

CURRICULUM VITAE

DATE PERSONALE

Nume de familie, Prenume: Neagu, Teodora Monica

Identificator unic al cercetătorului: EX2006C156206, ORCID ID 0000-0001-9339-2805, Brainmap ID U-1700-033W-9654, Scopus Author ID: 7006911336, ResearcherID: C-3240-2011, URL pentru site-ul web: www.ivb.ro Publons <https://publons.com/researcher/1196802/monica-neagu/> https://www.researchgate.net/profile/Monica_Neagu <https://unibuc.academia.edu/MonicaNeagu> <https://scholar.google.com/citations?user=SiAtlYAAAAJ&hl=en>

• Educație și calificări principale

16 mai 1996 Doctorat Academia Română de Științe

15 iunie 1985 Master, Facultatea de Biologie, Universitatea din București, România

15 septembrie 2014 Coordonator de doctorat, Școala Doctorală, Universitatea din București, România

• Funcții curente

2000 – Șef al Laboratorului de Imunobiologie, Institutul Național de Patologie Victor Babeș, București, România

2014 – Coordonator de doctorat în Imunologie, Facultatea de Biologie, Școala Doctorală, Universitatea din București, România

2017 – Cercetător grad I, Departmentul de Patologie, Spitalul Colentina București, Romania

• Poziții anterioare

1987-1993 Cercetător, doctorand la Institutul Național de Microbiologie și Imunologie „Cantacuzino”, Splaiul Independenței 103, București, România

1993-2000 Cercetător Institutul Național de Patologie Victor Babeș, București, România

REALIZĂRI ÎN CERCETARE

Realizări în cercetare

În timpul studiilor mele de doctorat în 1992 la Sandoz Research and Development Laboratories Ltd (acum Novartis) în Basel, Elveția, am lucrat sub supravegherea Profesorului Luciano Adorini. În domeniul imunomodulării, atât in vitro, cât și in vivo, am demonstrat pentru prima dată că administrarea de peptide care acționează ca antagoniști ai MHC de clasa II poate inhiba inducerea anticorpilor în răspunsurile imune T-dependente primare și secundare. Astfel, antagoniștii MHC de clasa II au potențialul de a induce imunodepresie selectivă în bolile autoimune, cum ar fi miastenia gravis, unde autoanticorpii joacă un rol direct în patogeneză. Rezultatele inițiate de munca mea în laboratorul Profesorului Adorini au avansat în continuare abordarea tolerogenică în terapiile bolilor autoimune [1].

În Institutul Național de Patologie Victor Babeș din București, am condus peste zece proiecte naționale și internaționale în ultimul deceniu, axate pe descoperirea de biomarkeri în cancerul de piele. În prezent, sunt membru al comitetului de management pentru mai multe acțiuni COST, inclusiv CA16120 – Rețeaua Europeană de Epitranscriptomică (EPITRAN), CA18125 - Inginerie Avansată și Cercetare a AeroGelurilor pentru Mediu și Științele Vieții (AEROGELS), CA18127 - Consorțiul Internațional Nucleom (INC), CA21108 - Rețeaua Europeană pentru Ingineria și Modelarea Pielii (NetSkinModels), CA21135 – Modelarea Răspunsului și Toxicității la Imunoterapie în Cancer (IMMUNO-model), ECO-AEROGELS - CIG18125 și, cel mai recent, COST CA24138 Rețeaua EU-Resolution Biology (EU-RESOLVE).

Colaborări internaționale pe care le-am condus includ NATO SfP 982838/2007, proiect care s-a concentrat pe dezvoltarea unui nou imunotest pentru detectarea timpurie a infecțiilor bacteriene amenințătoare, precum și diverse parteneriate bilaterale cu Universitatea din Atena, Academia de Științe din Beijing și Universitatea din Salerno, investigând activitatea de vindecare și imunomodulatoare a noilor formulări gelifiante in situ. Am activat ca expert principal în studii clinice internaționale, cum ar fi studiul LOR/VIR/PO3/002 desfășurat de compania Lorus în Canada. Acest studiu de fază III, dublu-orb, multicentric și randomizat, a implicat pacienți fara terapie diagnosticati cu cancer pancreatic local avansat sau metastatic și a avut ca scop compararea unei terapii combinate cu Virulizin® plus Gemcitabină împotriva unui placebo plus Gemcitabină; terapia de linia a doua opțională poate include continuarea tratamentului cu Virulizin® sau placebo, fie singur, fie în combinație cu 5-Fluorouracil. Cercetările mele au explorat rolurile specifice ale populațiilor de celule imune în melanomul cutanat și în cancerele de piele non-melanomatoase, conducând la descoperirea de noi biomarkeri și rețele imune [2]. Proiectele pe care le-am condus au stabilit corelații între date clinice, imunologice și imunohistochimice, îmbunătățind astfel managementul cancerelor de piele și promovând medicina personalizată. Am dezvoltat și ulterior am introdus testele serice S100 și MIA pentru evaluarea clinică a pacienților cu melanom ca indicatori ai progresiei clinice [3-5].

Pe parcursul dezvoltării proiectulelor, au fost depuse brevete legate de tumorigeneza pielii, inclusiv cele care au dezvoltat clone de celule tumorale ale pielii destinate dezvoltării modelelor animale și studii suplimentare privind baza moleculară a tumorigenezei [6,7]. Sunt co-inventator al mai multor brevete pentru noi fotosensibilizatoare implementate în terapia fotodinamică pentru cancerele de piele, pentru care am primit multiple premii internaționale,

inclusiv Medalia de Aur la Brussels Innova 2008, Premiul Special al lui Rudy Demotte, Ministru-Președinte al Guvernului Valon la Brussels Innova 2008, Medalia de Aur la cea de-a 37-a Expoziție Internațională de Invenții de la Geneva 2009, Medalia de Aur EYReC la EUROINVENT 2013 și o Diplomă de la Fundația Haller Pro Inventio la EUROINVENT 2013. Mai recent, în domeniul tumorigenței cutanate, echipa mea și cu mine am dezvoltat un flux de testare genetică pentru pacienții cu melanom pentru a identifica mutații noi ce pot fi tratate tintit, folosind droplet digital PCR [8].

Ca cercetător la Spitalul Colentina, am fost implicat direct în prima linie în timpul pandemiei COVID-19, lucrând cu pacienți infectați cu SARS-CoV-2 și realizând teste imune pentru a monitoriza evoluția lor clinică. Studiile noastre au fost printre primele publicate la nivel național care au investigat parametrii imuni, și am fost primii care au identificat implicarea răspunsurilor mediate de IgA post-vaccinare și post-infecție la nivel internațional [9,10].

Am publicat peste 200 de lucrări ISI (primind peste 50 de premii naționale pentru lucrări în clasamentul Q1), 164 de comunicări și lucrări în alte baze de date și 30 de cărți și capitole de cărți cu edituri naționale și internaționale. Publications au acumulat peste 6,000 citari, rezultând un H index de 42 (Web of Science) și 45 (Google Scholar).

Publicații selectate care susțin realizările narrative

1 Selective immunosuppression by administration of major histocompatibility complex class II-binding peptides. II.Preventive inhibition of primary and secondary in vivo antibody responses JC Guéry, M Neagu, G Rodriguez-Tarduchy, L Adorini Journal of Experimental Medicine, vol. 177 (5), pp.1461-1468. (1993) DOI: 10.1084/jem.177.5.1461. citari 22

2 Immune Parameters in The Prognosis and Therapy Monitoring of Cutaneous Melanoma Patients: Experience, Role, and Limitations, M Neagu, C Constantin, S Zurac BioMed Research International, 107940 DOI:10.1155/2013/107940 (2013). Citari 66

3 Biomarkers of Metastatic Melanoma M Neagu, C Constantin, G Manda, I Margaritescu Biomarkers in Medicine, 71-89 (2009) DOI: 10.2217/1752036.3.1.71. citari 27

4 Serum Markers in Skin Melanoma – Preliminary Study, G Dumitrașcu, C Constantin, G Manda, S Hristescu, I Mărgaritescu, D Chiriță, M Neagu, Romanian Archives of Microbiology and Immunology, 2009, vol. 68, no. 3, 125-135. (2009). Citari 4.

5 Statistical correlations between peripheral blood lymphocyte subpopulations and tumor inflammatory infiltrate in stage I of skin melanoma, M Costache, M Neagu, A Petrescu., C Constantin, G, Manda., C.D Vrabie, M Waller, CS Petrescu, O Simionescu, Romanian Journal of Morphology and Embryology, 51(4), 693–699 (2010). Citari 4

6 PATENT: Tumour Cell Clone Obtained From Chemically Induced Murine Carcinogenesis Model, C Constantin, M Neagu, B Marinescu, S Zurac. OSIM:RO131985-A0, /21.09.2016

7 PATENT: Tumour Cell Clone Isolated From A Rare Cutaneous Tumour Developed On A Blue Nevus, S Zurac M Neagu, C Constantin, OSIM:A100365/24.06.2021

8 Assessment of RAS-RAF-MAPK Pathway Mutation Status in Healthy Skin, Benign Nevus, and Cutaneous Melanomas: Pilot Study Using Droplet Digital PCR, EG Dobre, Nichita., C Popp, S Zurac, M Neagu, Int. J. Mol. Sci., 25, 2308, DOI: 10.3390/ijms25042308, (2024). Citari 5

9 Immunogenicity evaluation after BNT162b2 booster vaccination in healthcare workers. S Zurac, C Vladan, O Dinca, C Constantin, M Neagu Scientific Reports 26;12(1):12716 (2022) DOI: 10.1038/s41598-022-16759-2. Citari 9.

10 COVID-19 vaccination and IgG and IgA antibody dynamics in healthcare workers, S Zurac, L Nichita, B Mateescu, C Mogodici, A Bastian, C, Popp, M Cioplea, C Socoliu, C Constantin, M Neagu Molecular Medicine Reports 24(2) 578 (2021), DOI: 10.3892/mmr.2021.12217. Citari 39

Recunoaștere profesională

La o scară mai largă, am fost ales reprezentant al României în Comisia Celulară pentru Terapie Avansată din cadrul Agenției Europene a Medicamentului între 2010 și 2013, perioadă în care am participat la aprobarea primei terapii genice la oameni de către Comisie. Am fost invitat ca vorbitor și moderator la numeroase evenimente prestigioase, inclusiv Congresul European de Biomarkeri de la Lisabona, Portugalia (2008), al 2-lea Congres și Expoziție Anuală de Diagnostic Molecular organizat de BIT Life Sciences la Beijing, China (2009), Simpozionul Internațional de Biologie Cantitativă și Semnalizare a Citokinelor de la Engelberg, Elveția (2012) și Asociația Europeană de Dermato-Oncologie de la Atena, Grecia (2017). Participările mele includ și Simpozionul Internațional de Biologie Cantitativă și Semnalizare a Citokinelor (2017), EnviPharm în Chicago (2018), al 7-lea Simpozion privind Progresele în Imunologia Cancerului și Terapie Imună în Atena (2019), EUROTOX în Helsinki (2019), al 24-lea Congres Mondial privind Progresele în Oncologie și al 24-lea Simpozion Internațional de Medicină Moleculară în Sparta (2019), și Conferința Internațională despre Aerogeli pentru Aplicații Biomedicale și de Mediu în Santiago de Compostela (februarie 2020). În plus, am participat la al 8-lea Simpozion privind Progresele în Imunologia Cancerului și Terapie Imună în Atena (2022) și am susținut o prezentare la Centrul Internațional pentru Longevitate din Regatul Unit (aprilie 2023). În 2024, am conferențiat și am fost și membru al Comitetului de Organizare pentru Congresul European de Imunologie, prezidând sesiunea privind Extravazarea și Rezistența Imună a Cancerului la Dublin ECI 2024. Am fost lector invitat la BioRad World Tour. În 2025, am organizat a 8-a Conferință Internațională privind Imunoterapia și Imunomonitorizarea Cancerului și am fost lector

invitat. De asemenea, în 2025 am susținut o prelegere plenară invitată la EUROTOX 2025 în cadrul workshop-ului *Hot Topic Safety and Toxicology issues related to microRNA and mRNA Applications in Medical Practices*, și la întâlnirea internațională STOP Cancer, București. Din 2019, dețin funcția de Președinte ales al Societății Române de Imunologie și sunt membru al Academiei Mondiale de Științe din 2018.

În plus, activez ca evaluator internațional (EX2006C156206) pentru propuneri de proiecte EU și ca monitor extern pentru proiectele aprobate, inclusiv EIC Pathfinder, Horizon-HLTH, Horizon 2020, FP7, EuroNanoMed, FWO, ERANET, ERA-NET LAC, HRB, Centrul Național de Știință din Polonia, Round Dutch Research Agenda – Research along Routes by Consortia, Rosetrees Trust din Marea Britanie, Fundația Națională pentru Cercetare din Coreea, FWF Austrian Science Fund, Universitatea din Malta și Fundația pentru Știință din Croația.

INFORMAȚII SUPLIMENTARE

În ceea ce privește implicarea unui public mai larg, sunt voluntar la Asociația Melanom pentru Pacienți și organizez activ diverse workshop-uri și întâlniri menite să crească conștientizarea în rândul pacienților cu melanom și al familiilor acestora despre noile teste de diagnostic și medicamente și terapii recent aprobate. În spiritul creșterii implicării publicului, am oferit de asemenea interviuri pe teme precum pandemiile (<https://www.politicidesanatate.ro/pandemia-actuala-back-to-the-future/>) și menținerea unui sistem imunitar sănătos (www.politicidesanatate.ro). Recent am publicat într-un volum dedicat noilor tehnologii la Editura Viata Medicala un capitol dedicat testării mutațiilor din melanomul cutanat cu ajutorul tehnologiei droplet digital PCR.

Ca și coordonator de doctorat, am ghidat numeroși studenți în realizarea tezelor lor de doctorat și am oferit formare în timpul studiilor lor postdoctorale; astfel, echipa mea actuală este compusă în totalitate din foștii mei doctoranzi, care sunt acum cercetători postdoctoranzi. Datorită relațiilor noastre de colaborare internațională, am găzduit studenți internaționali de doctorat pe măsură ce își finalizează lucrările de doctorat, din Universitatea din Atena, Universitatea din Cairo, Universitatea din Londra și CNR Milano. Pe lângă participarea mea extinsă la nivel național în comisiile de evaluare a doctoratelor, sunt membru al comitetului internațional de evaluare a tezelor de doctorat și fac parte din comitetele de îndrumare ale Universității de Resurse Naturale și Științe ale Vieții din Viena, Universității din Creta, Grecia, Universității din Salerno, Italia, Universidad de Vigo, Spania, și Universității din Verona.

Numar total publicatii: peste 200 (Web of Science),

Numar total de citari (fara auto-citari): >6,000 (Web of Science),

h-index: 42 (Web of science).

Alte contribuții la comunitatea de cercetare

Între 2019 și 2025, am fost clasificată în top 2% dintre oamenii de știință la nivel mondial, conform datelor Mendeley, mai exact, în „Updated Science-wide Author Databases of Standardized Citation Indicators”. În ceea ce privește contribuțiile editoriale, am făcut parte din board-urile editoriale ale mai multor reviste, inclusiv Recent Patents in Biomarkers (Bentham Science Publishers), World Journal of Methodology (ID: 02445884), South East European Journal of Immunology, Trends in Toxicology and Related Sciences, Current Biomarkers și Romanian Archives of Microbiology and Immunology.

În plus, sunt editor pentru la Journal of Immunoassay and Immunochemistry și membru al comitetului editorial pentru World Academy of Sciences și Journal of Gastrointestinal and Liver Diseases. De asemenea, dețin poziția de editor pentru Bio-interactions and Bio-compatibility în Frontiers in Biomaterials Science și sunt editor asociat pentru Journal of Cellular and Molecular Medicine. Am preluat rolul de editor principal invitat pentru mai multe numere speciale, inclusiv „Inflamația: Parte a problemei sau parte a soluției?” în Journal of Immunology Research (Hindawi Publ) în 2018 și „Capsicum: Utilizări tradiționale, compuși bioactivi și activități biologice” în 2020.

De asemenea, am editat numărul special „Mechanistic Toxicology” în Current Opinion in Toxicology (2021) și „Personalized Medicine in the Field of Inflammatory Skin Disorders” în Journal of Personalized Medicine (2021). În plus, am editat numărul special „Immune Responses to Nanomaterials for Biomedical Applications 2.0” în Nanomaterials (2022) și am contribuit ca editor invitat pentru diferite numere speciale în International Journal of Molecular Sciences și Journal of Personalized Medicine în 2022, concentrându-mă pe subiecte precum cancerul de piele și nanomaterialele pentru diagnosticarea și terapia infecțiilor virale. Cele mai recente, am fost editor invitat în 2024 pentru un număr special pe tema „Autoimunitate – Perspective noi și viitoare” în Frontiers in Immunology și în 2025 ca editor invitat în Medicina pentru numărul special Updates on the Changing Landscape of Immunotherapy and Targeted Therapy in Cancer.

Pe lângă rol meu editorial, am revizuit articole pentru peste 70 de reviste internaționale, inclusiv Scientific Reports (Nature Publishing Group), Journal of Cellular and Molecular Medicine, Journal of Experimental Medicine, Journal of Clinical Investigation, PLOS, Journal for ImmunoTherapy of Cancer și așa mai departe.

Lista 2015-2026 a articolelor ISI published papers, încadrarea în quartile, factorii de impact ISI și citările ISI ale articolelor sunt prezentate mai jos.

Quartiles for Web of Science Core Collection

Nb.	Title, Authors, Journal	IF	Citations	Quartile/ domain
1	Toll-like Receptor 7/8 Agonists Exert Antitumor Effect in a Mouse Melanoma Model. Isvoranu, G.; Surcel, M.; Enciu, A.-M.; Munteanu, A.N.; Neagu, M.; Niculae, A.M.; Chiritoiu, G.; Munteanu, C.V.A.; Chiritoiu-Butnaru, M. Medicina 2026, 62, 141. https://doi.org/10.3390/medicina62010141 .	IF=2.58		Q2 Medicina General
2	Cutaneous Melanoma in the Context of Aging. Neagu, M.; Constantin, C.; Zurac, S. Medicina 2025, 61, 2115. https://doi.org/10.3390/medicina61122115 .	IF=2.58		Q2 Medicina General
3	Methylarginine Levels in Chronic Inflammatory Skin Diseases—The Role of L-Arginine/Nitric Oxide Pathway. Matei, C.; Tampa, M.; Mitran, M.I.; Mitran, C.I.; Nicolae, I.; Ene, C.D.; Marin, A.; Rinja, E.; Dumitru, A.; Caruntu, C.; Carolina Constantin, Monica Neagu and Simona Roxana Georgescu. J. Clin. Med. 2025, 14, 7934. https://doi.org/10.3390/jcm14227934 .	IF=4.96		
4	Microbial signatures of obesity-aggravated psoriasis: insights from an imiquimod-based mouse model, Carolina Constantin, Elena-Georgiana Dobre, Paula Istvan, Adriana Munteanu, Mihaela Surcel, Gheorghita Isvoranu, Monica Neagu, Int. J. Mol. Sci. 2025, 26(16), 7697; https://doi.org/10.3390/ijms26167697	IF=4.9		Q1 Chemistry
5	Psoriasis, stem cells and obesity: metabolic exploration for therapeutics, Carolina Constantin, Elena-Georgiana Dobre, Adriana Narcisa Munteanu, Mihaela Surcel, Constantin Căruntu, Sabina Andrada Zurac, Monica Neagu, J Med Life, 2025, 18(7), 608-620. DOI 10.25122/jml-2025-0033	IF=1.61		
6	Radionuclides Landscape in Prostate Cancer Theranostics, Monica Neagu, Carolina Constantin, Mihail Eugen Hinescu, Petrisor Gabriel Bleotu, Mara-Georgiana Popovici, Maria-Iulia Zai, Klaus Michael Spohr, Int. J. Mol. Sci. 2025, 26(14), 6751; https://doi.org/10.3390/ijms26146751 .	IF=4.9		Q1 Chemistry
7	Understanding Merkel Cell Carcinoma: Pathogenic Signaling, Extracellular Matrix Dynamics and Novel Treatment Approaches. Konstantarakis, M.; Berdiaki, A.; Neagu, M.; Zurac, S.; Krasagakis, K.; Nikitovic, D. Cancers, 2025, 17, 1212. https://doi.org/10.3390/cancers17071212 .	IF=6.58.	1	Q2 Oncology
8	Rare copy number variants intersecting Parkinson's-associated genes in a cohort of children with autism spectrum disorders, Erbescu, Alina; Papuc, Sorina Mihaela; Budisteanu, Magdalena; Dobre, Maria; Iliescu, Catrinel; Hinescu, Mihail-Eugen; Arghir, Aurora; Neagu, Monica, Neuroscience Insights. 2025;20. doi:10.1177/26331055251334595,	IF=2.9		
9	Review and perspectives on the sustainability of organic aerogels, García-González, Carlos; Blanco-Vales, María; Barros, Joana ; Boccia, Antonella caterina; Budtova, Tatiana; Durães, Luisa; Erkey, Can; Gallo, Marta; Herman, Petra; Kalmár, József; Iglesias-	IF=7.1.	9	Q1 Chemistry

	Mejuto, Ana; Malfait, Wim; Zhao, Shanyu; Manzocco, Lara; Plazzotta, Stella; Milovanovic, Stoja; Neagu, Monica; Nita, Loredana Elena; Paraskevopoulou, Patrina; Roig, Anna; Simón-Vázquez, Rosana; Smirnova, Irina; Tomovic, Zeljko; López-Iglesias, Clara, ACS Sustainable Chemistry & Engineering 2025, 13,6469–6492, doi: 10.1021/acssuschemeng.4c09747.			
10	Antibodies Against Melanoma Antigens - Clinical and Therapeutical Markers. Neagu M, Constantin C, Dobre G-E, Zurac S, J Dermatol Res. 2025;6(1):1-22. https://doi.org/10.46889/JDR.2025.6105 .	IF=1.042		
11	Single-Component Starch-Based Hydrogels for Therapeutic Delivery. Pulvirenti A, Boccia AC, Constantin C, Surcel M, Munteanu A, Peteu VE, Neagu M. Molecules. 2024 Nov 20;29(22):5463. doi: 10.3390/molecules29225463.	IF=4.46,	2	Q2 Chemistry
12	Investigating EGFR, BRAF, and RAS Mutations in Oral and Cutaneous Squamous Cell Neoplasms: A Preliminary Report on Romanian Patients, Elena G. Dobre, Ana Căruntu, Adriana N. Munteanu, Mihaela Surcel, Carolina Constantin, Constantin Căruntu, Cristian Scheau, Monica Neagu, Romanian Journal of Military Medicine, vol-CXXXVII-nr-5, 2024, https://doi.org/10.55453/rjmm.2024.127.5.2 .	IF=0.1	1	
13	Extracellular Matrix Components and Mechanosensing Pathways in Health and Disease, Aikaterini Berdiaki, Monica Neagu, Petros Tzanakakis, Ioanna Spyridaki, Serge Pérez, Dragana Nikitovic, Biomolecules 2024 Sep 20;14(9):1186. doi: 10.3390/biom14091186.	IF=4.8	42	Q2 Biochemistry
14	Capsaicin: Emerging Pharmacological and Therapeutic Insights, Petran, Elena Madalina; Periferakis, Argyrios; Troumpata, Lamprini; Periferakis, Aristodemos-Theodoros; Scheau, Andreea-Elena; Badarau, Ioana Anca; Periferakis, Konstantinos; Caruntu, Ana; Savulescu-Fiedler, Ilinca; Sima, Romina-Marina; Calina, Daniela; Constantin, Carolina; Neagu, Monica; Caruntu, Constantin; Scheau, Cristian, Curr Issues Mol Biol, 2024 Jul 24;46(8):7895-7943. doi: 10.3390/cimb46080468.	IF= 3.1	35	Q3 Biochemistry
15	Hyaluronate loaded advanced wound dressing in form of in situ forming hydrogel powders: Formulation, characterization, and therapeutic potential, Chiara Amante, Monica Neagu, Giovanni Falcone, Paola Russo, Rita P. Aquino, Luigi Nicolais, Pasquale Del Gaudio, International Journal of Biological Macromolecules, Volume 274, Part 2, 2024,133192, ISSN 0141-8130, https://doi.org/10.1016/j.ijbiomac.2024.133192 .	IF=8.2	8	Q1 Polymer
16	Landscape of Endometrial Cancer: Molecular Mechanisms, Biomarkers, and Target Therapy. Bostan, I.-S.; Mihaila, M.; Roman, V.; Radu, N.; Neagu, M.T.; Bostan, M.; Mehedintu, C. Cancers 2024, 16, 2027. https://doi.org/10.3390/cancers16112027	IF=6.58	24	Q2 Oncology
17	Assessment of RAS-RAF-MAPK Pathway Mutation Status in Healthy Skin, Benign Nevi, and Cutaneous Melanomas: Pilot Study Using Droplet Digital PCR.Dobre, E.-G.; Nichita, L.; Popp, C.; Zurac, S.; Neagu, M. Int. J. Mol. Sci. 2024, 25, 2308. https://doi.org/10.3390/ijms25042308	IF=5.6.	5	Q1 Chemistry
18	Bio-Based Aerogels for the Removal of Heavy Metal Ions and Oils from Water: Novel Solutions for Environmental Remediation. Boccia, A.C.; Neagu, M.; Pulvirenti A., Gels 2024, 10, 32. https://doi.org/10.3390/gels10010032 .	IF=4.48	14	Q1 Polymers
19	Diabetic neuropathy: A NRF2 disease? Neagu M, Constantin C, Surcel M, Munteanu A, Scheau C, Savulescu-Fiedler I, Caruntu C. J Diabetes. 2024 Sep;16(9):e13524. doi: 10.1111/1753-0407.13524.	IF=4.5	16	Q2 Endocrinology
20	Updated Aspects of Safety Regulations for Biomedical Applications of Aerogel Compounds—Compendia-Like Evaluation, Neagu, M.; Pulvirenti, A.; García-González, C.A.; Simon R., Grisi, F, Boccia, A.C.; Safety 9(9):80, November 2023, DOI: 10.3390/safety9040080.	IF=1.95	10	
21	Immune Portrayal of New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Mihaela Surcel, Carolina Constantin, Adriana Narcisa Munteanu, Diana Antonia Costea, Gheorghita Isvoranu, Elena Codrici, Ionela Daniela Popescu, Cristiana Tănase, Alef Ibram, Monica Neagu, Journal of Personalized Medicine, 13(11), 1556; 2023 https://doi.org/10.3390/jpm13111556 .	IF= 3.508	3	Q2 Medicine general

22	Compendium of Safety Regulatory for Safe Applications of Aerogels, Boccia, A.C.; Pulvirenti, A.; García-González, C.A.; Grisi, F.; Neagu, M. Gels 2023, 9, 842. https://doi.org/10.3390/gels9110842 .	IF= 4.6	9	Q2 Polymers
23	Insights into Nutritional Strategies in Psoriasis, Constantin, C.; Surcel, M.; Munteanu, A.; Neagu, M. Nutrients 2023, 15, 3528. https://doi.org/10.3390/nu15163528 .	IF= 5.9	11	Q2 Nutrition
24	Hollow Particles Obtained by Prilling and Supercritical Drying as a Potential Conformable Dressing for Chronic Wounds. Sellitto, M.R.; Amante, C.; Aquino, R.P.; Russo, P.; Rodríguez-Dorado, R.; Neagu, M.; García-González, C.A.; Adami, R.; Del Gaudio, P., Gels 2023, 9, 492. doi: 10.3390/gels9060492.	IF= 4.432	7	Q2 Polymers
25	Hyaluronan and Reactive Oxygen Species Signaling—Novel Cues from the Matrix? Aikaterini Berdiaki; Monica Neagu; Ioanna Spyridaki; Andrey Kuskov; Serge Perez; Dragana Nikitovic, Antioxidants 2023, Volume 12, Issue 4, 824. Doi 10.3390/antiox12040824.,	IF=7.675	69	Q1 Chemistry
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