



MINISTERUL EDUCAȚIEI ȘI CERCETĂRII

UNIVERSITATEA „TITU MAIORESCU” DIN BUCUREȘTI

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AVIZAT,
Director IOSUD
Prof. univ. dr. [REDACTED] ONCIOIU

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Conf. univ. dr. Magdalena Budișteanu



Fișa de îndeplinire a standardelor I.O.S.U.D. Universitatea Titu Maiorescu din București în vederea obținerii atestatului de abilitare

NUME

Necula Laura Georgiana
Doctor în MEDICINA

COMISIA DE MEDICINĂ:

Standarde minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare-dezvoltare.

(Se completează descriptiv incluzând toți itemii care intră în compunerea punctajului)

Titlul	Nr. Articole ISI Autor principal	Nr. Articole ISI Coautor	Index Hirsch	(ISI) Factor cumulat de impact autor principal (FCIAP)
Profesor universitar/CS I				
Abilitare	16	27	19	48,999



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Descriptiv: Articole cotate ISI în calitate de autor principal: Nr articole: 16

Nr. Crt.	Autori	Titlu	Revista
1.	Necula L.G. , Dragu D.L., Matei L., Pitica I., Dima S.O., Bleotu C., Diaconu C.C., Chivu-Economescu M.	COL10A1 overexpression promotes gastric cancer aggressiveness through EMT and major oncogenic pathways.	International Journal Of Molecular Sciences Nov 14 2025, 26, doi:10.3390/ijms262211043. IF: 4,9. Q1.
2.	Dragu L.D., Chivu-Economescu M., Pitica I.M., Matei L., Bleotu C., Diaconu C.C., Necula L.G.	Targeting exosomal PD-L1 as a new frontier in cancer immunotherapy.	Current Issues In Molecular Biology Jul 8 2025, 47, doi:10.3390/cimb47070525. IF: 3,0. Q3.
3.	Denisa Dragu, Laura Georgiana Necula*(corresponding author) , Coralia Bleotu, Carmen C Diaconu, Mihaela Chivu-Economescu.	Soluble PD-L1: From Immune Evasion to Cancer Therapy.	Life (Basel) 2025 Apr 8;15(4):626. doi: 10.3390/life15040626. IF: 3,4. Q1.
4.	Necula L , Matei L, Dragu D, Pitica I, Neagu A, Bleotu C, Diaconu CC, Chivu-Economescu M.	Collagen Family as Promising Biomarkers and Therapeutic Targets in Cancer.	Int J Mol Sci. 2022 Oct 17;23(20):12415. doi: 10.3390/ijms232012415. IF: 5,6. Q1.
5.	Necula L , Matei L, Dragu D, Pitica I, Neagu AI, Bleotu C, Dima S, Popescu I, Diaconu CC, Chivu-Economescu M.	High plasma levels of COL10A1 are associated with advanced tumor stage in gastric cancer patients.	World J Gastroenterol. 2020 Jun 14;26(22):3024-3033. doi: 10.3748/wjg.v26.i22.3024. IF: 5,742. Q2
6.	Chivu-Economescu M, Necula LG , Matei L, Dragu DL, Neagu AI, Alexiu I, Bleotu C, Diaconu CC. All authors equally contributed to this Paper	Gastrointestinal cancer stem cells as targets for innovative immunotherapy.	World J Gastroenterol. 2020 Apr 14;26(14):1580-1593. doi: 10.3748/wjg.v26.i14.1580. IF: 5,742. Q2
7.	Mihai S, Codrici E, Popescu ID, Enciu AM, Rusu E, Zilisteanu D, Necula LG , Anton G, Tanase C. All authors equally contributed to this Paper.	Inflammation-Related Patterns in the Clinical Staging and Severity Assessment of Chronic Kidney Disease.	Dis Markers. 2019 Oct 7;2019:1814304. doi: 10.1155/2019/1814304. eCollection 2019. IF: 2,738. Q2.
8.	Laura Necula , Lilia Matei, Denisa Dragu, Ana I Neagu, Cristina Mambet, Saviana Nedeianu, Coralia Bleotu, Carmen C Diaconu, Mihaela Chivu-Economescu.	Recent advances in gastric cancer early diagnosis.	World J Gastroenterol 25(17):2029-2044. Published online May 7, 2019. doi: 10.3748/wjg.v25.i17.2029. IF: 3,665. Q2.



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9.	Chivu-Economescu M, Matei L, Necula LG , Dragu DL, Bleotu C, Diaconu CC. All authors equally contributed to this Paper.	New therapeutic options opened by the molecular classification of gastric cancer.	World J Gastroenterol. 2018 May 14;24(18):1942-1961. doi: 10.3748/wjg.v24.i18.1942. IF: 3,411. Q2.
10.	Mihai S, Codrici E, Popescu ID, Enciu AM, Albulescu L, Necula LG , Mambet C, Anton G, Tanase C. All authors contributed equally to this work.	Inflammation-Related Mechanisms in Chronic Kidney Disease Prediction, Progression, and Outcome.	J Immunol Res. 2018 Sep 6;2018:2180373. doi: 10.1155/2018/2180373. IF: 3,404. Q2.
11.	Mambet C, Chivu-Economescu M, Matei L, Necula LG , Dragu DL, Bleotu C, Diaconu CC. All authors equally contributed to this paper.	Murine models based on acute myeloid leukemia-initiating stem cells xenografting.	World J Stem Cells. 2018 Jun 26;10(6):57-65. doi: 10.4252/wjsc.v10.i6.57. IF: 3,534. Q2.
12.	Diaconu, CC; Mambet, C; Necula, LG; Gurban, P; Matei, L; Aldea-Pitica, IM; Neagu, AI; Botezatu, A; Bleotu, C; Chivu-Economescu, M; Roman, V; Coriu, D; Constantinescu, S. First 3 authors contributed equally to this work.	Triple Negative Myeloproliferative Neoplasms - Sometimes Driver Mutations Stay Low-Key in Plain Sight.	Romanian Biotechnological Letters, 2017 Volume: 23 Issue: 4 Pages: 13750-13760. DOI:10.26327/RBL2017.12. WOS:000443345900005. IF: 0,59. Q4.
13.	Tanase CP, Codrici E, Popescu ID, Mihai S, Enciu AM, Necula LG , Preda A, Ismail, Albulescu R. All authors equally contributed to this Paper.	Prostate cancer proteomics: Current trends and future perspectives for biomarker discovery.	Oncotarget. 14;8(11):18497-18512, 2017. doi: 10.18632/oncotarget.14501 WOS:000396877500091
14.	Elena Rusu, Laura Georgiana Necula , Ana Iulia Neagu, Mihail Alecu, Cristian Stan, Radu Albulescu, Cristiana Pistol Tanase. All the authors contributed equally to this paper.	Current status on stem cell therapy: opportunities and limitations.	Turk J Biol, 2016, Volume: 40 Issue: 5, Pages: 955-967. DOI: 10.3906/biy-1506-95. IF: 1,038. Q3.
15.	Cristina Mambet#, Laura G. Necula #, Ana I. Neagu, Ioana M. Aldea, Lilia Matei, Denisa Dragu, Mirela Livadariu, Mihaela Chivu Economescu, Coralia Bleotu, Daniela Ion, Carmen C. Diaconu. # Authors that contributed equally to this paper.	HOX genes, reviewing the molecular bridges between developmental anomalies and cancer.	Romanian Biotechnological Letters Vol. 20, No. 3, Page10504-10511. 2015. WOS:000357415900016.
16.	Necula LG , Chivu-Economescu M, Stanculescu EL, Bleotu C, Dima SO, Alexiu I, Dumitru A, Constantinescu G, Popescu I, Diaconu CC.	IL-6 and IL-11 as markers for tumor aggressiveness and prognosis in gastric adenocarcinoma patients without mutations in Gp130 subunits.	Journal of Gastrointestinal and Liver Diseases 2012, 21(1), 23-29 (ISSN 1841-8724). IF: 1,855. Q3.



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Descriptiv: Articole cotate ISI în calitate de coautor: Nr articole: 27

Nr. Crt.	Autori	Titlu	Revista
1.	Gurban P., Mambet C., Botezatu A., Necula L.G. , Matei L., Neagu A.I., Pitica I., Ataman M., Tatic A., Bardas A., Gaman M.A., Dobrea C., Dragomir M., Ghimici C., Angelescu S., Barbu D., Stanca O., Danila M., Berbec N., Colita A., Vladareanu A.M., Nedeianu S., Chivu-Economescu M., Bleotu C., Coriu D., Sepulchre E., Anton G., Diaconu C.C., Constantinescu S.N.	Dominance of mutations in epigenetic regulators and a diversity of signaling alterations in blast-phase BCR::ABL1-negative myeloproliferative neoplasms.	American Journal Of Hematology 2025 Jan;100(1):168-171.doi:10.1002/ajh.27503. IF: 10,3. Q1
2.	Gurban P., Mambet C., Botezatu A., Necula L.G. , Matei L., Neagu A.I., Pitica I.M., Dragu L.D., Schulman A.N., Ataman M., Nedeianu S., Chivu-Economescu M., Bleotu C., Anton G., Diaconu C.C.	Increased mRNA expression for serotonin receptor 1B (HTR1B) is associated with thrombosis in BCR::ABL1-negative myeloproliferative neoplasms.	Journal of Cellular and Molecular Medicine 2024 Aug;28(16):e70024., doi:10.1111/jcmm.70024. IF: 4,2. Q2.
3.	Bleotu C, Matei L, Dragu LD, Necula LG , Pitica IM, Chivu-Economescu M, Diaconu CC.	Viruses in Wastewater-A Concern for Public Health and the Environment.	Microorganisms. 2024 Jul 14;12(7):1430. doi: 10.3390/microorganisms12071430. IF: 4,2. Q2.
4.	Gaman M.A., Mambet C., Neagu A.I., Bleotu C., Gurban P., Necula L. , Botezatu A., Ataman M., Diaconu C.C., Ionescu B.O., Ghiaur A.E., Tatic A., Coriu D., Gaman A.M., Diaconu C.C.	Assessment of total antioxidant capacity, 8-hydroxy-2'-deoxy-guanosine, the genetic landscape, and their associations in BCR::ABL1-negative chronic and blast phase myeloproliferative neoplasms.	International Journal of Molecular Sciences 2024 Jun 17;25(12):6652. doi:10.3390/ijms25126652. IF: 4,9. Q1.
5.	Gurban P., Mambet C., Botezatu A., Necula L.G. , Neagu A.I., Matei L., Pitica I.M., Nedeianu S., Chivu-Economescu M., Bleotu C., Ataman M., Mocanu G., Saguna C., Pavel A.G., Stambouli D., Sepulchre E., Anton G., Diaconu C.C., Constantinescu S.N.	Leukemic conversion involving Ras mutations of type 1 CALR-mutated primary myelofibrosis in a patient treated for HCV cirrhosis: A case report.	Frontiers in Oncology 2023 Sep 29;13:1266996. doi:10.3389/fonc.2023.1266996. IF: 3,5. Q2.



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6.	Chivu-Economescu M, Herlea V, Dima S, Sorop A, Pechianu C, Procop A, Kitahara S, Necula L , Matei L, Dragu D, Neagu AI, Bleotu C, Diaconu CC, Popescu I, Duda DG.	Soluble PD-L1 as a diagnostic and prognostic biomarker in resectable gastric cancer patients.	Gastric Cancer. 2023 Nov;26(6):934-946. doi: 10.1007/s10120-023-01429-7. IF: 6,0. Q1.
7.	Stoica SI, Onose G, Pitica IM, Neagu AI, Ion G, Matei L, Dragu LD, Radu L-E, Chivu-Economescu M, Necula LG , Anghelescu A, Diaconu CC, Munteanu C, Bleotu C.	Molecular Aspects of Hypoxic Stress Effects in Chronic Ethanol Exposure of Neuronal Cells.	Current Issues in Molecular Biology. 2023; 45(2):1655-1680. doi: 10.3390/cimb45020107. IF: 2,8. Q1.
8.	Chivu-Economescu M, Necula LG , Matei L, Dragu D, Bleotu C, Sorop A, Herlea V, Dima S, Popescu I, Diaconu CC.	Collagen Family and Other Matrix Remodeling Proteins Identified by Bioinformatics Analysis as Hub Genes Involved in Gastric Cancer Progression and Prognosis.	Int J Mol Sci. 2022 Mar 16;23(6):3214. doi: 10.3390/ijms23063214. IF: 5,6. Q1.
9.	Chivu-Economescu M, Bleotu C, Grancea C, Chiriac D, Botezatu A, Iancu IV, Pitica I, Necula LG , Neagu A, Matei L, Dragu D, Sultana C, Radu EL, Nastasie A, Voicu O, Ataman M, Nedeianu S, Mambet C, Diaconu CC, Ruta SM.	Kinetics and persistence of cellular and humoral immune responses to SARS-CoV-2 vaccine in healthcare workers with or without prior COVID-19.	J Cell Mol Med. 2022 Feb; 26(4): 1293-1305. doi: 10.1111/jcmm.17186. IF 5,3. Q2.
10.	Chivu-Economescu M, Necula L , Matei L, Dragu D, Bleotu C, Diaconu CC.	Clinical Applications of Liquid Biopsy in Gastric Cancer.	Front Med (Lausanne). 2021 Sep 28;8:749250. doi: 10.3389/fmed.2021.749250. eCollection 2021. IF: 5,058, Q2.
11.	Denisa L Dragu, Mihaela Chivu-Economescu, Coralia Bleotu, Laura G Necula , Lilia Matei, Mihai Stoian, Carmen C Diaconu.	Establishing a mouse disease model for future studies regarding gastric anti-cancer therapies.	Romanian Biotechnological Letters, Volumul 24, 874-882, 2019. IF: 0,765. 10.25083/RBL/24.5/874.882.
12.	Ana Neagu, Cristina Mambet, Laura G Necula , Lilia Matei, Denisa L Dragu, Marius Ataman, Georgiana G Petrica-Matei, Irina Alexiu, Saviana Nedeianu, Coralia Bleotu, Mihai Stoian, Carmen C Diaconu. Romanian	Therapeutic potential of T regulatory cell manipulation: advantages and limitations.	Biotechnological Letters Volumul 25, Numărul 2, Pagini 1501-10, 2020. 10.25083/RBL/25.2/1501.1510 . IF: 0.765 (2019)



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13.	Tanase C, Popescu ID, Enciu AM, Gheorghisan-Galateanu AA, Codrici E, Mihai S, Albulescu L, Necula L , Albulescu R.	Angiogenesis in cutaneous T-cell lymphoma - proteomic approaches.	Oncol Lett. 2019 May;17(5):4060-4067. doi: 10.3892/ol.2018.9734. IF: 2,311. Q3
14.	Mambet C, Babosova O, Defour JP, Leroy E, Necula L , Stanca O, Tatic A, Berbec N, Coriu D, Belickova M, Kralova B, Lanikova L, Vesela J, Pecquet C, Saussoy P, Havelange V, Diaconu CC, Divoky V, Constantinescu SN.	Co-occurring JAK2 V617F and R1063H mutations increase JAK2 signaling and neutrophilia in MPN patients.	Blood. 2018 Dec 20;132(25):2695-2699. doi: 10.1182/blood-2018-04-843060. IF: 16.601. Q1.
15.	Mambet C, Necula L , Mihai S, Matei L, Bleotu C, Chivu-Economescu M, Stanca O, Tatic A, Berbec N, Tanase C, Diaconu CC.	Increased Dkk-1 plasma levels may discriminate disease subtypes in myeloproliferative neoplasms.	J Cell Mol Med. 2018 Aug;22(8):4005-4011. doi: 10.1111/jcmm.13753. IF: 4,658. Q1.
16.	Pop S, Enciu AM, Necula LG , Tanase C.	Long non-coding RNAs in brain tumours: Focus on recent epigenetic findings in glioma.	J Cell Mol Med. 2018 Oct;22(10):4597-4610. doi: 10.1111/jcmm.13781. IF: 4.658. Q1.
17.	Chivu-Economescu M, Dragu DL, Necula LG , Matei L, Enciu AM, Bleotu C, Diaconu CC.	Knockdown of KRT17 by siRNA induces antitumoral effects on gastric cancer cells.	Gastric Cancer. 2017 Nov;20(6):948-959. doi: 10.1007/s10120-017-0712-y. IF: 5,045. Q1.
18.	Tanase CP, Neagu AI, Necula LG , Mambet C, Enciu AM, Calenic B, Cruceru ML, Albulescu R.	Cancer stem cells: Involvement in pancreatic cancer pathogenesis and perspectives on cancer therapeutics,	World Journal of Gastroenterology, 2014, 20(31):10790-10801. doi: 10.3748/wjg.v20.i31.10790. IF: 2.369. Q3.
19.	Tanase C, Albulescu R, Codrici E, Popescu ID, Mihai S, Enciu AM, Cruceru ML, Popa AC, Neagu AI, Necula LG , Mambet C, Neagu M.	Circulating biomarker panels for targeted therapy in brain tumors.	Future Oncol 2015; 11(3):511-524. doi: 10.2217/fon.14.238. IF: 2,129. Q3
20.	Dragu DL, Necula LG , Bleotu C, Diaconu CC, Chivu-Economescu M.	Therapies targeting cancer stem cells: Current trends and future challenges.	World J Stem Cells. 2015 Oct 26;7(9):1185-201. doi: 10.4252/wjsc.v7.i9.1185.WOS:000211115300003
21.	Tanase C., Albulescu R., Codrici E., Calenic B., Popescu I.D., Mihai S., Necula L. , Cruceru M.L., Hinescu M.E.	Decreased expression of APAF-1 and increased expression of Cathepsin B in invasive pituitary adenoma,	OncoTargets and Therapy, 2014, 22;8:81-90. doi: 10.2147/OTT.S70886. IF: 2,311. Q2.



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22.	Albulescu R, Codrici E, Popescu ID, Mihai S, Necula LG , Petrescu D, Teodoru M, Tanase CP.	Cytokine patterns in brain tumour progression.	Mediators Inflamm. 2013;2013:979748. doi: 10.1155/2013/979748. IF: 2,417. Q3.
23.	Erno Duda, Elena Codrici, Daniela Ionela Popescu, Laura Necula , Radu Albulescu.	Protein Biomarkers in Cancers of the Digestive Tract a Step Towards Personalized Medicine.	Current Proteomics, 2013, 10, 228-23610. doi: 10.2174/157016461131003000 5. IF: 0.44. Q4
24.	Diaconu C. Carmen, Neagu I. Ana, Lungu Razvan, Tardei Gratiela, Alexiu Irina, Chivu Economescu Mihaela, Bleotu Coralia, Bumbacea S. Roxana, Aldea Ioana, Matei Lilia, Dragomir Necula Laura , Pele Irina, Dragu Denisa, Stancu I Cosmin, Nastasie Alina, Ataman Marius, Bumbacea Dragos.	Regulatory T lymphocytes in evaluation of the local protective cellular immune response to Mycobacterium tuberculosis in Romanian patients.	Romanian Biotechnological Letters, Volume17, Issue1, Page 6862-6868, Published JAN-FEB 2012. WOS:000301704600002. IF: 0,363. Q4.
25.	Coralia Bleotu, Anca Botezatu, Cristina Goia, Demetra Socolov, Laura Dragomir , Elena Popa, F Cornișescu, S Telesman, Gabriela Anton.	hTERT expression as a potential diagnostic marker.	Romanian Biotechnological Letters 2010, 15(1): 4922-4930. (ISSN 1224 – 5984). IF: 0.219. Q4.
26.	Mihaela Chivu Economescu, Laura G. Necula , Denisa Dragu, Liviu Badea, Simona O. Dima, Stefan Tudor, Anca Nastase, Irinel Popescu, Carmen C. Diaconu.	Identification of potential biomarkers for early and advanced gastric adenocarcinoma detection,	Hepato-Gastroenterology 2010 Nov-Dec;57(104):1453-64. (ISSN: 0172-6390). IF: 0.677. Q4.
27.	Mihaela Chivu, Simona O. Dima, Cosmin I. Stancu, Camelia Dobrea, Valentina Uscatescu, Laura G. Necula , Coralia Bleotu, Cristiana Tanase, Radu Albulescu, Carmen Ardeleanu, Irinel Popescu.	In vitro hepatic differentiation of human bone marrow mesenchymal stem cells under differential exposure to liver-specific factors.	Translational Research 2009 Sep;154(3):122-32. doi: 10.1016/j.trsl.2009.05.007. IF: 2,062. Q1.

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Semnătura CANDIDATULUI