. The risk of developing cardiovascular events in patients with isolated metabolic

syndrome and in patients with non-alcoholic fatty liver disease, with or without metabolic syndrome. J Gastro Liv Dis 2016; Suppl 2;25:231-232.

12. **Mihai Alexandru Munteanu**, Georgiana Nagy, Simona Vălean, Mihaela Gordan, Petru Adrian Mircea. Non-alcoholic fatty liver disease associated with metabolic syndrome: major risk for atherosclerosis. United European Gastroenterol J 2016;4;Suppl1:163.
13. **Mihai Munteanu**, Demian Luiza, Brisc Ciprian. Metabolic risk factors for the developing of colon polyps. J Gastro Liv Dis 2017; Suppl 3;26:69.
14. **Mihai Munteanu**, Luiza Demian - BPOC si Sindromul metabolic. Conferintele Societatii Romane de Pneumologie, Oradea, 11-14 septembrie 2017.
15. **Mihai Alexandru Munteanu**, Georgiana Nagy, Mihaela Gordan, Simona Vălean, Petru Adrian Mircea. Cardiovascular risk development model for the (atypical) patient with non-alcoholic fatty liver disease. United European Gastroenterol J 2017;5;Supp5:A399.
16. **Mihai Munteanu**, Lavinia Davidescu, Luiza Demian, Rixandra Ulmeanu. Sindromul metabolic si apneea in somn. A-VII-a Conferința a medicilor rezidenți pneumologi, 8-9 decembrie 2017, Sibiu.
17. **Munteanu M**, Brisc C. Association between metabolic risk factors and colorectal polyps. Endoscopy 2018; 50(04): 168-168.
18. **Mihai Munteanu**, Demian Luiza, Brisc Cristina, Brisc Ciprian. Necesitatea redefinirii sindromului metabolic pentru a include si ficatul gras non-alcoolic. 5th Up to Date on Hepatology Course, Bucharest, 26-27 aprilie 2018.
19. **Mihai Alexandru Munteanu**, Cristina Brisc, Luiza Demian, Ciprian Brisc. Factori de risc clinici și serologici asociați cu dezvoltarea aterosclerozei subclinice la pacienții cu FGNA. J Gastro Liv Dis 2018; Suppl 2;27:39-40.
20. **Mihai Alexandru Munteanu**, Cristina Brisc, Luiza Demian, Ciprian Brisc. Necesitatea redefinirii sindromului metabolic pentru a include ficatul gras non-alcoolic. J Gastro Liv Dis 2018; Suppl 2;27:62.
21. **Mihai Munteanu**, Ciprian Brisc. Riscul cardiovascular la pacienții cu ficat gras non-alcoolic. Necesitatea redefinirii sindromului metabolic. Scoala Nationala de Vara de Gastroenterologie, si hepatologie, Editia a-XIV-a, Covasna 5-7 iulie 2018.
22. **Munteanu Mihai**, Brisc Ciprian. Hepatometabolic syndrome. new criterias for the definition of MS. United European Gastroenterol J 2018;6;Suppl1:A549-A550.
23. **Munteanu Mihai**, Luiza Demian, Cristina Brisc, Ciprian Brisc. High resolution manometry in Oradea - first year's experience. J Gastro Liv Dis 2019; Suppl 2;28:25.

24. Lucuta Ioana Roxana, **Mihai Munteanu**, Cristina Brisc, Paula Bradea, Ciprian Brisc.. Neutrophil –lymphocyte count ratio in predicting infections in cirrhotic patients. J Gastro Liv Dis 2019; Suppl 2;28:75-76.
25. **Munteanu Mihai**, Ciprian Brisc. A rare case of gastrointestinal bleeding in a patient with Policitemia Vera. J Gastro Liv Dis 2019; Suppl 2;28:132-133.
26. Seica Gabriela Constantina, Lia Popsa, **Mihai Munteanu**, Iulia Nastasia, Cristina Brisc, Ciprian Brisc. The characteristics of colorectal polyps regarding to patients' age. J Gastro Liv Dis 2019; Suppl 2;28:135-136.
27. **Munteanu Mihai**, Luiza Demian, Cristina Brisc, Ciprian Brisc. Cyclic vomiting syndrome - an underdiagnosed condition. J Gastro Liv Dis 2019; Suppl 2;28:167-168.
28. **Munteanu Mihai**, Cote Adrian, Fodor Radu, Ciprian Brisc. Ultrasonography - indispensable shield facing malpraxis. Acta Medica Marisiensis 2019; Suppl5;65:24.

4) Lista celor maximum 10 lucrări (publicate *in extenso*, în reviste de specialitate naționale sau internaționale cu ISSN) considerate de către candidat a fi cele mai relevante pentru realizările profesionale proprii

1. **Munteanu MA**, Mircea PA. From NAFLD to cardiovascular disease. Is it (still) the metabolic syndrome? Clujul Med 2014;87(2):80-86. (CNCSIS B+)
2. **Munteanu MA**, Nagy GA, Mircea PA. Current management of NAFLD. Clujul Med 2016;89(1): 19-23. (CNCSIS B+)
3. Nagy G*, **Munteanu M***, Gordan M, Chira R, Iancu M, Crisan D, Mircea PA. Computerized ultrasound image analysis for noninvasive evaluation of hepatic steatosis. Med Ultrason 2015 Dec;17(4):431-436.
4. Corb Aron RA , Abid A, Vesa CM, Nechifor AC, Behl T, Ghitea TC, **Munteanu MA**, Fratila O, Andronie-Cioara FL, Toma MM, Bungau S. Recognizing the Benefits of Pre-/Probiotics in Metabolic Syndrome and Type 2 Diabetes Mellitus Considering the Influence of Akkermansia muciniphila as a Key Gut Bacterium. Microorganisms 2021, 9, 618. <https://doi.org/10.3390/microorganisms9030618>.
5. Behl T, Kaur G, Sehgal A, Bhardwaj S, Singh S, Buhas C, Judea-Pusta C, Uivarosan D, **Munteanu MA**, Bungau S. Multifaceted role of matrix metalloproteinases in neurodegenerative diseases: pathophysiological and therapeutic perspectives. Int J Mol Sci 2021 Jan 30;22(3):1413. <https://doi.org/10.3390/ijms22031413>.

6. Behl T, Makkar R, Sehgal A, Singh S, Sharma N, Zengin G, Bungau S, Andronie-Cioara FL, **Munteanu MA**, Brisc MC, Uivarosan D, Brisc C. Current Trends in Neurodegeneration: Cross Talks between Oxidative Stress, Cell Death, and Inflammation. *Int J Mol Sci*. 2021 Jul 11;22(14):7432. <https://doi.org/10.3390/ijms22147432>.
7. Behl T, Kaur G, Sehgal A, Bhardwaj S, Singh S, Buhas C, Judea-Pusta C, Uivarosan D, **Munteanu MA**, Bungau S. Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease. *Diagnostics (Basel)*. 2021 Jun 15;11(6):1090. doi: 10.3390/diagnostics11061090. <https://doi.org/10.3390/diagnostics11061090>.
8. Behl T, Kaur I, Sehgal A, Zengin G, Brisc C, Brisc MC, **Munteanu MA**, Nistor-Cseppento DC, Bungau S. The Lipid Paradox as a Metabolic Checkpoint and Its Therapeutic Significance in Ameliorating the Associated Cardiovascular Risks in Rheumatoid Arthritis Patients. *Int J Mol Sci*. 2020 Dec 14;21(24):9505. <https://doi.org/10.3390/ijms21249505>.
9. Constantinescu A, Ilie-Stan CM, Șandru V, Ungureanu BS, Gheonea DI, Ciurea T, Plotogea OM, Pavel C, Enache V, **Munteanu MA**, Constantinescu G. A morphological and immunohistochemical study of the endoscopic ultrasound-fine-needle biopsy samples from solid pancreatic masses: a single center study *Rom J Morphol Embryol*. Jul-Sep 2021;62(3):723-731. doi: 10.47162/RJME.62.3.09.
10. Nagy G, **Munteanu M**, Chira R, Valean S, Crisan D, Iancu M, Mircea PA. Hepatic Steatosis and Viral Hepatitis B and C: Role of Metabolic Syndrome. *Proceedings of 49th Annual Scientific Meeting of the ESCI 2015*: 243-248. ISBN 978-88-7587-719-4.