

## Lista de lucrări

### I. Lista lucrărilor relevante pentru domeniul disciplinelor postului:

1. **Oana OR**, Preda EC. Hemoglobin clinical decision limits: chasing the numbers. *Rev Rom Med Lab*. 2026;34(1). DOI: 10.2478/rrlm-2026-0004 (Ahead of print). Prim-autor. FI=0.5.Q4. Punctaj:  $25 (1+0.5)=37.5$
2. **Oprea, O.R.**, Fotache, AM., Rus, CM. *et al.* Laboratory risk management for INR alert values. *Sci Rep* **15**, 31800 (2025). <https://doi.org/10.1038/s41598-025-16944-z>. FI: 3.9, Q1. Prim-autor. Punctaj:  $25(1+3.9)=122.5$
3. **Oprea O**, Preda E, Dorcioman B, Bucur H, Dobreanu M. Hematology instruments don't speak the same language: a comparison study between flagging messages of sysmex XN-1000 and alinity H. *Journal of Laboratory Medicine*. 2025;49(2): 76-82. <https://doi.org/10.1515/labmed-2024-0046>. FI: 1.8, Q3. Prim auto. Punctaj:  $25 (1+1.8)=28.33$
4. **Oprea OR**, Handolescu DI, Dobreanu M. Pilot study on laboratory sample exchange: Evaluation and key findings. *Rev Romana Med Lab*. 2025;33(2):119-24. DOI:10.2478/rrlm-2025-0012. FI: 0.5. Q4. Prim-autor. Punctaj:  $25 (1+0.5)=37.5$
5. **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 May 2;9(3):512-525. doi: 10.1093/jalm/jfae003. FI: 1.9. Q2. Prim-autor. Punctaj:  $25 (1+1.9)=72.5$
6. **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. <https://doi.org/10.1515/labmed-2023-0055>. FI: 1.8. Q3. Prim-autor. Punctaj:  $25 (1+1.8)=70$
7. **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 Romana Med Lab*. 2022;30(4):477-82. DOI:10.2478/rrlm-2022-0036. FI: 0.5. Q4. Prim-autor. Punctaj: 37.5
8. **Oprea O.**, Huțanu A., Pavelea O., Kodori DR., Dobreanu M. Quality control strategy for automated CBC: a laboratory point of view deductedf from an internal study organised in a emergency laboratory. *Rev Rom Med Lab* 2020 28: 19-27. ISSN 1841-6624. doi: 10.2478/rrlm-2020-0012. FI:0.945. Q4 Prim autor. Punctaj:  $25 (1+0.945)=48.62$

9. **Oana Oprea.** Managementul calității în laboratorul de analize medicale. Editura University Press, Târgu Mureș, 2025, 126 pag. ISBN: 978-973-169-923-3. Cod CNCS 210. Autor unic Punctaj:  $(126/10)*2=25.2$
10. **Oana Oprea, Bogdan Ion Mănescu.** Evaluarea fazei analitice în laborator-Ghid practic. Editura University Press Târgu Mureș, 2022, 143 pag. ISBN: 978-973-169-757-4. Cod CNCS 210. Autor principal Punctaj:  $(143/10)*2=28.6$

II. **Teza doctorat:** Factori care influențează screening-ul pentru hipotiroidie la nou-născut, 2020, Prof.Dr. Dobreanu Minodora, UMFST GE Palade Târgu Mureș, calificativ: Excelent (Summa cum laudae).

### III. Cărți de specialitate și capitole:

1. **Oana Oprea.** Managementul calității în laboratorul de analize medicale. Editura University Press, Târgu Mureș, 2025, 126 pag. ISBN: 978-973-169-923-3. Cod CNCS 210. Autor unic Punctaj:  $(126/10)*2=25.2$
2. **Oana Oprea, Bogdan Ion Mănescu.** Evaluarea fazei analitice în laborator-Ghid practic. Editura University Press Târgu Mureș, 2022, 143 pag. ISBN: 978-973-169-757-4. Cod CNCS 210. Autor principal Punctaj:  $(143/10)*2=28.6$
3. **Oana Oprea, Adina Huțanu.** Influența fazei preanalitice asupra calității rezultatelor analizelor de laborator-Ghid practic. Editura University Press Târgu Mureș, 2021, 119 pg. ISBN:978-973-169-661-4. Cod CNCS 210. Autor principal Punctaj:  $(119/10)*2=23.8$

*Luata în considerare la ultima promovare*

### Capitole în volume colective:

4. **Oana Oprea.** Valorile de referință și limitele de decizie clinică în Biochimie clinică-Implicații practice vol. 2 sub redacția Minodora Dobreanu, Editura Pim Iași, 2023, pag. 459-475. ISBN 978-606-13-7568-4. Cod CNCS 182. Prim autor  $2*1.8=3.6$

*Luata în considerare la ultima promovare*

5. Adina Huțanu, **Oana Oprea** . Homeostazia bioelementelor în Biochimie aplicată pentru nutriționiști, sub redacția Adina Huțanu, Editura University Press Târgu Mureș, 2020, pag. 9-38. ISBN 978-973-169-657-7, cod CNCS 210. Co-autor capitol  $2/2*3.1=3.1$
6. **Oana Oprea** . Influența metabolismului lipidic asupra statusului nutrițional în Biochimie aplicată pentru nutriționiști, sub redacția Adina Huțanu, Editura University Press Târgu Mureș, 2020, pag. 97-115. ISBN 978-973-169-657-7, cod CNCS 210. Prim autor capitol  $2*2=4$



7. **Oana Oprea** . Influența metabolismului proteic asupra statusului nutrițional în Biochimie aplicată pentru nutriționiști, sub redacția Adina Huțanu, Editura University Press Târgu Mureș, 2020, pag. 117-137. ISBN 978-973-169-657-7, cod CNCS 210. Prim autor capitol 2\*2.2=4.4
8. **Oana Oprea**, Adina Huțanu. Alergiile și intoleranțele alimentare în Biochimie aplicată pentru nutriționiști, sub redacția Adina Huțanu, Editura University Press Târgu Mureș, 2020, pag. 165-189. ISBN 978-973-169-657-7, cod CNCS 210. 2\*2.6=5.2

#### IV. Articole în reviste cotate ISI, cu factor de impact:

1. **Oana OR**, Preda EC. Hemoglobin clinical decision limits: chasing the numbers. Rev Rom Med Lab. 2026;34(1). DOI: 10.2478/rrlm-2026-0004 (Ahead of print). Prim-autor. FI=0.5.Q4. Punctaj: 25 (1+0.5)=37.5
2. Preda EC, **Oprea OR**, Barabas AZ, Fotache AM, Dobreanu M. When equations disagree: the impact of creatinine-based eGFR in CKD diagnosis and reclassification. BMC nephrology. 2025 Nov 18;26(1):647. ISSN 1471-2369, doi: 10.1186/s12882-025-04584-4, FI: 2.4, Q2. Autor corespondent. Punctaj: 25 (1+2.4)/3=28.33
3. Milevoj Kopcinovic L, Nikolac Gabaj N, Lapić I, Rogić D, **Oprea OR**, Dobreanu M, Nożewski J, Sieminski M, Stępniewska E, Dąbrowska M, Mroczko B, Wojewódzka-Żeleznikowicz M, Jalali R, Baluch M, Malinowska J, Romaszko J, Homšak E, Prosen G, Strnad M, Ferreira da Silva H, Pavletić M, Šupak-Smolčić V, Bilić-Zulle L, Tancabel Mačinković A, Lerga M, Dobrota D, Čierny D, Sivák Š, Kurča E, Martiníková M. Exclusion of intracranial lesions in mild traumatic brain injury using glial fibrillary acidic protein and ubiquitin C-terminal hydrolase-L1: a European multicenter study. Eur J Emerg Med. 2025 Oct 1;32(5):351-358. doi: 10.1097/MEJ.0000000000001234. FI: 4.2. Q1. Co-autor. Punctaj: 15 (1+4.2)/19=4.10
4. Györfi I, **Oprea OR**, Mănescu IB, Curici A, Dobreanu M. Comparative Evaluation of 24 LDL-C Estimation Equations Against Direct Assays in Two Independent Cohorts. Diagnostics (Basel). 2025 Sep 10;15(18):2298. doi: 10.3390/diagnostics15182298. FI: 3.3. Q1. Autor corespondent. Punctaj: 25 (1+3.3)/3=35.83.
5. **Oprea, O.R.**, Fotache, AM., Rus, CM. *et al.* Laboratory risk management for INR alert values. *Sci Rep* 15, 31800 (2025). <https://doi.org/10.1038/s41598-025-16944-z>. FI: 3.9, Q1. Prim-autor. Punctaj: 25(1+3.9)=122.5
6. **Oprea O**, Preda E, Dorcioman B, Bucur H, Dobreanu M. Hematology instruments don't speak the same language: a comparison study between flagging messages of sysmex XN-1000 and alinity H. *Journal of Laboratory Medicine*. 2025;49(2): 76-82. <https://doi.org/10.1515/labmed-2024-0046>. FI: 1.8, Q3. Prim auto. Punctaj: 25 (1+1.8)=28.33

7. **Oprea OR**, Handolescu DI, Dobreanu M. Pilot study on laboratory sample exchange: Evaluation and key findings. *Rev Romana Med Lab.* 2025;33(2):119-24. DOI:10.2478/rrlm-2025-0012. FI: 0.5. Q4. Prim-autor. Punctaj: 25 (1+0.5)=37.5
8. Györfi I, Mănescu IB, **Oprea OR**, Curici A, Fotache AM, Dobreanu M. Toward accurate LDL-cholesterol estimation: platform-specific, population-based equations outperform Friedewald in two independent cohorts. *Scand J Clin Lab Invest.* 2025 Nov 27;1-10. doi: 10.1080/00365513.2025.2592875. FI: 1.4. Q3. Co-autor. Punctaj: 15 (1+1.4)/6=6
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 May 2;9(3):512-525. doi: 10.1093/jalm/jfae003. FI: 1.9. Q2. Prim-autor. Punctaj: 25 (1+1.9)=72.5
10. **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. <https://doi.org/10.1515/labmed-2023-0055>. FI: 1.8. Q3. Prim-autor. Punctaj: 25 (1+1.8)=70
11. 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 Feb;83(1):31-37. doi: 10.1080/00365513.2022.2164516. FI: 1.4, Q3. Autor corespondent. Punctaj: 25 (1+1.4)/3=20
12. **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 Romana Med Lab.* 2022;30(4):477-82. DOI:10.2478/rrlm-2022-0036. FI: 0.5. Q4. Prim-autor. Punctaj: 37.5
13. Györfi I, Pál 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 Romana Med Lab.* 2021;29(4):421-38. DOI:10.2478/rrlm-2021-0027. FI: 0.5. Q4. Co-autor. Punctaj: 15 (1+0.5)/5=4.5
14. **Oprea OR**, Barbu SV, Kodori DR, Dobreanu M. Recall Rate in Congenital Hypothyroidism Screening: Influence of the Day of Sample Collection and Lower Cutoff. *Acta Endocrinol (Buchar).* 2021 Apr-Jun;17(1):22-25. doi: 10.4183/aeb.2021.22. FI: 0.7 Q4. Prim-autor. Punctaj: 25 (1+0.7)=42.5

**Luata în considerare la ultima promovare**

15. **Oprea O.**, Zaharia M., Dobreanu M. Total errors of TSH results by fluorescent Immunoassay technique from drieds blood spots in a newborn screening program for congenital hypothyroidism-variations in time. *Rev Rom Med Lab* 2020 28: 325-30, ISSN 1841-6624, doi: 10.2478/rrml-20209-0022. FI: 0.945.Q4 utor. Punctaj: 25 (1+0.945)=48.62



16. **Oprea O.**, Huțanu A., Pavelea O., Kodori DR., Dobreanu M. Quality control strategy for automated CBC: a laboratory point of view deducted from an internal study organised in a emergency laboratory. Rev Rom Med Lab 2020 28: 19-27. ISSN 1841-6624. doi: 10.2478/rrlm-2020-0012. FI:0.945. Q4 Prim autor. Punctaj: 25  $(1+0.945)=48.62$
17. Dobreanu M., **Oprea O.** Laboratory Medicine in the era of precision medicine- dream or reality? Rev Rom Med Lab 2019 27: 115-124. ISSN 1841-6624, doi: 10.2478/rrlm-2019-0025. Prim autor-contribuție egală. FI:0.945 Q4 Punctaj: 5  $(1+0.945)=9.72$
18. Binzari E., Zaharia M, Barbu S, **Oprea O.**, Dobreanu M. Hemolysis has no influence on routine coagulation tests in subjects without anticoagulant therapy -a referral Romanian emergency hospital laboratory experience. Rev Rom Med Lab 2019: 375-382, ISSN 1841-6624,doi: 10.2478/rrlm-2019-0034. FI: 0.945. Co-autor. Punctaj: 15  $(1+0.945)/5=5.83$
19. Huțanu A., Iancu M., Dobreanu M., **Oprea O.**, Barbu S., Maier S., Tero-Vescan A., Bajko Z., Bălașa A. Extended lipid profile in Romanian ischemic stroke patients in relation to stroke severity and outcome: a path analysis model. Arc Med Sci 2018: 1-10. ISSN 1734-1922. doi: 10.5114/aoms.2019.89302. FI:2.806. Co-autor. Punctaj: 15  $(1+2.806)/9=6.34$
20. Huțanu A., Maier S., Bălașa R., **Oprea O.**, Barbu S., Voidăzan S., Dobreanu M. Plasma phosphorylated neurofilament heavy chains as a potenatial marker for ischemic stroke patients. Rev Rom Med Lab 2018 26: 59-64. ISSN 1841-6624. doi: 10.2478/rrlm-2018-0004. FI: 0.945. Co-autor. Punctaj: 15  $(1+0.945)/7=4.16$

V. Articole în reviste cotate ISI, fără factor de impact:

1. **Oprea O.**, Barbu SV, Dobreanu M., Huțanu A. Dietary suppliments that contain biotin do not influence fluorescence thyroid-stimulating hormone values when screening for congenital hypothyroidism in newborns. Health Probl Civil 2020 14: 49-52. ISSN 2353-6942, doi: 10.5114/hpc.2020.92980. Punctaj: 10

VI. Articole în reviste BDI

1. Preda E, Moldovan V, **Oprea O.** Clear or White? A RT-PCR plate comparison for SARS-CoV-2 diagnosis. Acta Marisiensis-Seria Medica. 2022;68(3). Available from: <https://ojs.actamedicamarisiensis.ro/index.php/amm/article/view/181>. Autor principal. Punctaj:  $10/3*1.5=5$
2. Cojocaru K, **Oprea O.**, Dobreanu M. The influence of transport condition and processing time on plasma ammonia results. Acta Marisiensis-seria Medica. 2022;68(1). <https://ojs.actamedicamarisiensis.ro/index.php/amm/article/view/121>. Autor corespondent. Punctaj:  $10/3*1.5=5$

3. Gyorfi I, Barbu S, **Oprea OR**, Dobreanu M. Protocol modification proposed for congenital hypothyroidism screening programme in Romania. Acta Marisensis-Seria Medica;67(1).<https://ojs.actamedicamarisiensis.ro/index.php/amm/article/view/66>. Co-autor. Punctaj:  $10/4 \times 1.5 = 3.75$