

Lista lucrărilor științifice

Dr. Mănescu Ion-Bogdan

Lucrări relevante

1. **Mănescu IB**, Gabor MR, Moldovan GV, et al. An 8-SNP LDL Cholesterol Polygenic Score: Associations with Cardiovascular Risk Traits, Familial Hypercholesterolemia Phenotype, and Premature Coronary Heart Disease in Central Romania. *Int J Mol Sci.* 2024;25(18):10038. doi:10.3390/ijms251810038 **(FI 4.9, Q1)**
2. **Mănescu IB**, Demian L, Dobreanu M. Low-Density Lipoprotein Cholesterol Gymnastics: Exploring the Advantages and Limitations of the Friedewald, Martin-Hopkins, and Sampson Equations for Personalized Lipid Management. *J Pers Med.* 2024;14(9):1000. doi:10.3390/jpm14091000 **(FI 3.0)**
3. **Mănescu IB**, Mănescu M, Bărcuțean LI, Demian L, Dobreanu M. Short-Term Atorvastatin Therapy in Healthy Individuals Results in Unaltered Plasma MMP Levels and Disrupted MMP-7 Correlation with Blood Lipids and Blood Count-Derived Inflammatory Markers. *J Clin Med.* 2024;13(16):4743. doi:10.3390/jcm13164743 **(FI 3.0, Q1)**
4. Mănescu M[#], **Mănescu IB[#]**, Grama A. A Review of Stage 0 Biomarkers in Type 1 Diabetes: The Holy Grail of Early Detection and Prevention?. *J Pers Med.* 2024;14(8):878. doi:10.3390/jpm14080878 **(FI 3.0, Q1, co-prim autor)**
5. Koc DC[#], **Mănescu IB[#]**, Mănescu M, Dobreanu M. A Review of the Prognostic Significance of Neutrophil-to-Lymphocyte Ratio in Nonhematologic Malignancies. *Diagnostics (Basel).* 2024;14(18):2057. doi:10.3390/diagnostics14182057 **(FI 3.0, Q1, co-prim autor)**
6. Barcutean L, Farczadi L, **Manescu IB**, Imre S, Maier S, Balasa R. Short and Medium Chain Fatty Acids in a Cohort of Naïve Multiple Sclerosis Patients: Pre- and Post-Interferon Beta Treatment Assessment. *Biologics.* 2024;18:349-361. doi:10.2147/BTT.S489523 **(FI 5.3, Q1)**
7. Moțățăianu A, **Mănescu IB**, Șerban G, et al. Exploring the Role of Metabolic Hormones in Amyotrophic Lateral Sclerosis. *Int J Mol Sci.* 2024;25(10):5059. doi:10.3390/ijms25105059 **(FI 4.9, Q1)**
8. Pál K, **Mănescu IB[#]**, Lupu S, Dobreanu M. Emerging Biomarkers for Predicting Clinical Outcomes in Patients with Heart Disease. *Life (Basel).* 2023;13(1):230. doi: 10.3390/life13010230 **(FI 3.2, Q2, co-prim autor)**
9. **Mănescu IB**, Pál K, Lupu S, Dobreanu M. Conventional Biomarkers for Predicting Clinical Outcomes in Patients with Heart Disease. *Life (Basel).* 2022;12(12):2112. doi: 10.3390/life12122112 **(FI 3.2, Q2)**
10. Dobreanu M, Manu DR, **Mănescu IB^{*}**, et al. Treatment With Cladribine Selects IFN γ +IL17+ T Cells in RRMS Patients - An *In Vitro* Study. *Front Immunol.* 2021;12:743010. doi:10.3389/fimmu.2021.743010 **(FI 5.7, Q1)**

Studii de doctorat

Titlu: Pași spre implementarea medicinei de precizie în diagnosticul și monitorizarea dislipidemiilor.

Anul susținerii: 2024

Conducător științific: Prof. univ. Dr. Dobreanu Minodora

Instituția eliberatoare a diplomei: UMFST G. E. Palade din Târgu Mureș

Calificativ obținut: Excelent (SUMMA CUM LAUDE)

Cărți publicate

Oana Oprea, **Bogdan Mănescu**. Evaluarea fazei analitice în laborator – Ghid practic. Editura University Press Târgu Mureș, 2022, 143 pagini, ISBN 978-973-169-757-4.

Articole in extenso

Articole ISI

1. Moțățăianu A, **Mănescu IB**, Șerban G, Ion V, Bălașa R, Andone S. The Effects of a Mediterranean Diet on Metabolic Hormones and Cytokines in Amyotrophic Lateral Sclerosis Patients: A Prospective Interventional Study. *Nutrients*. 2025;17(9):1437. doi: 10.3390/nu17091437 (**FI 4.8, Q1**)
2. Barcutean L, Farczadi L, **Manescu IB**, Imre S, Maier S, Balasa R. Short and Medium Chain Fatty Acids in a Cohort of Naïve Multiple Sclerosis Patients: Pre- and Post-Interferon Beta Treatment Assessment. *Biologics*. 2024;18:349-361. doi:10.2147/BTT.S489523 (**FI 5.3, Q1**)
3. **Mănescu IB**, Demian L, Dobreanu M. Low-Density Lipoprotein Cholesterol Gymnastics: Exploring the Advantages and Limitations of the Friedewald, Martin-Hopkins, and Sampson Equations for Personalized Lipid Management. *J Pers Med*. 2024;14(9):1000. doi:10.3390/jpm14091000 (**FI 3.0**)
4. **Mănescu IB**, Gabor MR, Moldovan GV, et al. An 8-SNP LDL Cholesterol Polygenic Score: Associations with Cardiovascular Risk Traits, Familial Hypercholesterolemia Phenotype, and Premature Coronary Heart Disease in Central Romania. *Int J Mol Sci*. 2024;25(18):10038. doi:10.3390/ijms251810038 (**FI 4.9, Q1**)
5. Koc DC[#], **Mănescu IB[#]**, Mănescu M, Dobreanu M. A Review of the Prognostic Significance of Neutrophil-to-Lymphocyte Ratio in Nonhematologic Malignancies. *Diagnostics (Basel)*. 2024;14(18):2057. doi:10.3390/diagnostics14182057 (**FI 3.0, Q1, co-prim autor**)
6. **Mănescu IB**, Mănescu M, Bărcuțean LI, Demian L, Dobreanu M. Short-Term Atorvastatin Therapy in Healthy Individuals Results in Unaltered Plasma MMP Levels and Disrupted MMP-7 Correlation with Blood Lipids and Blood Count-Derived Inflammatory Markers. *J Clin Med*. 2024;13(16):4743. doi:10.3390/jcm13164743 (**FI 3.0, Q1**)
7. Mănescu M[#], **Mănescu IB[#]**, Grama A. A Review of Stage 0 Biomarkers in Type 1 Diabetes: The Holy Grail of Early Detection and Prevention?. *J Pers Med*. 2024;14(8):878. doi:10.3390/jpm14080878 (**FI 3.0, Q1, co-prim autor**)
8. Moțățăianu A, **Mănescu IB**, Șerban G, et al. Exploring the Role of Metabolic Hormones in Amyotrophic Lateral Sclerosis. *Int J Mol Sci*. 2024;25(10):5059. doi:10.3390/ijms25105059 (**FI 4.9, Q1**)
9. Oprea OR, Barabas AZ, **Manescu IB**, Dobreanu M. A Mathematical Algorithm for Dried Blood Spot Quality Assessment and Results concerning Quality from a Newborn Screening Program. *J Appl Lab Med*. 2024;9(3):512-525. doi:10.1093/jalm/jfae003 (**FI 1.8**)
10. Barcutean L, Maier S, Bajko Z, Stoian A, Mosora O, Sarmasan E, **Manescu IB**, Balasa R. Long-Term Disability Outcomes in Relapsing-Remitting Multiple Sclerosis Patients: Impact of Clinical and Demographic Factors on Disease Progression. *J Clin Med*. 2024;13(6):1813. doi: 10.3390/jcm13061813 (**FI 3.0, Q1**)
11. **Mănescu IB**, Luca A, Huțanu A, Truța A, Dobreanu M. Anti-Thyroid Peroxidase (TPO) Antibodies – Comparative Analysis of Two Automatic Methods, ECLIA and CMIA. *Rev Rom Med Lab*. 2024;32(1):33-40. doi: 10.2478/rrlm-2024-0009 (**FI 0.5, Q4**)
12. Oprea O, Molnar A, **Mănescu I**. A novel multimodal approach for the assessment of phlebotomy performance in nurses. *Journal of Laboratory Medicine*. 2023;47(5):217-223. doi: 10.1515/labmed-2023-0055 (**FI 1.1, Q3**)

13. Preda CE, Oprea OR, **Manescu IB**, Dobreanu M. Method comparison between Alinity hq and Sysmex XT-4000i in an emergency laboratory. *Scand J Clin Lab Invest*. 2023;83(1):31-37. doi: 10.1080/00365513.2022.2164516 (**FI 1.3, Q3**)
14. Pál K, **Mănescu IB**[#], Lupu S, Dobreanu M. Emerging Biomarkers for Predicting Clinical Outcomes in Patients with Heart Disease. *Life (Basel)*. 2023;13(1):230. doi: 10.3390/life13010230 (**FI 3.2, Q2, co-prim autor**)
15. **Mănescu IB**, Pál K, Lupu S, Dobreanu M. Conventional Biomarkers for Predicting Clinical Outcomes in Patients with Heart Disease. *Life (Basel)*. 2022;12(12):2112. doi: 10.3390/life12122112 (**FI 3.2, Q2**)
16. Oprea OR, Preda EC, **Mănescu IB**, Dobreanu M. Setting Up an Own Laboratory Performance-Based Internal Quality Control Plan – a Model for Complete Blood Count. *Rev Rom Med Lab*. 2022;30(4):477-482. doi: 10.2478/rrlm-2022-0036 (**FI 0.5, Q4**)
17. Oprea OR, **Mănescu IB**, Gyorfi I. The evaluation of the Preanalytical Phase – a Continuous Challenge for Clinical Laboratories. *Rev Rom Med Lab*. 2022;30(1):93-95. doi: 10.2478/rrlm-2021-0038 (**FI 0.5, Q4**)
18. Dobreanu M, Manu DR, **Mănescu IB**^{*}, et al. Treatment With Cladribine Selects IFN γ +IL17+ T Cells in RRMS Patients - An *In Vitro* Study. *Front Immunol*. 2021;12:743010. doi:10.3389/fimmu.2021.743010 (**FI 5.7, Q1**)
19. Gyorfi I, Pal K, **Mănescu IB**^{*}, Oprea OR, Dobreanu M. Atellica CH 930 Chemistry Analyzer Versus Cobas 6000 c501 and Architect ci4100 – a Multi-Analyte Method Comparison. *Rev Rom Med Lab*. 2021;29(4):421-438. doi: 10.2478/rrlm-2021-0027 (**FI 0.5, autor corespondent**)

(articolele de mai jos au fost luate în calcul la promovarea anterioară)

20. **Mănescu IB**, Pavelea O, Dobreanu M. Troubleshootings in RNA extraction – Back to Basic Chemistry. *Rev Rom Med Lab*. 2020;28(4):441-445. doi: 10.2478/rrlm-2020-0034 (**FI 1.0, Q4**)
21. **Mănescu IB**, Manu DR, Șerban GM, Dobreanu M. Variability of Stimulated T-cells Secretory Profile in Healthy Subjects. *Rev Rom Med Lab*. 2020;28(1):75-89. doi: 10.2478/rrlm-2020-0004 (**FI 1.0, Q4**)

Articole BDI

22. Mănescu M, **Mănescu IB**^{*}, Grama A. The Influence of the COVID-19 Pandemic on Pediatric Hospitalizations for Type 1 Diabetes Mellitus. *Acta Marisiensis Seria Medica*. 2024;70(3). doi: 10.2478/amma-2024-0021 (**BDI, autor corespondent**)
23. **Mănescu IB**, Mănescu M, Preda EC, Manu DR, Dobreanu M. The Effect of Postprandial In Vivo and Experimental In Vitro Hyperlipidemia on Human Peripheral Blood Monocytes. *Acta Marisiensis Seria Medica*. 2022;68(4). doi: 10.2478/amma-2022-0026 (**BDI**)
24. Moldovan GM, Huțanu A, Demian L, Hadadi L, **Mănescu IB**, Dobreanu M. The Utility of MLPA in Familial Hypercholesterolemia Diagnosis. *Acta Marisiensis Seria Medica*. 2021;67(3):162-166. doi: 10.2478/amma-2021-0021 (**BDI**)
25. Vuță M, Cotoi IM, **Mănescu IB**, Manu DR, Dobreanu M. Cytokine Production in Stimulated Fresh and Cryopreserved T-cells. *Acta Marisiensis Seria Medica*. 2021;67(2):95-101. doi: 10.2478/amma-2021-0012 (**BDI**)

(articolele de mai jos au fost luate în calcul la promovarea anterioară)

26. Șerban GM, **Mănescu IB**, Manu DR, Dobreanu M. Optimization of a Density Gradient Centrifugation Protocol for Isolation of Peripheral Blood Mononuclear Cells. *Acta Marisiensis Seria Medica*. 2018;64(2):83-90. doi: 10.2478/amma-2018-0011 (**BDI**)