

CURRICULUM VITAE

PERSONAL DETAILS

Family name, First name: **Surcel, Mihaela**

Researcher unique identifier(s): ORCID ID 0000-0001-5163-4378

- **Education and key qualifications**

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|-------------|---|
| 08/03/2021 | PhD thesis defence
“Immunological investigation of inflammatory syndrome associated to autoimmune and malignant cutaneous diseases (psoriasis, cutaneous melanoma)” (Ministry of Education Order no.3461/08.03.2021) |
| 2018 - 2020 | PhD student
Doctoral School of Biology, Faculty of Biology, University of Bucharest, Romania
PhD Supervisor: Senior Researcher PhD Monica Neagu |
| 1988 - 1994 | Chemist
Department of Organic Chemistry, Faculty of Chemistry, Politechnica University of Bucharest, Romania |

- **Current position(s)**

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| 2024 - present | Senior Researcher II
Victor Babes National Institute of Pathology, Bucharest, Romania |
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- **Previous position(s)**

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| 2006 - 2024 | Senior Researcher III
Victor Babes National Institute of Pathology, Bucharest, Romania |
| 1999 - 2006 | Researcher
Victor Babes National Institute of Pathology, Bucharest, Romania |
| 1994 - 1999 | Research Assistant
Victor Babes National Institute of Pathology, Bucharest, Romania |

RESEARCH ACHIEVEMENTS AND PEER RECOGNITION

Research achievements

Main research topics: cellular and humoral immune parameters analysis, biomarker discovery in cancer and autoimmune diseases. Dr. Surcel defended her PhD thesis “Immunological investigation of the inflammatory syndrome in autoimmune and malignant skin pathology (psoriasis, cutaneous melanoma)” in 2020 and the main objective of the doctoral project consisted in the characterization of the inflammatory pattern in psoriasis and cutaneous melanoma by evaluating the cellular immune status, for both human casuistry and murine experimental models, in order to highlight the immune disorders associated with these pathologies. During doctoral studies, the scientific results were published in 8 papers (6 ISI indexed) and the characterization of the experimental murine model of psoriasis continued to be one of the main areas of interest.

Original papers in the skin pathologies topic

- **Reinforcing NK cells involvement in psoriasiform dermatitis animal model**, Surcel M, Munteanu AN, Isvoranu G, Constantin C, [...], Neagu M, *Experimental and therapeutic medicine*, 18(6): 4956-4966, Aug 30 2019, <https://doi.org/10.3892/etm.2019.7967>
- **Phenotypic changes of lymphocyte populations in psoriasiform dermatitis animal model**. Surcel M., Munteanu Adriana, Isvoranu G., [...] Constantin C., [...] Neagu M. *Experimental and therapeutic medicine*. 17(2):1030-1038, Feb 2019, <https://doi.org/10.3892/etm.2018.6978>
- **Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome** Surcel, Mihaela, Adriana Munteanu, Gheorghita Isvoranu, Alef Ibram, Constantin Caruntu, Carolina Constantin, and Monica Neagu. *Journal of Personalized Medicine*, 11(9): 1-21. Sep 2021 <https://doi.org/10.3390/jpm11090841>
- **Immune Portrayal of a New Therapy Targeting Microbiota in an Animal Model of Psoriasis**. Surcel Mihaela, Constantin Carolina, Munteanu Adriana Narcisa, Costea Diana Antonia, Isvoranu

Gheorghita, Codrici Elena, Popescu Daniela, Tănase Cristiana Ibram Alef, Neagu Monica *Journal of Personalized Medicine* 2023, 13(1) 1556, 1-25. <https://doi.org/10.3390/jpm13111556>

- **Microbial Signatures of Obesity-Aggravated Psoriasis: Insights from an Imiquimod-Based Mouse Model.** Constantin, C.; Dobre, E.-G.; Istvan, P.; Munteanu, A.N.; **Surcel, M.**; Isvoranu, G.; Neagu, M. *International Journal of Molecular Sciences*. 2025, 26, 7697. <https://doi.org/10.3390/ijms26167697>

Dr. Surcel has a high specialization in flow cytometry which contributed to her involvement in a large number of research projects related to the immunobiological context of different pathologies with immune and inflammatory components. Among these, three recent projects involving murine models are representative: **Study of the healing and immuno-modulating activity of new in situ gelling formulations**, Coordinator Department of Pharmacy of the University of Salerno (2022), **PN 23.16.01.03/2023 - Functional triad in experimental psoriasis: immune system - skin – gut** (2023-2026) and **PN 23.16.02.02/2023 – Combinatorial therapeutic approach based on adoptive transfer of NK cells and TGFBR1/II inhibitor in metastatic melanoma** (2023-2026).

The scientific activity carried out so far by Dr. Surcel has resulted in the publication of 55 scientific papers (35 in ISI journals) and book chapters summing up Hirsch Index = 16 (Clarivate, WOS).

Peer recognition

Other publications in the domain of skin pathology:

- 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.**; Constantin, C.; [...] Neagu, M. *Int. J. Mol. Sci.* 2023, 24, 1079. <https://doi.org/10.3390/ijms24021079>. citation 28.
- Matrix effectors in the pathogenesis of keratinocyte-derived carcinomas, Rafaela-Maria Kavasi, Monica Neagu, Carolina Constantin, Adriana Munteanu, **Mihaela Surcel**, et al, *Frontiers in Medicine-Dermatology*, 9, 2022, DOI 10.3389/fmed.2022.879500. citation 14.
- Natural killer cells monitoring in cutaneous melanoma – new dynamic biomarker, Gheorghita Isvoranu, **Mihaela Surcel**, Adriana Narcisa Munteanu, [...], Carolina Constantin, Monica Neagu, Cornel Ursaciuc, *Oncol Lett*, 2019, 17: 4197-4206. DOI: [10.3892/ol.2019.10069](https://doi.org/10.3892/ol.2019.10069). citations 15.
- Inflammation – key process in skin tumorigenesis, Monica Neagu, Carolina Constantin, [...] **Mihaela Surcel**, Sabina Zurac, *Oncol Lett*, 2019, 17: 4068-4084. <https://doi.org/10.3892/ol.2018.9735>. **highly cited paper**, citations 141.
- Inflammatory cytokine pattern is sex-dependent in mouse cutaneous melanoma experimental model, **Mihaela Surcel**, Carolina Constantin, Constantin Caruntu, Sabina Zurac, Monica Neagu, *J Immunol Res*, 2017, 2017:9212134. doi: 10.1155/2017/9212134. citations 37.

Prizes and awards:

- **Award for Outstanding Oral Presentation** – 2019: "Carmen Stroilă" - Populations and subpopulations of lymphocytes and dendritic cells in psoriasis, **Surcel M**, Munteanu AN, Constantin C, Isvoranu G, [...], Neagu M, 3rd Conference of the Romanian Association of Immuno-Dermatology and 48th Conference of the Romanian Society of Immunology, 18-21 sept 2019, Bucharest
- **Poster award** - 2019: **FEPS Best Poster Communication** - Interrupted administration of sevoflurane improves circulating levels and functional properties of endothelial progenitor cells in patients undergoing coronary angioplasty, Vlad A, [...], **Surcel M**, et al, FEPS 2019, Bologna, Italy, poster (PP257, pg 169 Acta Physiologica, Special Issue, Vol 227, Issue S718, 2019)
- **UEFISCDI Paper prize: Inflammatory Cytokine Pattern Is Sex-Dependent in Mouse Cutaneous Melanoma Experimental Model.** **M Surcel**, C Constantin, C Căruntu, S Zurac, M Neagu, Hindawi, Journal of Immunology Research, Volume 2017, Article ID 9212134, 10 pages, <https://doi.org/10.1155/2017/9212134>; (PN-III-P1-1.1-PRECISI2018-21233)
- **UEFISCDI Paper prize Insight into the Web of Stress Responses Triggered at Gene Expression Level by Porphyrin-PDT in HT29 Human Colon Carcinoma Cells** Dobre M, Boscencu R, Neagoe, IV, **Surcel M**, Milanese E, Manda G; Pharmaceutics Volume: 13 Issue:7 Pages: 1-25, 2021, <https://doi.org/10.3390/pharmaceutics13071032> IF=6.525 (PN-III-P1-1.1-PRECISI-2021-61039)
- **UEFISCDI Paper prize Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome** **Surcel Mihaela**, A Munteanu, G Isvoranu, A Ibram, C Caruntu, C Constantin, M Neagu.

Journal of Personalized Medicine Volume: 11, Issue: 9, Pages: 1-21. <https://doi.org/10.3390/jpm11090841> (PN-III-P1-1.1-PRECISI-2021-60603);

- **UEFISCDI Paper prize:** *Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients.* A Căruntu, L Moraru, **M Surcel**, A Munteanu, C Tănase, C Constantin, S Zurac, C Căruntu, M Neagu, *Analytical Cellular Pathology* 2021, Article ID 2328218, 7 pages <https://doi.org/10.1155/2021/2328218> (PN-III-P1-1.1-PRECISI-2021-67350);
- **UEFISCDI Paper prize:** *Matrix Effectors in the Pathogenesis of Keratinocyte-Derived Carcinomas.* Kavasi RM, Neagu M, Constantin C, Munteanu AN, **Surcel M**, et al, 2022. *Frontiers in Medicine*, 29 apr 2022, <https://doi.org/10.3389/fmed.2022.879500>. (PN-IV-P2-2.3-PRECISI-2023-69438)
- **Certificate for special scientific achievements** – awarded by Victor Babeş National Institute of Pathology, 2004

Patents: co-inventor of 4 national patents

- Porphyrin compound i.e. 5-(2-hydroxy-3-methoxyphenyl)-10,15,20-tris-(4-carboxymethylphenyl) porphyrin with fluorescent marker potential for normal and tumor cells in fluorescence imaging for diagnosis of pre-malignant skin conditions. Burloiu A M; Manda G; Boscencu R; Neagoe I V; Lupuliasa D; **Surcel M**; Olariu L; Mihai D P; OSIM Patent number RO137442-A0
- Purifying preparing immunoglobulin Y formed from hyperimmune eggs by using automatic high-performance liquid chromatography system, and of testing the biological activity of resulting fractions on the standard cell line CAL-27, V Chiurciu, A Ibram, M Neagu, C Tanase, C Constantin, **Mihaela Surcel**, A N Munteanu, - Patent number RO137295-A2 Patent OSIM A000473/11.08.2021
- Establishing immunologically relevant set of interleukins, cytokines and chemokines in psoriasis animal model treated with immunoglobulin Y obtained from hyperimmune egg by determining serum concentration of samples versus control of complex of e.g. cytokines, C Tănase, M Neagu, E Codrici, D Popescu, AM Enciu, G Isvoranu, **Mihaela Surcel**, A Munteanu, V Chirciu, A Ibram, Patent number RO135591-A0, Patent OSIM A00067811.11.2021
- New oxazol-5(4H)-one compounds used as non-cytotoxic fluorescent agents for detection and visualization of human tumor cells for diagnostic or therapy monitoring purposes Roşca EV, Bărbuceanu S, Apostol TV, Manda G, Drăghici C, Fărcăşanu I, Neagoe IV, **Surcel Mihaela**, Ruță L, Niţulescu GM, Bărbuceanu F, Iscrulescu L, Dinu Pîrvu CE. RO-BOPI 12/2022

Other research activities:

- Participation in more than 40 national research projects as a project team member
- Membership in COST action: COST Action CA21108 European Network for Skin Engineering and Modeling (NETSKINMODELS) (2022-2025)
- Participation in EU funds projects:
 - ❖ POSDRU no. 58819. „Training platform for implementing high technology in the health care system” Acronym: TDM (2010-2013), Expert – flow cytometry; teaching and mentoring activities.
 - ❖ POSDRU 159/1.5/S/141531 “Developing human resources – PhD and post-doctoral studies – for excellence in health and biotechnological research” (DPD) (2014-2015), Project secretary; coordinating and organizing training courses, workshops, conferences.
 - ❖ POSDRU no. 59497 “Training for implementing in the Immunology Laboratory of high technology” (IMUNOLAB) (2010-2013), Logistic coordinator; coordinating and organizing training courses, workshops
 - ❖ POC - 52/2016 “Expertise implementation in biomedical research by knowledge transfer to private companies in order to validate products and services in medical biotechnologies and health” (INTELBIOMED) (2016 - 2022), Expert - flow cytometry; research activities.
 - ❖ POC-A1-A1.1.4-E-2015/ P-37-732 „Knowledge transfer in redox biology for developing advanced molecular tools in neurodegenerative diseases – focus on the signature of Nrf2 transcription factor in diagnosis and therapy” (REDBRAIN) (2016-2021), Expert - flow cytometry; research activities.

Project management experience:

- Project Director in two national projects: Set of biomarkers, anti-allotype antibodies and serum microparticle profile in rheumatoid arthritis treated with anti-TNF biologic agents, PN 16.22.03.05 (2016-2017); Cellular immunity and specific cytokine secretion profile of Th1 and Th2 in autoimmune diseases; correlations with humoral immune response, VIASAN 355/2003 (2004-2006).

Fellowships:

- **T-cell memory**, EFIS-EJI Ruggero Ceppellini Advanced School of Immunology La Scuola Superiore d'Immunologia Ruggero Ceppellini, Anacapri, Italy, 2018

Memberships:

- Romanian Immunology Society (1995- in present)
- Secretary of SIR (since 2015)
- International Union of Immunological Societies (IUIS)
- Romanian Immuno-Dermatology Association (ARID) (2018- in present)
- Order of Biochemists, Biologists and Chemists in Romanian Health System (2002- in present)

Invited presentations:

- PDI (Primăvara Dermatologică Ieșeană) 2025, 7-12 april, and PDI 2024, 15-19 april, Iași, Romania
- International Pathology Conference of the Victor Babeș Institute, 7-8 nov 2024, Bucharest
- Congress of "Carol Davila" University of Medicine and Pharmacy, 26-28 oct 2023, Bucharest, Romania
- The XIV National Congress of Cytometry, 24-26 nov 2021, Bucharest, Romania

Trainer: The Flow Cytometry Summer School, 2nd Edition, Advanced cytometry workshops on Cell Biology & Immunology and Hematology, 6-8 July 2018, Bucharest, Romania

Volunteer reviewer: Journal of Cellular and Molecular Medicine, Frontiers in Immunology

Editorial Board Member: Journal of Cell Identity

ADDITIONAL INFORMATION**Other contributions to the research community**

Dr. Surcel has a high specialization in cell-based immune methods as flow cytometry and cell sorting, acquired at national/international courses and trainings: 2001, Training "Flow Cytometry – FACSCalibur", Bucharest; 2009, Training "Operator Training on BD FACSCanto II and BD FACSDiva 6.1.2", Heidelberg, Germany; 2009, Training "Advanced BD FACSCanto II and BD FACSDiva 6 Training", Bucharest; 2015, Training "Beckman Coulter Astrios Customer Training" (flow cytometry and cell sorting), Nyon, Switzerland; 2015, Training "MoFlo Astrios EQ Customer Training" at the AKH Flow Cytometry Core Unit, (flow cytometry and cell sorting), Wien, Austria.

The high expertise in flow cytometry significantly contributed to participation (as an expert or team member) in a large number of projects with national and international funding. She was expert in flow cytometry (basic training and clinical applications, lectures and practical sessions) in the mentioned POSDRU projects; courses were designed for life sciences personnel. By participating as an expert in flow cytometry POSDRU projects, dr. Surcel contributed to the implementation of flow cytometry in clinical laboratories in Romania. The activity carried out in these POSDRU projects resulted in publication as co-author of two books: **Flow cytometry - principles and clinical applications**. RI Huică, *Mihaela Surcel*, et al. Editura Viața Medicală Românească, 2013, ISBN 978-973-160-076-5; **Guide to the organization of the Immunology Laboratory**. I Berindan-Neagoe, [...], M Neagu, A Sălăgeanu, *Mihaela Surcel*, C Țucureanu, C Ursaciuc, M Zlei, ISBN 978-973-693-550-3.

Dr. Surcel was involved in the coordination and organization of scientific events with international participation, being member of the organizing committee of "Victor Babeș" Institute Annual Session and Pathology Symposiums (2006-2009 and 2015-2021) and Conferences of Romanian Society of Immunology (2015-2017, 2019, 2020).

Quartiles for Web of Science Core Collection

No.	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	2.4		Q2 Medicine, General and Internal
2	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
3	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		
4	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
5	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-CXXVII-nr-5, 2024, https://doi.org/10.55453/rjmm.2024.127.5.2 .	IF=0.1	1	Q3 Medicine research
6	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
7	In Silico and In Vitro Studies on an Asymmetrical Porphyrin Derivative with Therapeutic Potential in Skin Disorders Andreea Mihaela Burloiu, Dragos Paul Mihai, Gina Manda, Dumitru Lupuliasa, Ionela Victoria Neagoe, Radu Petre Socoteanu, Mihaela Surcel , Laurentiu-Iliuta Anghelache, Laura Olariu, Cerasela Elena Gird, Rica Boscencu. Pharmaceuticals 2024, Volume 17(6), 688, https://doi.org/10.3390/ph17060688	IF=4.3	1	Q2 Pharmacology & pharmacy

8	Assessment of Some Unsymmetrical Porphyrins as Promising Molecules for Photodynamic Therapy of Cutaneous Disorders Andreea Mihaela Burloiu, Gina Manda, Dumitru Lupuliasa, Radu Petre Socoteanu, Dragos Paul Mihai, Ionela Victoria Neagoe, Laurentiu-Iliuta Anghelache, Mihaela Surcel , Mihai Anastasescu, Laura Olariu, Cerasela Elena Gird, Stefania Felicia Barbuceanu, Luis Filipe Vieira Ferreira, Rica Boscencu. Pharmaceuticals 2024, Volume 17, Issue 1, 62, https://doi.org/10.3390/ph17010062	IF=4.6	6	Q2 Pharmacology & pharmacy
9	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 Tanase, 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
10	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
11	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. ; Constantin, 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
12	Healthy Ageing Reflected in Innate and Adaptive Immune Parameters Munteanu AN, Surcel M , Isvoranu G, Constantin C, Neagu M. Clin Interv Aging. 2022 Oct 13;17:1513-1526. doi: 10.2147/CIA.S375926.	IF=4.16	5	Q2 Geriatrics
13	Matrix effectors in the pathogenesis of keratinocyte-derived carcinomas Rafaela-Maria Kavasi, Monica Neagu, Carolina Constantin, 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
14	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 Constantin; Cristian Scheau; Monica Neagu; Constantin Caruntu, Healthcare 2022, 10, 342. https://doi.org/10.3390/healthcare10020342 .	IF=2.64	27	Q4 Healthcare
15	Testing antigens, antibodies, and immune cells in COVID-19 as a public health topic – experience and outlines Monica Neagu, Carolina Constantin, Mihaela Surcel , Int J Env Res Public Health, 2021 18, 13173-13189.	IF=2.46	8	Q2 Environmental sciences
16	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 Constantin, 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

17	Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome Surcel, M.; Munteanu, A.; Isvoranu, G.; Ibram, A.; Caruntu, C.; Constantin, C.; Neagu, M, J. Pers. Med. 2021, 11, 841. https://doi.org/10.3390/jpm11090841 .	IF=4.94	9	Q2 Medicine General
18	Therapeutic potential of interleukin 15 in cancer Gheorghita Isvoranu, Mihaela Surcel , Adriana Narcisa Munteanu, Ovidiu Gabriel Bratu, Florentina Ionita Radu, Monica Teodora Neagu, Marioara Chiritoiu Butnaru Exp Ther Med 2021, 22: 675, https://www.spandidos-publications.com/10.3892/etm.2021.10107	IF=2.44	49	Q4 Medicine Reserach&Exp erimental
19	Insight into the Web of Stress Responses Triggered at Gene Expression Level by Porphyrin-PDT in HT29 Human Colon Carcinoma Cells Dobre Maria, Boscencu Rica, Neagoe, Ionela Victoria, Surcel Mihaela , Milanesi Elena, Manda Gina; Pharmaceutics Volume: 13 Issue:7 Pages: 1-25, Published: JUL 2021, https://doi.org/10.3390/pharmaceutics13071032	IF=6.525	12	Q2 Pharmacology & pharmacy
20	Oxidative Stress: A Possible Trigger for Pelvic Organ Prolapse Radu Dragos Marcu; Dan Liviu Dorel Mischianu; Lucian Iorga; Camelia Cristina Diaconu; Mihaela Surcel , Adriana Narcisa Munteanu, Carolina Constantin, Gheorghita Isvoranu, Ovidiu Gabriel Bratu, Journal of Immunology Research, volume 2020, Article ID 3791934, 11 pages, 2020 https://doi.org/10.1155/2020/3791934	IF=4.818	31	Q2 Immunology
21	Reinforcing involvement of NK cells in psoriasiform dermatitis animal model Mihaela Surcel , Adriana Narcisa Munteanu, Radu Ionuț Huică, Gheorghita Isvoranu, Ioana Ruxandra Pîrvu, Carolina Constantin, Ovidiu Bratu, Constantin Căruntu, Isadora Zaharescu, Lucica Sima, Marieta Costache, Monica Neagu, Exp Ther Med, 18(6), 4956-4966, 2019 DOI: 10.3892/etm.2019.7967,	IF=2.44	16	Q3 Medicine, Research&Exp erimental
22	Peripheral immune cell markers in children with recurrent respiratory infections in the absence of primary immunodeficiency Adriana Narcisa Munteanu, Mihaela Surcel , Radu Ionuț Huică, Gheorghita Isvoranu, Carolina Constantin, Ioana Ruxandra Pîrvu, Carmen Chifriuc, Coriolan Ulmeanu, Cornel Ursaciuc, Monica Neagu Exp Ther Med 2019, 18(3):1693-1700. doi: 10.3892/etm.2019.7714	IF=2.44	18	Q3 Medicine, Research&Exp erimental
24	Natural killer cells monitoring in cutaneous melanoma – new dynamic biomarker Gheorghita Isvoranu, Mihaela Surcel , Radu-Ionuț Huică, Adriana Narcisa Munteanu, Ioana Ruxandra Pîrvu, Dan Ciotaru, Carolina Constantin, Ovidiu Bratu, Monica Neagu, Cornel Ursaciuc, Oncol Lett, 2019, 17: 4197-4206. DOI: 10.3892/ol.2019.10069.	IF=2.96	15	Q3 Oncology
25	Inflammation – key process in skin tumorigenesis Monica Neagu, Carolina Constantin, Constantin Caruntu, Carmen Dumitru, Mihaela Surcel , Sabina Zurac, Oncol Lett, 2019, 17: 4068-4084. https://doi.org/10.3892/ol.2018.9735	IF=2.96	147	Q3 Oncology
26	Phenotypic changes of lymphocyte populations in psoriasiform dermatitis animal model Mihaela Surcel , Radu-Ionuț Huică, Adriana Narcisa Munteanu, Gheorghita Isvoranu, Ioana Ruxandra Pîrvu, Dan Ciotaru, Carolina Constantin, Ovidiu Bratu, Constantin Căruntu, Monica Neagu, Cornel Ursaciuc, Exp Ther Med, 2019, 17: 1030-1038, https://doi.org/10.3892/etm.2018.6978	IF=2.44	22	Q3 Medicine, Research&Exp erimental

27	Penile carcinoma and HPV infection (Review) Lucian Iorga, Radu Dragos Marcu, Camelia Cristina Diaconu, Ana Maria Alexandra Stanescu, Anca Pantea Stoian, Dan Liviu Dorel Mischianu, Mihaela Surcel , Simona Bungau, Traian Constantin, Daniel Boda, Laszlo Fekete, Ovidiu Gabriel Bratu, Experimental and Therapeutic Medicine, Published online on: November 11, 2019 https://doi.org/10.3892/etm.2019.8181	IF=2.44	47	Q3 Medicine, Research&Experimental
28	Adrenergic Modulation of Melanoma Cells Proliferation, Mihaela Surcel , Constantin Căruntu, Mircea Tampa, Clara Matei, Silviu Pițuru, Simona-Roxana Georgescu, Carolina Constantin, Sabina Zurac, Monica Neagu, Farmacia, 2018, 66(5): 820-825.	IF=1.43	6	Q3 Pharmacology
29	The use of ELISA and PCR in identifying correlations between viral infection and benign prostatic hypertrophy Spinu D., Bratu O., Marcu D., Mischianu D., Huica R., Surcel M. , Munteanu Adriana, Socea B., Bodean O., Ursaciuc C., Revista de Chimie 2018, Issue 3, 2018 WOS:000430946500024 Q3	IF=0.294	31	Q3 Chemistry
30	Inflammatory cytokine pattern is sex-dependent in mouse cutaneous melanoma experimental model Mihaela Surcel , Carolina Constantin, Constantin Caruntu, Sabina Zurac, Monica Neagu, J Immunol Res, 2017, 2017:9212134. doi: 10.1155/2017/9212134.	IF=4.818	39	Q2 Immunology
31	Exposure of human endothelial progenitors to sevoflurane improves their survival abilities Adelina Munteanu, Marilena Gilca, Gheorghita Isvoranu, Mihaela Surcel , Laura Ceafalan, Gina Manda, Revista Română de Medicină de Laborator, vol. 24, nr. 2, iunie, 2016 https://doi.org/10.1515/rrlm-2016-0022 IF=0.325	IF=0.325		Q3 Medicine research
32	Immunotherapy in cancer - in vivo study of the anti-tumor activity of the IL-15/IL-15R alfa combination in an experimental model of melanoma Isvoranu Gheorghita, Marinescu B., Surcel Mihaela , Ursaciuc C., Manda Gina, Farmacia, 63;5:631-636, 2015 ISSN 0014-8237 IF=1.162	IF=1.162	8	Q3 Pharmacology & pharmacy
33	Dynamics of telopodes (telocyte prolongations) in cell culture depends on extracellular matrix protein CM Niculite, TM Regalia, M Gherghiceanu, R Huica, Mihaela Surcel , C Ursaciuc, Molecular and Cellular Biochemistry, 398 (1-2), 157-164, 2015 DOI 10.1007/s11010-014-2215-z IF=2.884	IF=2.884	43	Q3 Cell biology

Proceedings and Editorials

- Insights in genetic and epigenetic traits in cutaneous melanoma - new therapy targets, Monica Neagu; Dobre Elena-Georgiana; Carolina Constantin; **Mihaela Surcel**; Adriana Munteanu; Sabina Zurac, *South East European Journal of Immunology*, 2025, page 44, DOI: 10.3889/seejim.2025.6106,
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