

2023 Dissemination

Published papers

- 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. **IF=7.675, citations 3**
- 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. citation 3.**
- Immune Portrayal of a New Therapy Targeting Microbiota in an Animal Model of Psoriasis, Surcel Mihaela, Constantin Carolina, Munteanu Adriana-Narcisa, Costea Diana, [..], Neagu Monica, *Journal of Personalized Medicine* 2023 Oct 30;13(11):1556. doi: 10.3390/jpm13111556. **IF=3.51**
- Systemic circulating leptin – aiding new dimension of immune - related skin carcinogenesis and lipid metabolism, Monica Neagu, Carolina Constantin, Mihaela Surcel, *South East European Journal of Immunology*, 2023 Apr 03; 6(1):1-6. <https://doi.org/10.3889/seejim.2023.6024>.

International book chapter

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

International Projects

ECO-AERoGELS – COST Innovators Grant - financed project, 2023-2025

Communications

International communications

StopCancer, 20-23 Aprilie, Bucuresti

Langerhans cells-new players in melanoma progression and therapy, Monica Neagu

Simpozionul *European Academy of Dermatology&Venerology*, 18-20 mai 2023, Sevilla, Spania

- Langerhans cells - reviewing their functions in skin pathologies - Monica Neagu, Carolina Constantin, Elena-Georgiana Dobre, Mihaela Surcel, Adriana Munteanu, Sabina Zurac
- Circulating subsets of lymphocytes and dendritic cells in cutaneous melanoma - Mihaela Surcel, Adriana Munteanu, Carolina Constantin, Gherghița Isvoranu, Monica Neagu
- NK cells pattern in psoriasiform dermatitis animal model. Constantin Carolina, Mihaela Surcel, Adriana Narcisa Munteanu, Gheorghita Isvoranu, Monica Neagu.

Diaspora 2023, Workshop: Medicina personalizată - abordări inovative în prevenție, diagnostic și terapie, Timisoara 10-13 aprilie 2023

- Evenimente biologice ale melanocitului normal tranformat neoplazic in melanom - puncte nodale în medicina personalizată, Monica Neagu

3rd International Conference Aerogels for Biomedical and Environmental Applications, 5-7 iulie, Maribor, Slovenia

- Advanced polysaccharides-based materials from wastes as carriers of active molecules for biomedical applications, Alfio Pulvirenti, Antonella C. Boccia Tiziana Silvetti, Milena Brasca, Carolina Constantin, Mihaela Surcel, and Monica Neagu

EFIS-EJI-Summer School 2023, October 20 –23, 2023, Trogir, Croatia

- Examining IL-22 and its influence on primary cutaneous SCC keratinocytes: an in vitro approach, Georgiana Dobre, Mihaela Surcel, Adriana Munteanu, Monica Neagu, Carolina Constantin

National communications

Primavara Dermatologica Ieseana, Iasi 24-28 aprilie 2023

- Antigen presenting cells - new players in skin's pathology, Monica Neagu, Carolina Constantin, Elena-Georgiana Dobre, Mihaela Surcel, Adriana Munteanu, Sabina Zurac
- NK cells phenotypic changes in tumor setting - next level in melanoma immunotherapy. Carolina Constantin, Gheorghita Isvoranu, Mihaela Surcel, Adriana Narcisa Munteanu, Sabina Zurac, Monica Neagu

Conferinta Asociatiei Melanom Romania: Inovatia in Melanom 2023, Iasi, 23-23 iunie 2023

- Microbiomul, imunitatea și cancerul, Monica Neagu

Sesiunea de Comunicări Științifice a Studenților Facultății de Biologie – București, Ediția 2023

- Evaluarea efectelor inhibitorilor semnalizării Hedgehog asupra nivelurilor m6A, 5-hmC și HDAC în tumorile spinocelulare: noi perspective de orientare

a abordării epigenomice în tratamentul SCC, Elena-Georgiana Dobre, Adriana Munteanu, Monica Neagu, Carolina Constantin

- Investigarea efectelor exercitate in vitro de IL-22 asupra keratinocitelor transformate neoplazic, Elena-Georgiana Dobre, Adriana Munteanu, Mihaela Surcel, Monica Neagu, Carolina Constantin

Congresul Universității de Medicină și Farmacie Carol Davila, București, 28-30 oct, 2023

- Immune portrayal of psoriasis dynamics in experimental model, Mihaela Surcel, Adriana Narcisa Munteanu, Carolina Constantin, M. Neagu

International Pathology Conference of „Victor Babeș” Institute, București, 1-4 nov, 2023

- Assessment of EGFR-RAS-RAF pathway mutation status in healthy skin, benign nevi, and cutaneous melanomas – evaluation using droplet digital PCR, Georgiana Dobre, Luciana Nichita, Cristiana Popp, Sabina Zurac, Monica Neagu