

CURRICULUM VITAE

INFORMAȚII PERSONALE

Nume, prenume: **Constantin, Carolina**

Pagini profesionale (de ex., ORCID, Research ID, etc.): ORCID: <https://orcid.org/0000-0002-2870-5497>;

<https://www.brainmap.ro/carolina-constantin/>; <https://www.linkedin.com/in/carolina-constantin-26668b41/>;

<https://www.researchgate.net/profile/Carolina-Constantin>

• Educație și formare

2006	Doctorat în Științe Biologice Facultatea de Biologie/Department Biochimie, Universitatea București, România;
1996-1997	Master - Facultatea de Biologie/Department Biochimie, Universitatea București, România; Specializare în Biologie Moleculară
1990-1995	Licență - Facultatea de Biologie/Department Biochimie, Universitatea București, România

• Poziții actuale

2020 - prezent	Cercetător Științific I - Institutul Național "Victor Babeș", Laborator Imunologie - România
2017 - prezent	Cercetător Științific II - Spitalul Clinic Colentina, Nucleu de Cercetare- Anatomie Patologică, România

• Poziții anterioare

2017-2020	Cercetător Științific II - Institutul Național "Victor Babeș", Laborator Imunologie - România
2004 - 2017	Cercetător Științific III - Institutul Național "Victor Babeș", Laborator Imunologie - România
1996 - 2004	Asistent de cercetare - Institutul Național "Victor Babeș", Laborator Imunologie - România

REALIZĂRI ÎN CERCETARE ȘI RECUNOAȘTERE PROFESIONALĂ

Realizări în cercetare

Interesul științific al Dr. Constantin este orientat spre biologia tumorală, cu accent pe tumorile maligne ale pielii, deoarece melanomul letal și agresiv, precum și cancerul non-melanom continuă să reprezinte o problemă majoră de sănătate la nivel mondial. În ultimii zece ani, portofoliul Dr. Constantin a acumulat studii legate de biomarkeri în patologii ale pielii, mecanisme celulare și moleculare în contextul tumoral, care ar putea deschide noi căi sofisticate de explorat în gestionarea cancerului; din 2014, munca sa s-a concretizat în peste 100 de lucrări de cercetare care abordează domeniul patologiei și oncologiei în termeni de noi biomarkeri (10 lucrări) și markeri imuni (8), cancer de piele (14), mediu tumoral (5) sau teste omice (10) etc. Activitatea științifică a Dr. Constantin subliniază faptul că o perspectivă multidimensională în detectarea și monitorizarea cancerului este obligatorie și trebuie să integreze abordări preclinice și clinice pentru descifrarea căilor complexe în diferite patologii.

Articole științifice în topicul cancer & biomarkeri

1. Neagu M, Constantin C, Zurac, S. *Cutaneous Melanoma in the Context of Aging*. Medicina 2025, 61, 2115. <https://doi.org/10.3390/medicina61122115>.
2. Constantin C, Surcel M, Munteanu A, Neagu M. *Insights into Nutritional Strategies in Psoriasis*. Nutrients. 2023 Aug 10;15(16):3528. doi: 10.3390/nu15163528.
3. Dobre EG, Surcel M, Constantin C, Ilie MA, Caruntu A, Caruntu C, Neagu M. *Skin Cancer Pathobiology at a Glance: A Focus on Imaging Techniques and Their Potential for Improved Diagnosis and Surveillance in Clinical Cohorts*. Int J Mol Sci. 2023 Jan 5;24(2):1079. doi: 10.3390/ijms24021079.
4. Georgescu SR, Mitran CI, Mitran MI, Matei C, Constantin C, Neagu M, Tampa M. *Apprising Diagnostic and Prognostic Biomarkers in Cutaneous Melanoma-Persistent Updating*. J Pers Med. 2022;12(9):1506. doi: 10.3390/jpm12091506.
5. Neagu M, Constantin C, Cretoiu SM and Zurac S. *miRNAs in the Diagnosis and Prognosis of Skin Cancer* (2020) Front. Cell Dev. Biol. 8:71. doi: 10.3389/fcell.2020.00071.

6. M Neagu, C Constantin*, M Bostan, C Caruntu, S R Ignat, S Dinescu, M Costache. *Proteomic Technology "Lens" for Epithelial-Mesenchymal Transition Process Identification in Oncology*, October 2019, Analytical Cellular Pathology (Amsterdam) 2019:1-17, 2019;2019:3565970.

Capitole de carte în topicul cancer & biomarkeri

1. Constantin, C., Neagu, M. (2023). Epigenomic Markers in Dermato-oncology Immune Landscape. In: Interdisciplinary Cancer Research. Springer, Cham. https://doi.org/10.1007/16833_2023_165
2. Neagu M, Constantin C, Garcia C, Del Gaudio P. Current Biomarkers Up-dates in toxicology. Chapter 17, 191-204, In CLINICAL BIOMARKERS UPDATES, Toxicological Risk Assessment and Multi-System Health Impacts from Exposure. 1st Edition. Published Date: 1st August 2021, Editor: Aristidis Tsatsakis; ISBN: 9780323852159, Updates on current biomarkers in toxicology - ScienceDirect
3. Neagu M, Constantin C. Signal Transduction in Immune Cells and Protein Kinases. Adv Exp Med Biol. 2021; 1275:133-149. doi: 10.1007/978-3-030-49844-3_5.

Brevete de invenție

Tumour cell clone obtained from a chemically induced skin carcinogenesis mouse model, Patent OSIM No. RO131985/30.06.2017. Co-inventors - C Constantin, M Neagu, B Marinescu, S Zurac

Recunoaștere profesională

O specializare semnificativă în Biologie Moleculară a Dr. Constantin a fost realizată la Institutul Ludwig pentru Cercetarea Cancerului, Unitatea de Transducție a Semnalului (Bruxelles), sub supravegherea Prof. Dr. Ștefan Constantinescu. Mai mult, în cadrul proiectului NATO SfP 982838/2007, cunoștințele în imunologie și biologie celulară au fost aprofundate prin specializarea în Biologie Celulară, efectuată la Universitatea din Atena, Departamentul de Biochimie și Fiziologie, sub supravegherea Prof. Ourania Tsitsilonis.

Cele 5 proiecte structurale cu fonduri UE în care am fost nominalizată ca expert tehnic pentru teste biomedicale au fost o ocazie perfectă pentru a împărtăși cu un grup țintă larg cunoștințele dobândite la nivel internațional. Așadar, experiența mea în tehnologia microarray de proteine a oferit o platformă educațională pentru cel puțin 100 de participanți la proiectele menționate. Pe lângă istoricul meu de publicații, calitatea de recenzent voluntar pentru mai multe reviste ISI mi-a arătat dificultățile în evaluarea lucrărilor de cercetare. Din 2014, am fost selectată atât pentru evaluarea proiectelor de cercetare finanțate la nivel național, cât și pentru monitorizarea de progres, a fluxului de lucru al celor finanțate. Sunt/am fost implicată în rețele internaționale de cercetare din cadrul programului Horizon 2020 ca membru al comitetului de management pentru Acțiunea COST CA18127 - Consorțiul Internațional pentru Nucleom (INC); pentru acțiunea COST CA16120 - Rețeaua Europeană de Epitranscriptomică (EPITRAN); membru supleant al comitetului de management pentru CA18125 - Inginerie Avansată și Cercetare a Aerogelurilor pentru Mediu și Științele Vieții (AEROGELS) și membru în Rețeaua Europeană CA21108 pentru Ingineria și Modelarea Pielii (NETSKINMODELS).

Speaker invitat / Moderator:

- EFIS on Tour București, 14 Noiembrie 2025
- Speaker invitat la 8th *Symposium on Advances in Cancer Immunology and Immune Therapy*, Atena, 2022;
- Moderator și membru al comitetului de organizare la *European Congress of Immunology (ECI) 2021* - MS3.1 - Mucosal Immune Response;
- Speaker invitat la 1st *OncoHub Conference, Connecting Scientists for Next Generation Cancer Management*, 2021;
- Speaker invitat *BeHEALTH 2020: International on-line Event in Healthcare* – secțiunea *Translational Medicine*
- 2020; Moderator, Speaker invitat, și membru în comitetul de organizare la *Romanian Immunology Society Conference with International participation* 2017 - prezent;
- Speaker invitat și membru al Comitetului Științific la *Primavara Dermatologica Ieșeană (PDI)- National Conference with International Participation*, 2015 - prezent.
- Din 2025: membru al comitetului de organizare la *European Congress of Immunology (ECI) 2027*

INFORMAȚII SUPLIMENTARE

Număr total de publicații: 121 (Scopus)

Număr total de citări (excluzând auto-citări): >3,600 (Scopus)

h-index: 35 (Scopus)

Pauze în carieră, traiectorii neconvenționale în carieră și evenimente majore din viață

În timpul pandemiei de COVID, am fost implicată în testarea imunității umorale la infecția cu SARS-Cov2 în probe prelevate de la pacienții de la ATI și lucrătorii medicali din Spitalul Clinic Colentina.

Alte contribuții la comunitatea de cercetare

Un reper important și nebanuit în dezvoltarea mea ca cercetător a fost activitatea desfășurată în Spitalul Clinic Colentina în timpul pandemiei de COVID-19, unde am fost implicată direct în prelevarea/procesarea probelor de la pacienții infectați internați în secția ATI. În urma acestei activități, s-au concretizat mai multe lucrări științifice legate de bazele celulare și moleculare ale imunității SARS-Cov-2, de exemplu, „*Testing Antigens, Antibodies, and Immune Cells in COVID-19 as a Public Health Topic-Experience and Outlines*” (Neagu M, Constantin C, Surcel M. Int J Environ Res Public Health. 2021 Dec 14;18(24):13173. doi: 10.3390/ijerph182413173.), „*Nano-carriers of COVID-19 vaccines: the main pillars of efficacy*” (Constantin C, Pisani A, Bardi G, Neagu M. Nanomedicine (Lond). 2021 Nov;16(26):2377-2387. doi: 10.2217/nnm-2021-0250.) etc.

Această perioadă mi-a arătat că cercetarea efectuată în domeniul biomedical este de o importanță capitală în translația rezultatelor către implementarea clinică și, nu în ultimul rând, pentru conștientizarea publicul larg privind importanța rezultatelor cercetării în situații fără precedent, cum ar fi pandemia de COVID.

Quartiles - Web of Science Core Collection

Autor: Carolina CONSTANTIN

Nb	Title, Authors, Journal	IF	Citations	Quartile/ domain
1	Cutaneous Melanoma in the Context of Aging. Neagu, M.; <u>Constantin</u> , C.; Zurac, S. Medicina 2025, 61, 2115. https://doi.org/10.3390/medicina61122115 .	IF=2.58		Q2 Medicina General
2	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 <u>Constantin</u> , Monica Neagu and Simona Roxana Georgescu J. Clin. Med. 2025, 14, 7934. https://doi.org/10.3390/jcm14227934 .	IF=4.96		
3	Microbial signatures of obesity-aggravated psoriasis: insights from an imiquimod-based mouse model, Carolina <u>Constantin</u> , 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
4	Psoriasis, stem cells and obesity: metabolic exploration for therapeutics, Carolina <u>Constantin</u> , 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		
5	Radionuclides Landscape in Prostate Cancer Theranostics, Monica Neagu, Carolina <u>Constantin</u> , 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
6	Antibodies Against Melanoma Antigens - Clinical and Therapeutical Markers. Neagu M, <u>Constantin</u> 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		
7	Single-Component Starch-Based Hydrogels for Therapeutic Delivery. Pulvirenti A, Boccia AC, <u>Constantin</u> C, Surcel M, Munteanu A, Petcu VE, Neagu M. Molecules. 2024 Nov 20;29(22):5463. doi: 10.3390/molecules29225463.	IF=4.46,	2	Q2 Chemistry
8	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 <u>Constantin</u> , Constantin Căruntu, Cristian Scheau, Monica Neagu, Romanian Journal of Military Medicine, vol-CXXVII-nr-5, 2024, https://doi.org/10.55453/rjmm.2024.127.5.2 .	IF=0.1	1	
9	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-	IF= 3.1	35	Q3 Biochemistry

	Marina; Calina, Daniela; <u>Constantin</u> , Carolina; Neagu, Monica; Caruntu, Constantin; Scheau, Cristian, Curr Issues Mol Biol, 2024 Jul 24;46(8):7895-7943. doi: 10.3390/cimb46080468.			
10	Diabetic neuropathy: A NRF2 disease? Neagu M, <u>Constantin</u> 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
11	Immune Portrayal of New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Mihaela Surcel, Carolina <u>Constantin</u> , 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
12	Insights into Nutritional Strategies in Psoriasis, <u>Constantin</u> , C.; Surcel, M.; Munteanu, A.; Neagu, M. Nutrients 2023, 15, 3528. https://doi.org/10.3390/nu15163528 .	IF= 5.9	11	Q2 Nutrition
13	Skin Cancer Pathobiology at a Glance: A Focus on Imaging Techniques and Their Potential for Improved Diagnosis and Surveillance in Clinical Cohorts. Dobre, E.-G.; Surcel, M.; <u>Constantin</u> , C.; Ilie, M.A.; Caruntu, A.; Caruntu, C.; Neagu, M Int. J. Mol. Sci. 2023, 24, 1079. https://doi.org/10.3390/ijms24021079 .	IF=5.542	35	Q2 Biochemistry
14	Langerhans Cells-Revising Their Role in Skin Pathologies, Neagu, Monica; <u>Constantin</u> , Carolina; Jugulete, Gheorghita; Cauni, Victor; Dubrac, Sandrine; Szollosi, Attila Gabor; Zurac, Sabina, Journal of personalized medicine, 12(12), 2072, 2022, doi:10.3390/jpm12122072.	IF= 3.508	23	
15	Healthy Ageing Reflected in Innate and Adaptive Immune Parameters. Munteanu AN, Surcel M, Isvoranu G, <u>Constantin</u> C, Neagu M. Clin Interv Aging. 2022 Oct 13;17:1513-1526. doi: 10.2147/CIA.S375926.	IF=4.16	5	Q2 Geriatrics
16	Apprising Diagnostic and Prognostic Biomarkers in Cutaneous Melanoma—Persistent Updating. Georgescu, S.R.; Mitran, C.I.; Mitran, M.I.; Matei, C.; Constantin, C.; Neagu, M.; Tampa, M. J. Pers. Med. 2022, 12, 1506. https://doi.org/10.3390/jpm12091506 .	IF= 3.508	5	
17	Immunogenicity evaluation after BNT162b2 booster vaccination in healthcare workers. Zurac S, Vladan C, Dinca O, <u>Constantin</u> C, Neagu M. Sci Rep. 2022 Jul 26;12(1):12716. doi: 10.1038/s41598-022-16759-2.	IF= 4.543	9	Q2 Multidisciplinary sciences
18	Skin Cancer Research Goes Digital: Looking for Biomarkers within the Droplets, Elena-Georgiana Dobre, Carolina <u>Constantin</u> , Monica Neagu, J. Pers. Med. 2022, 12(7), 1136; https://doi.org/10.3390/jpm12071136 .	IF= 3.508	10	
19	Matrix effectors in the pathogenesis of keratinocyte-derived carcinomas, Rafaela-Maria Kavasi, Monica Neagu, Carolina <u>Constantin</u> , Adriana Munteanu, Mihaela Surcel, Aristidis Tsatsakis, George N Tzanakakis and Dragana Nikitovic, Frontiers in Medicine-Dermatology, 9, 2022, DOI 10.3389/fmed.2022.879500.	IF=4.47	15	Q2 Medicine general
20	Effectiveness of Platelet-Rich Plasma Therapy in Androgenic Alopecia—A Meta-Analysis, Simona Roxana Georgescu, Andreea Amuzescu, Mircea Tampa, Cristina Mitran, Madalina Mitran, Carolina <u>Constantin</u> ,	IF=4.94	24	

	Monica Neagu, J. Pers. Med. 2022, 12, 342. https://doi.org/10.3390/jpm12030342 .,			
21	Persistent Changes of Peripheral Blood Lymphocyte Subsets in Patients with Oral Squamous Cell Carcinoma, Ana Caruntu; Liliana Moraru; Mihaela Surcel; Adriana Munteanu; Daniel Octavian, Costache; Cristiana Tanase; Carolina <u>Constantin</u> ; Cristian Scheau; Monica Neagu; Constantin Caruntu, Healthcare 2022, 10, 342. https://doi.org/10.3390/healthcare10020342 .	IF=2.64	27	Q4 Healthcare
22	Testing antigens, antibodies, and immune cells in COVID-19 as a public health topic – experience and outlines, Monica Neagu, Carolina <u>Constantin</u> , Mihaela Surcel, Int J Env Res Public Health, 2021 18, 13173-13189.	IF=2.46	8	
23	Safety and efficacy assessment of aerogels for biomedical applications, Tânia Ferreira-Gonçalves, Carolina <u>Constantin</u> , Monica Neagu, Catarina Pinto Reis, Firouzeh Sabri and Rosana Simón-Vázquez, Biomed & Pharmacoth, 2021 144:112356. doi: 10.1016/j.biopha.2021.112356.	IF=6.53	61	Q2 Medicine Reserach&Experimental
24	Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients, Ana Caruntu, Liliana Moraru, Mihaela Surcel, Adriana Munteanu, Cristiana Tanase, Carolina <u>Constantin</u> , Sabina Zurac, Constantin Caruntu and Monica Neagu, Anal. Cell Pathol, 2021, Article ID 2328218 https://doi.org/10.1155/2021/2328218 .	IF=2.91	17	Q3 Pathology
25	Nano-carriers of COVID-19 vaccines – main pillars of efficacy, Carolina <u>Constantin</u> , Anissa Pisani, Giuseppe Bardi, Monica Neagu, Nanomedicine 2021, 16(26):2377-2387, https://doi.org/10.2217/nnm-2021-0250 .	IF=5.30	13	Q2 Biotechnology
26	Interrogating epigenome toward personalized approach in cutaneous melanoma, Elena-Georgiana Dobre, Carolina <u>Constantin</u> , Marieta Costache, Monica Neagu, J. Pers. Med. 2021, 11, 901. https://doi.org/10.3390/jpm11090901 .	IF=4.94	11	Q2 Medicine General
27	Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome. Surcel, M.; Munteanu, A.; Isvoranu, G.; Ibram, A.; Caruntu, C.; <u>Constantin</u> , C.; Neagu, M, J. Pers. Med. 2021, 11, 841. https://doi.org/10.3390/jpm11090841 .	IF=4.94	9	Q2 Medicine General
28	Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma Mihai-Daniel Dumitrache, [...] Carolina <u>Constantin</u> , Monica Neagu, Constantin Caruntu, Exp Ther Med 2021, 22(3): 917. DOI: 10.3892/etm.2021.10349.	IF=2.44	30	Q4 Medicine Reserach&Experimental
29	COVID 19 vaccination and IgG and IgA antibody dynamics in healthcare workers, Sabina Zurac, Luciana Nichita, Bogdan Mateescu, Cristian Mogodici, Alexandra Bastian, Cristiana Popp , Mirela Cioplea, Claudiu Socoliu, Carolina <u>Constantin</u> , Monica Neagu Mol Med Rep, 2021 Aug;24(2):578 doi: 10.3892/mmr.2021.12217.	IF=2.95	39	Q4 Medicine Reserach&Experimental
30	Current Perspectives on the Role of Matrix Metalloproteinases In the Pathogenesis of Basal Cell Carcinoma. Tampa M, Georgescu Sr, Mitran Mi, Mitran Ci, Matei C, Caruntu A, Scheau C, Nicolae I, Matei A, Caruntu C, <u>Constantin</u> C, Neagu M. Biomolecules. 2021; 11(6):903. https://doi.org/10.3390/Biom11060903 .	IF=4.87	39	Q2 Biochemistry&Molecular Biology

31	Neuroendocrine factors in melanoma pathogenesis, Cristian Scheau, Carmen Draghici, Mihaela Adriana Ilie, Mihai Lupu, Iulia Solomon, Mircea Tampa, Simona Roxana Georgescu, Ana Caruntu, Carolina <u>Constantin</u> , Monica Neagu, Constantin Caruntu, Cancers, 2021 13(9), 2277; https://doi.org/10.3390/cancers13092277 .	IF=6.63	28	Q2 Oncology
32	Back to basics in COVID-19: antigens and antibodies – Completing the puzzle, Monica Neagu, Daniela Calina, Anca Oana Docea, Carolina <u>Constantin</u> , Tommaso Filippini, Marco Vinceti, Nikolaos Drakoulis, Konstantinos Poulas, Taxiarchis Konstantinos Nikolouzakakis, Demetrios A. Spandidos, Aristidis Tsatsakis, J Cell Mol Med, 2021, 25 (10): 4523-4533, https://doi.org/10.1111/jcmm.16462 .	IF=5.31	37	Q3 Medicine Reserach&Exp erimental
33	The Effects of Capsaicin on Gastrointestinal Cancers, George Denis Alexandru Popescu, Cristian Scheau, Ioana Anca Badarau, Mihai-Daniel Dumitrache, Ana Caruntu, Andreea-Elena Scheau, Daniel Octavian Costache, Raluca Simona Costache, Carolina <u>Constantin</u> , Monica Neagu, Constantin Caruntu, Molecules 2021, 26, 94. https://doi.org/10.3390/molecules26010094 .	IF=4.41	45	Q2 Chemistry multidisciplina ry
34	Adverse outcome pathway in immunotoxicity of perfluoroalkyls. Monica Neagu, Carolina <u>Constantin</u> , Giuseppe Bardi, Luisa Duraes Current Opinion in Toxicology. Volume 25, 2021, Pages 23-29, ISSN 2468-2020, https://doi.org/10.1016/j.cotox.2021.02.001	IF=3.84	19	
35	Recent advances in signaling pathways comprehension as carcinogenesis triggers in basal cell carcinoma, Mircea Tampa, Simona Roxana Georgescu, Cristina Iulia Mitran, Madalina Irina Mitran, Clara Matei, Cristian Scheau, Carolina <u>Constantin</u> , Monica Neagu, J Clin Med, 2020 9(9), 3010; https://doi.org/10.3390/jcm9093010 .	IF=4.24	24	Q2 Medicine, general
36	IgY turning the page toward passive immunization in COVID-19 infection Carolina <u>Constantin</u> , Monica Neagu, Teodora Supeanu, Viorica Chiurciu, Demetrios Spandidos Exp Ther Med 2020, 20(1):151-158. https://www.spandidos-publications.com/10.3892/etm.2020.8704 .	IF=2.44	38	Q3 Medicine, Research&Exp erimental
37	Computational Models Using Multiple Machine Learning Algorithms for Predicting Drug Hepatotoxicity with the DILLrank Dataset Robert Ancuceanu, Marilena Viorica Hovanet, Adriana Iuliana Anghel, Florentina Furtunescu, Monica Neagu, Carolina <u>Constantin</u> and Mihaela Dinu Int J Mol Sci 2020, 21(6):2114, DOI: 10.3390/ijms21062114.	IF=5.924	33	Q2 Chemistry multidisciplina r
38	miRNAs in the diagnosis and prognosis of skin cancer Monica Neagu, Carolina <u>Constantin</u> , Sanda Maria Cretoiu, Sabina Zurac, Front Cell Dev Biol 2020, 8:71. https://doi.org/10.3389/fcell.2020.00071 .	IF=6.68	77	Q1 Developmental Biology
39	Rosmarinus plants: key farm concepts toward food application, Sharifi-Rad J, Ezzat SM, El Bishbishy MH, Mnayer D, Sharopov F, Kılıç CS, Neagu M, <u>Constantin</u> C, Sharifi-Rad M, Atanassova M, Nicola S, Pignata G, Salehi B, Fokou PVT, Martins N, Phytother Res, 2020, 34(7):1474-1518. doi: 10.1002/ptr.6622.	IF=5.88	30	Q2 Pharmacology &Pharmacy
40	The role of matrix metalloproteinases in the epithelial–mesenchymal transition of hepatocellular carcinoma, Cristian Scheau, Ioana Anca Badarau, Raluca Costache, Constantin Caruntu, Gratiela Livia Mihai, Andreea Cristiana Didilescu, Carolina <u>Constantin</u> , and Monica Neagu,	IF=2.91	348 highly cited	Q3 Pathology

	Anal Cell Pathol 2019, 2019, Article ID 9423907, 10 pages https://doi.org/10.1155/2019/9423907			
41	Cisplatin effect on head and neck squamous cell carcinoma cells is modulated by ERK1/2 protein kinases Marinela Bostan, Georgiana Petrică Matei, Gabriela Ion, Nicoleta Radu, Mirela Mihăilă, Răzvan Hainăroșie, Lorelei Brașoveanu, Viviana Roman, Carolina <u>Constantin</u> , Monica Neagu Exp Ther Med, 2019, 18(6):5041-5051. doi: 10.3892/etm.2019.8139.	IF=2.44	23	Q3 Medicine, Research&Experimental
42	Proteomic Technology “Lens” for Epithelial-Mesenchymal Transition Process Identification in Oncology, Monica Neagu, Carolina <u>Constantin</u> , Marinela Bostan, Constantin Caruntu, Simona Rebeca Ignat, Sorina Dinescu, Marieta Costache Anal Cell Pathol (Amsterdam) 2019, 1-17, 2019 Oct 29;2019:3565970. doi: 10.1155/2019/3565970	IF=2.91	12	Q3 Pathology
43	Genotoxic, cytotoxic, and cytopathological effects in rats exposed for 18 months to a mixture of 13 chemicals in doses below NOAEL levels, Tsatsakis A, Docea AO, <u>Constantin</u> C, Calina D, Zlatian O, Nikolouzakakis TK, Stivaktakis PD, Kalogeraki A, Liesivuori J, Tzanakakis G, Neagu M, Toxicol Lett, 2019;316:154-170. doi: 10.1016/j.toxlet.2019.09.004.	IF=4.37	70	Q2 Toxicology
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