

## CURRICULUM VITAE

### PERSONAL DETAILS

Family name, First name: **Constantin, Carolina**

Researcher unique identifier(s) (such as ORCID, Research ID, etc.): ORCID: <https://orcid.org/0000-0002-2870-5497>; <https://www.brainmap.ro/carolina-constantin/>

#### • Education and key qualifications

2006	PhD Faculty of Biology/Department of Biochemistry, University of Bucharest, Romania; specialization in Biological Sciences
1996-1997	Master - Faculty of Biology/Department of Biochemistry, University of Bucharest, Romania; Specialization in Molecular Biology
1990-1995	B. Sc. - Faculty of Biology/Department of Biochemistry, University of Bucharest, Romania

#### • Current position(s)

2020 - present	Senior Researcher I - “Victor Babes” National Institute of Pathology, Immunology Laboratory - Romania
2017 - present	Senior Researcher II - Colentina Clinical Hospital, Core Research of The Pathology Department - Romania

#### • Previous position(s)

2017-2020	Senior Researcher II - “Victor Babes” National Institute of Pathology, Immunology Laboratory - Romania
2004 - 2017	Senior Researcher III - “Victor Babes” National Institute of Pathology, Immunology Laboratory - Romania
1996 - 2004	Assistant Researcher - “Victor Babes” National Institute of Pathology, Immunology Laboratory - Romania

## RESEARCH ACHIEVEMENTS AND PEER RECOGNITION

### Research achievements

Dr Constantin’s scientific course is directed toward tumor biology with focus on skin malignancies, as lethal and aggressive melanoma and non-melanoma cancers continue to represent a major health concern worldwide. In the last ten years, Dr Constantin portfolio comprises studies related to disease biomarkers, cellular and molecular traits in tumor context that could open new sophisticated avenues to be explored in cancer management; since 2014 her work took shape *in over 100 research papers* approaching pathology and oncology field in terms of novel biomarkers (10 papers) and immune markers (8), skin cancers (14), tumor milieu (5) or omics assays (10) etc. Dr Constantin work underlines that a multi-dimensional insight in cancer detection and monitoring is mandatory, and must integrate preclinical and clinical approaches for deciphering health and diseases intricate pathways.

#### **Articles in the cancer & biomarkers topic**

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.

#### **Book chapters in the cancer & biomarkers topic**

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](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.

#### **Patents**

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

#### **Peer recognition**

A significant specialization in Molecular Biology was performed in Ludwig Institute for Cancer Research, Signal Transduction Unit (Bruxelles) under the supervision of Prof. Dr. Stefan Constantinescu. Moreover, in the frame of NATO SfP 982838/2007 project the Cellular Biology specialization performed at the University of Athens, Biochemistry and Physiology Department under the supervision of Prof. Ourania Tsitsilonis deepened the acquired knowledge in immunology and cellular biology. The 5 EU structural projects in which I have been nominated as technical expert in biomedical assays was a perfect occasion to share the internationally acquired knowledge. So, my teaching experience in protein microarray technology furnished an educational platform for at least 100 attendees in the mentioned projects. Besides my publication tracking record, being a volunteer reviewer for several ISI journals has shown me the difficulties in research papers evaluation. Since 2014 I have been selected for both evaluation of nationally funded research projects and monitoring the workflow of the funded ones. Currently I am involved in international research networks within Horizon 2020 as management committee member for COST Action CA18127 - *International Nucleome Consortium* (INC); for COST action CA16120 - *European Epitranscriptomics Network* (EPITRAN); alternate member of the management committee for CA18125 - *Advanced Engineering and Research of Aerogels for Environment and Life Sciences* (AEROGELS) and member in CA21108 *European Network for Skin Engineering and Modeling* (NETSKINMODELS).

*Invited speaker / Moderator:*

- EFIS on Tour Bucharest, 14 November 2025
- Invited speaker at 8<sup>th</sup> *Symposium on Advances in Cancer Immunology and Immune Therapy*, Athens, 2022;
- Moderator and organizer at *European Congress of Immunology (ECI) 2021 - MS3.1 - Mucosal Immune Response*;
- Invited speaker 1<sup>st</sup> *OncoHub Conference, Connecting Scientists for Next Generation Cancer Management*, 2021;
- Invited speaker *BeHEALTH 2020: International on-line Event in Healthcare – Translational Medicine* section, 2020; Moderator, Invited speaker, moderator, and organizer at *Romanian Immunology Society Conference with International participation* 2017 - present;
- Invited speaker and member of the Scientific Committee at *Primavara Dermatologica Ieseana* (PDI)- National Conference with International Participation, 2015-present.
- 2025: organizer committee member for *European Congress of Immunology (ECI) 2027*

#### **ADDITIONAL INFORMATION**

Total number of publications: 121 (Scopus)

Total number of citations (excluding self-citations): >3,600 (Scopus)

h-index: 35 (Scopus)

#### **Career breaks, unconventional career paths and major life events**

During the COVID pandemic, I was involved in testing the humoral immunity to SARS-Cov2 infection of samples from ICU patients and healthcare workers in Colentina Clinical Hospital.

#### **Other contributions to the research community**

Another corner stone in my development as a researcher was the work performed in the Colentina Clinical Hospital during COVID-19 pandemics, where I have been directly involved in infected sampling/processing from ICU patients. As a result, several papers related to cellular and molecular basis of SARS-Cov-2 immunity, have emerged e.g., *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. This period has shown me that the research done in the biomedical field is of outmost importance in the translation of the results to the clinical implementation and last but not least we must make the general public aware of the importance of research results in unprecedented situations like the COVID pandemic.

Quartiles for Web of Science Core Collection

Author: 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. <a href="https://doi.org/10.3390/medicina61122115">https://doi.org/10.3390/medicina61122115</a> .	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. <a href="https://doi.org/10.3390/jcm14227934">https://doi.org/10.3390/jcm14227934</a> .	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; <a href="https://doi.org/10.3390/ijms26167697">https://doi.org/10.3390/ijms26167697</a>	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; <a href="https://doi.org/10.3390/ijms26146751">https://doi.org/10.3390/ijms26146751</a> .	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. <a href="https://doi.org/10.46889/JDR.2025.6105">https://doi.org/10.46889/JDR.2025.6105</a> .	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, <a href="https://doi.org/10.55453/rjmm.2024.127.5.2">https://doi.org/10.55453/rjmm.2024.127.5.2</a> .	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 <a href="https://doi.org/10.3390/jpm13111556">https://doi.org/10.3390/jpm13111556</a> .	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. <a href="https://doi.org/10.3390/nu15163528">https://doi.org/10.3390/nu15163528</a> .	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. <a href="https://doi.org/10.3390/ijms24021079">https://doi.org/10.3390/ijms24021079</a> .	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.; <u>Constantin</u> , C.; Neagu, M.; Tampa, M. J. Pers. Med. 2022, 12, 1506. <a href="https://doi.org/10.3390/jpm12091506">https://doi.org/10.3390/jpm12091506</a> .	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; <a href="https://doi.org/10.3390/jpm12071136">https://doi.org/10.3390/jpm12071136</a> .	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. <a href="https://doi.org/10.3390/jpm12030342">https://doi.org/10.3390/jpm12030342</a> .,			
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. <a href="https://doi.org/10.3390/healthcare10020342">https://doi.org/10.3390/healthcare10020342</a> .	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   <a href="https://doi.org/10.1155/2021/2328218">https://doi.org/10.1155/2021/2328218</a> .	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, <a href="https://doi.org/10.2217/nnm-2021-0250">https://doi.org/10.2217/nnm-2021-0250</a> .	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. <a href="https://doi.org/10.3390/jpm11090901">https://doi.org/10.3390/jpm11090901</a> .	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. <a href="https://doi.org/10.3390/jpm11090841">https://doi.org/10.3390/jpm11090841</a> .	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. <a href="https://doi.org/10.3390/Biom11060903">https://doi.org/10.3390/Biom11060903</a> .	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; <a href="https://doi.org/10.3390/cancers13092277">https://doi.org/10.3390/cancers13092277</a> .	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 Nikolouzakis, Demetrios A. Spandidos, Aristidis Tsatsakis, J Cell Mol Med, 2021, 25 (10): 4523-4533, <a href="https://doi.org/10.1111/jcmm.16462">https://doi.org/10.1111/jcmm.16462</a> .	IF=5.31	37	Q3 Medicine Reserach&Experimental
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. <a href="https://doi.org/10.3390/molecules26010094">https://doi.org/10.3390/molecules26010094</a> .	IF=4.41	45	Q2 Chemistry multidisciplinary
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, <a href="https://doi.org/10.1016/j.cotox.2021.02.001">https://doi.org/10.1016/j.cotox.2021.02.001</a>	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; <a href="https://doi.org/10.3390/jcm9093010">https://doi.org/10.3390/jcm9093010</a> .	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. <a href="https://www.spandidos-publications.com/10.3892/etm.2020.8704">https://www.spandidos-publications.com/10.3892/etm.2020.8704</a> .	IF=2.44	38	Q3 Medicine, Research&Experimental
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 multidisciplinary
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. <a href="https://doi.org/10.3389/fcell.2020.00071">https://doi.org/10.3389/fcell.2020.00071</a> .	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 <a href="https://doi.org/10.1155/2019/9423907">https://doi.org/10.1155/2019/9423907</a>			
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 C</u> , Calina D, Zlatian O, Nikolouzakis 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
44	Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures, Antonio F. Hernandez, Aleksandra Buha, Carolina <u>Constantin</u> , David R. Wallace, Dimosthenis Sarigiannis, Monica Neagu, Biljana Antonijevic, A. Wallace Hayes, Martin F. Wilks, Aristidis Tsatsakis, Arch Toxicol, 2019, 93(10): 2741–2757, <a href="https://doi.org/10.1007/s00204-019-02547-x">https://doi.org/10.1007/s00204-019-02547-x</a> .	IF=5.15	83	Q1 Toxicology
45	Capsaicin: Physicochemical properties, cutaneous reactions and potential applications in painful and inflammatory conditions Ilie MA, Caruntu C, Tampa M, Georgescu SR, Matei C, Negrei C, Ion RM, <u>Constantin C</u> , Neagu M, Boda D Exp Ther Med. 2019, 18(2):916-925. doi:10.3892/etm.2019.7513.	IF=2.44	101	Q3 Medicine, Research&Experimental
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