



**EADO  
Europass  
Curriculum Vitae**



<b>Personal information</b>	
First name(s) / Surname(s)	<b>Teodora Monica/Neagu</b>
Address(es)	5, Alecu Mateevici, 001122, Bucharest, Romania
Telephone(s)	40 21 319 45 28   Mobile:
Fax(es)	40 21 319 45 28
E-mail	neagu.monica@gmail.com
Nationality	Romanian
Date of birth	20.03.1962
Gender	F
<b>Work experience</b>	Work employments
Dates	2000 – in present
Occupation or position held	Head of Immunobiology Laboratory
Main activities and responsibilities	Project Coordinator in national and international research projects: bilateral cooperations, COST, NATO SfP. Participation in international Clinical Trials. Main research fields: immunology, immunotherapy, biomarkers, cellular immune parameters associated to various pathologies, photodynamic therapy
Name and address of employer	“Victor Babes” National Institute of Pathology, 99-101 Splaiul Independentei, Bucharest, Romania
Type of business or sector	Research, Laboratory Management
Dates	2012 – in present
Occupation or position held	Team Leader “Assay Development and Alternative testing”
Main activities and responsibilities	Coordinator in national and international projects for multi-disciplinary, multi-laboratory research team
Name and address of employer	“Victor Babes” National Institute of Pathology, 99-101 Splaiul Independentei, Bucharest, Romania
Type of business or sector	Research, Laboratory Management
Dates	2018 – in present
Occupation or position held	Head of Immunology Department
Name and address employer	“Victor Babes” National Institute of Pathology, 99-101 Splaiul Independentei, Bucharest, Romania
Dates	2017 – in present
Occupation or position held	Researcher grade I
Main activities and responsibilities	Coordinator in national and international projects
Name and address employer	Colentina Clinical Hospital
Type of business or sector	Research in Pathology
Dates	1993-2000
Occupation or position held	Researcher
Main activities and responsibilities	Project Coordinator in national research projects. Main research fields: immunology, immunotherapy, biomarkers, cellular immune parameters associated to various pathologies, photodynamic therapy
Name and address employer	“Victor Babes” National Institute of Pathology, 99-101 Splaiul Independentei, Bucharest, Romania

Type of business or sector	Research
Dates	1987-1993
Occupation or position held	Researcher, PhD student
Main activities and responsibilities	Participation in research projects. Main research fields: immunomodulation with various bacterial or plant origin agents applied in various human pathologies
Name and address employer	"Cantacuzino" National Institute of Microbiology and Immunology, 103 Splaiul Independentei, Bucharest, Romania
Type of business or sector	Research
<b>Education and training</b>	
Dates	2017
Title of qualification awarded	Research grade scientist I
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Ministry of Education Order, number 216/20.04.2017
Dates	2014
Title of qualification awarded	<i>Habilitated Professor of Immunology</i>
Principal subjects/occupational skills covered	Habilitation thesis "Harnessing the immune system - new insights in diagnosis and therapeutical approaches of major diseases"
Name and type of organisation providing education and training	Ministry of Education Order, number 623/6.11.2014, annex 26
Dates	1990-1996
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Immunological Parameters in chronic Staphylococcal infection
Name and type of organisation providing education and training	Romanian Academy of Science, Ministry of Education Order 5200/4.10.1996
Level in national or international classification	10 out of 10
Dates	1984-1985
Title of qualification awarded	Master
Principal subjects/occupational skills covered	Special Methods of Separation in Biochemistry
Name and type of organisation providing education and training	University of Bucharest, Faculty of Biochemistry
Level in national or international classification	10 out of 10
Dates	1980-1984
Title of qualification awarded	B. Sc.
Principal subjects/occupational skills covered	Biochemistry

Name and type of organisation providing education and training  Level in national or international classification	University of Bucharest, Faculty of Biochemistry, Ministry of Education and Teaching diploma Seria C, nr. 415/3.08.1984  9.93 out of 10																												
<b>Personal skills and competences</b>																													
Mother tongue(s) Other language(s) Self-assessment <i>European level (*)</i> <b>English</b> <b>German</b> <b>French</b>	<b>Romanian</b>  <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th rowspan="2">Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> </tr> </thead> <tbody> <tr> <td><b>English</b></td> <td>C2</td> <td>C2</td> <td>C2</td> <td>C2</td> <td>C2</td> </tr> <tr> <td><b>German</b></td> <td>B2</td> <td>B1</td> <td>B1</td> <td>B1</td> <td>A2</td> </tr> <tr> <td><b>French</b></td> <td>C1</td> <td>B2</td> <td>B1</td> <td>B1</td> <td>A2</td> </tr> </tbody> </table> <p>(*) <i>Common European Framework of Reference for Languages</i></p>		Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production	<b>English</b>	C2	C2	C2	C2	C2	<b>German</b>	B2	B1	B1	B1	A2	<b>French</b>	C1	B2	B1	B1	A2
	Understanding		Speaking		Writing																								
	Listening	Reading	Spoken interaction	Spoken production																									
<b>English</b>	C2	C2	C2	C2	C2																								
<b>German</b>	B2	B1	B1	B1	A2																								
<b>French</b>	C1	B2	B1	B1	A2																								
Organisational skills and competences	<p>I am currently managing the Immunology Dept. involved in several national and international research projects and international networks. I am managing the multi-disciplinary team of <b>Assay Development and Alternative testing</b></p> <p>I am member of the management team for Romania for COST Actions D39, COST TD1002, COST 16120, COST 18125</p> <p>Since 2000 I am member of the Council of the Romanian Society of Immunology and since 2019 I am the President of the Romanian Society of Immunology</p> <p>Since 2003 I am member of the OBBCSSR – licence for clinical biochemistry laboratory. Since 1997 Biochemist specialist and since 2020 Biochemist principal.</p> <p>Since 2010 I am member of the management team for several EU structural projects involving teaching in the domain of High Technologies applicable in Health Care System.</p>																												
Technical skills and competences	<b>Courses and Training stages</b> <ul style="list-style-type: none"> <li>▪ 1988 – 1989 Fundamental Immunology, Bucharest, Romania</li> <li>▪ 1992 – <b>Autoimmunity specialization, Sandoz Pharma Ltd.</b>, Preclinical Research Laboratories, Basel, Switzerland</li> <li>▪ 1996 - Advanced Course in Bioelectronics, Mamaia, Romania</li> <li>▪ 1997 - Advanced Course Membrane Transport Processes and Signal Transduction, Bucharest, Romania</li> <li>▪ 2001 - Cours de formation post-universtaire dans le domaine des sciences de la vie dans la discipline de Biochimie et Biologie Moleculaire, Bucharest, Romania</li> <li>▪ 2005 - Modern Biophysical Techniques for Human Health – From Physics to Medicine, Poiana Brasov, Romania</li> <li>▪ 2007 - Evaluator for International Project Management, Bucharest, Romania</li> </ul>																												

<p>Technical skills and competences</p>	<ul style="list-style-type: none"> <li>▪ 2007 - Profiling Kinases and Phospho-Sites with Antibody-Based Methods for Disease Biomarker, Amsterdam, Holland</li> <li>▪ 2007 - Drug Target Discovery and Protein Arrays for Biomarker Discovery and Protein Expression Profiling, Amsterdam, Holland</li> <li>▪ 2008 - Principles and applications of microfluidics in the life sciences, Barcelona, Spain</li> <li>▪ 2008 - Microfabrication technologies, Barcelona, Spain</li> <li>▪ 2008 - ProteinChip SELDI-ToF MS Training Course, Malvern, USA</li> <li>▪ 2008 – In vivo confocal microscopy training, Mavig, Bucharest, Romania</li> <li>▪ 2009 - Flow Cytometer FACS CANTO II Training Course, Heidelberg, Germany</li> <li>▪ 2009 – Cell Culture Seminar – LGC Standards, Bucharest, Romania</li> <li>▪ 2010 - 1st Congress of XCELLigence Users Meeting, 25-26 March, Munchen, Germany</li> <li>▪ 2010 - 1<sup>st</sup> EFIS-EJI Intensive Educational Course in Clinical Immunology, Centre de Recherche des Cordeliers, Paris, December 1-4</li> <li>▪ 2011- 2st Congress of XCELLigence Users Meeting, 3-4 May, Rome, Italy</li> <li>▪ 2011 – Course “Characterizing and applying physiologically-based pharmacokinetic models in risk assessment” – WHO, Eurotox, 28 August Paris, France, 2011</li> <li>▪ 2013 - Proteomics Course, Summer School, 3-7 August, Brixen, Italy</li> <li>▪ 2014 – Protein microarray hands-on training, University of Toulouse</li> <li>▪ 2015 – Course for Adult Teaching – <i>Ministry of Labour, Family and Social Protection</i>, COR code 242401, Certificate J Nr. 00079315/28.07.2015</li> <li>▪ 2017 – <i>Technology Transfer</i> Course, CIT-IRECSON, Bucharest</li> <li>▪ 2017 – <i>Intellectual Property</i> Course, CIT-IRECSON, Bucharest</li> <li>▪ 2019 – <i>Leadership Workshop</i>, Brussels, Belgium</li> <li>▪ 2020 – <i>Strategic Management and Investment management</i>, Sinaia, Romania</li> </ul>
	<p><b>Membership:</b></p> <ul style="list-style-type: none"> <li>▪ Romanian Society of Immunology – 1988</li> <li>▪ Council of the Romanian Society of Immunology - 2000</li> <li>▪ Balkan Society of Immunology – 2001</li> <li>▪ European Federation of Immunological Societies – 2002</li> <li>▪ Federation of the European Biochemistry Society – 2006</li> <li>▪ International Society of Porphyrins and Phthalocyanins – 2007</li> <li>▪ International Society of Program Management – 2007</li> <li>▪ Romanian Division of International Academy of Pathology – 2009</li> <li>▪ Founding member of the Romanian Dermato-oncology Society – 2010</li> <li>▪ European Network of Nanomedicine - 2010</li> <li>▪ <b>Cellular Advanced Therapy</b> Commision – <b>European Medicines Agency</b> – 2010-2013</li> <li>▪ European Association of Dermato-oncology – 2016 (<b>EADO-444</b>)</li> <li>▪ <b>World Academy of Sciences</b> – 2018</li> <li>▪ <b>President of the Romanian Immunology Society</b> – 2019</li> <li>▪ Ad Astra - 2022</li> </ul>
<p>Computer skills and competences</p>	<p>MS Office; Adobe Photoshop</p> <p><b>Driver's licence</b></p>

**Additional information****Inventor for the following Patents**

Asymmetric substituted tetrapyrrole compound, process of preparation and biological evaluation thereof at cellular level; Co-inventors – **Romania** Boscencu Rica, Socoteanu Petre, Nacea Veronica, Carolina Constantin, Manda Gina, **Neagu Monica**, Ilie Mihaela, Baconi Daniela; **Portugal** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Patent OSIM Nr. 123419/30.03.2012

Tetra-sulphonated porphyrin application for producing a photosensitizer in photodynamic therapy; Co-inventors – Ion Rodica, **Neagu Monica**, Carolina Constantin, Boda Daniel; Patent OSIM Nr. 12582/30.12.2010

Porphyrinic compound asymmetric, non-substituted as photosensitizer for cancer diagnosis and obtaining procedure; Co-inventors – **Romania** Boscencu Rica, Socoteanu Petre, Carolina Constantin, **Neagu Monica**, Manda Gina, Ilie Mihaela, Nacea Veronica, Gird Elena; **Portugal** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira, Patent OSIM Nr. 126761/30.12.2014

Equipment and procedure for microwave irradiation in vitro models with concomitant registration of biological behaviour in a fluorescence microscope; Co-inventors – Martin Diana, **Neagu Monica**, Matei Constantin, Carolina Constantin, Iacob Nicusor, Ighigeanu Daniel, Manaila Elena, Craciun Gabriela; Patent OSIM 126764 /30.07.2015

Porphyrinic compound photodynamic therapy of cancer; Co-inventors – **Romania** Socoteanu Petre, Boscencu Rica, Nacea Veronica, Carolina Constantin, Manda Gina, **Neagu Monica**, Ilie Mihaela, **Portugal** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, Patent OSIM Nr. 125018/30.04.2015

Proteomic profiling by mass-spectrometry for brain tumors detection, Co-inventors - Popescu Ionela Daniela, Albuлесcu Radu, Tănase Cristiana, Codrici Elena, Albuлесcu Lucian, Mihai Simona, Enciu Ana-Maria, **Neagu Teodora Monica**, Constantinescu Stefan; Patent OSIM Nr. RO130589-A2 /13.03.2014

Tumour cell clone obtained from chemically induced murine carcinogenesis model, Co-inventors - Carolina Constantin, **Monica Neagu**, Bogdan Marinescu, Sabina Zurac. Patent OSIM, Nr. RO131985-A0 /21.09.2016.

Tumour cell clone isolated from a rare cutaneous tumor developed on a blue nevi, Sabina Zurac **Monica Neagu**, Carolina Constantin, Patent OSIM A100365/24.06.2021

Method of Purification of Igy Preparation Obtained from Hyperimmune Eggs (Romvac) Using the Automatic High-Performance Liquid Chromatography System and of Testing The Biological Activity of the Resulting Fractions On The Standard Cell Line Cal-27, Chirciu Viorica, Ibram Alef, **Neagu Monica**, Tănase Cristiana, Constantin Carolina, Surcel Mihaela, Munteanu Adriana, Patent OSIM RO137295A2, 2023-02-2.

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, Cristiana Tănase, **Monica Neagu**, Elena Codrici, Daniela Popescu, Ana-Maria Enciu, Gheorghita Isvoranu, Mihaela Surcel, Adriana Munteanu, Viorica Chirciu, Alef Ibram, Patent OSIM A00067811.11.2021

**Member of the Editorial Board** for the journal *Recent Patents in Biomarkers*, Bentham Science Publishers., **Member of the Editorial Board** for the journal *World Journal of Methodology* Number ID:02445884. **Member of the Editorial Board** for *South East European Journal of Immunology*, **Member of the Editorial Board** for *Trends in Toxicology and Related Sciences*, **Member of the Editorial Advisory Board** for *Current Biomarkers*, **Editor for reviews** for the *Journal of Immunoassay and Immunochemistry*; **Member of the Editorial Board** for the journal *Romanian Archives of Microbiology and Immunology*, **Member of the Editorial Board** for the journal *World Academy of Sciences*, **Member of the Editorial Board** for the journal *Journal of Gastrointestinal and Liver Diseases*, **Member of the Editorial Board** for the Journal Health Politics, **Review Editor** for *Bio-interactions and Bio-compatibility - Frontiers in Biomaterials Science*. **Associate Editor** for *Journal of Cellular and Molecular Medicine*.

**Co-Editor 2016** for book "Stem cells between regeneration and tumorigenesis" Bentham Science Publishers. Editor(s): **Monica Neagu** and Cristiana Tanase, DOI: 10.2174/97816810833151160101, eISBN: 978-1-68108-331-5, 2016, ISBN: 978-1-68108-332-2

**Guest Editor** for **2012** Special Issue *Transcriptomics biomarkers for diagnosis, prognosis and therapy monitoring in cancer* *Recent Patents in Biomarkers*, Bentham Science Publishers **Leading Guest Editor 2016** – special issue - *Omics landscape in disease biomarkers discovery* in *Disease Markers*, Hindawi Publishers; **Associate Editor for Reviews** for *Journal of Immunoassay and Immunochemistry*, Taylor & Francis Ed.

**Leading Guest Editor 2018** – Special Issue – Inflammation: Part Of The Problem Or Part Of The Solution?, *Journal Of Immunology Research, Hindawi Publ.* **Leading Guest Editor 2020.** Capsicum: Traditional Uses, Biactive Compounds And Biological Activities. *Molecules, Leading Guest Editor 2020* – Special Issue – Inflammation: Part Of The Problem Or Part Of The Solution?, Part II, *Journal Of Immunology Research, Hindawi Publ.* **Editor Special Issue** "Mechanistic Toxicology" In *Current Opinion In Toxicology 2021*, **Editor For Special Issue** "Personalized Medicine In The Field Of Inflammatory Skin Disorders" In *Journal of Personalized Medicine 2021*, **Editor for Special Issue** "Immune Responses To Nanomaterials For Biomedical Applications 2.0" In *Journal Nanomaterials 2022.* **Guest Editor 2022** In *International Journal of Molecular Sciences, For Special Issue "Microscopy Imaging In Skin Physiological And Pathological Conditions"*, *Journal Of Personalized Medicine, For Special Issue "Skin Cancers: Biomarkers And Potential Therapeutic Targets"*, *For Special Issue "Nanomaterials for the diagnosis and therapy of viral infections in Frontiers in Bioengineering and Biotechnology;* in *Journal of Personalized Medicine, special issue Skin Inflammation - A Cornerstone in Dermatological Conditions"*. **Guest Editor 2024** in *Frontiers in Immunology* for Special issue "Autoimmunity – novel insights and future perspectives"

**Invited speaker and Moderator** for several Congresses. Recently at Tumoral Biomarkers Session at European Congress of Biomarkers, Lisbon, Portugal, 2008; Invited speaker at BIT Life Sciences' 2nd Annual Congress and Expo of Molecular Diagnostics - 2009, Beijing, China, 2009; Invited speaker at International Symposium Quantitative Biology&Cytokine Signaling, 2012. Invited Speaker European Association of Dermato-oncology, 2017; Invited Speaker International Symposium Quantitative Biology&Cytokine Signaling, 2017; Invited speaker EnviPharm, Chicago 2018; Invited speaker 7<sup>th</sup> Symposium on Advances in Cancer Immunology and Immune Therapy, Athens, 2019, EUROTOX, Helsinki 2019, Invited speaker 24<sup>th</sup> World Congress on Advances in Oncology' & '24<sup>th</sup> International Symposium on Molecular Medicine, Sparta 2019, International Conference on Aerogels for Biomedical and Environmental Applications, Meeting Committee COST 18125 18-20 February 2020, Santiago de Compostela, Invited speaker and Member of the organizing Committee at 8<sup>th</sup> Symposium on Advances in Cancer Immunology and Immune Therapy, Athens, 2022, member of the Organizing Committee for *European Congress of Immunology*, Dublin, 2024.

In Mendeley Data - Data for "Updated science-wide author databases of standardized citation indicators" in 2019, 2020, 2021, 2022, 2023 ranking 2% world scientists.

68341	Togni, Antonio	ETH Zürich	che	254	1981	2023	68,340	708	12	5.7901	13	10	32	44	211	608	2.8574
68342	Urieli, Natan	Ben-Gurion University of the Negev	isr	48	1994	2023	68,341	257	8	6.0000	8	59	21	114	39	200	2.8574
68343	Goldman, John M.	Imperial College London	gbr	863	1972	2022	68,342	1,174	15	5.4871	81	13	146	61	425	141	2.8574
68344	Anderson, Allen F.	Tennessee Orthopaedic Alliance	usa	108	1984	2021	68,343	658	13	4.9123	5	18	35	131	47	146	2.8574
68345	Marks, David F.	Journal of Health Psychology	gbr	88	1972	2022	68,344	254	6	4.8333	48	120	60	129	81	249	2.8574
68346	Hochberg, Zeev	Technion - Israel Institute of Technology	isr	321	1976	2023	68,345	389	10	4.9697	33	24	101	143	262	283	2.8573
68347	Zmuidzinas, Jonas	California Institute of Technology	usa	247	1961	2023	68,346	428	9	4.2276	10	61	20	78	176	312	2.8573
68348	Zhang, Li	Fudan University	chn	44	2016	2023	68,347	2,424	16	4.5080	0	0	4	150	13	792	2.8573
68349	Ghanem, Khalil G.	Johns Hopkins School of Medicine	usa	131	2001	2023	68,348	400	10	5.4334	9	24	29	124	68	256	2.8573
68350	Campbell, Marion K.	University of Aberdeen	gbr	246	1990	2023	68,349	1,402	16	5.4005	1	0	21	303	65	428	2.8573
68351	Brandt, Michael W.	Fuqua School of Business	usa	36	1999	2021	68,350	284	10	6.8333	3	21	22	155	28	186	2.8573
68352	Francis, Becky	Education Endowment Foundation	gbr	103	1997	2023	68,351	316	8	5.0440	21	44	64	180	80	219	2.8573
68353	Akbarizadeh, G.	Shahid Chamran University of Ahvaz	irn	66	2010	2023	68,352	396	11	7.1667	1	39	12	50	38	153	2.8573
68354	<b>Neagu, Monica</b>	<b>Victor Babes National Institute</b>	<b>rou</b>	<b>175</b>	<b>1988</b>	<b>2023</b>	<b>68,353</b>	<b>581</b>	<b>13</b>	<b>5.1353</b>	<b>5</b>	<b>8</b>	<b>34</b>	<b>137</b>	<b>83</b>	<b>332</b>	<b>2.8573</b>
68355	Wikel, Stephen K.	Quinnipiac University	usa	118	1974	2021	68,354	264	8	5.7965	25	84	42	90	90	181	2.8573
68356	Draper, Norman R.	University of Wisconsin-Madison	usa	126	1959	2014	68,355	561	5	4.5000	15	14	86	483	116	560	2.8573
68357	Piran, Niva	University of Toronto	can	81	1982	2023	68,356	217	8	6.1333	22	68	44	123	62	176	2.8573
68358	Terao, Junji	Tokushima University Faculty of Medicine	jpn	215	1977	2023	68,357	578	10	6.2488	10	17	36	50	149	459	2.8573
68359	Carracedo, Arkaiz	CIC BioGUNE	esp	112	2004	2023	68,358	1,111	19	5.1699	0	0	13	289	34	424	2.8573
68360	Hasan, Syed Shahzad	University of Huddersfield	gbr	262	2009	2023	68,359	911	13	7.9248	0	0	56	208	191	579	2.8573
68361	Trzepacz, Paula T.	Indiana University School of Medicine	usa	146	1984	2023	68,360	518	9	4.8750	9	18	47	196	79	280	2.8573
68362	Bedogni, Giorgio	Alma Mater Studiorum Università di Bologna	ita	236	1992	2023	68,361	1,141	13	5.4198	0	0	43	434	75	573	2.8573
68363	Rao, Christopher V.	University of Illinois Urbana-Champaign	usa	131	1997	2023	68,362	1,021	13	6.2933	4	3	24	122	96	329	2.8573
68364	Khodayar, Mohammad	Southern Methodist University	usa	77	2007	2023	68,363	577	13	6.8762	1	6	15	85	50	349	2.8573
68365	Dutta Majumdar, Jyotsna	Indian Institute of Technology Kharagpur	ind	192	1993	2023	68,364	502	11	5.8012	9	8	60	170	132	320	2.8573
68366	Ghasemi, Ali	Semnan University of Medical Sciences	irn	236	2004	2023	68,365	483	10	6.3095	17	18	76	116	116	215	2.8573
68367	Zeidan, Amer M.	Yale School of Medicine	usa	274	2007	2023	68,366	1,041	14	6.9456	3	0	85	200	191	628	2.8573

**Lecturer in Immunology** for Romanian Society of Immunology training course since 2002.

**Lecturer in 6 EU structural funded projects** for PhD, post-doc training in proteomics, immunology, immunotoxicology.

**Reviewer for** *Dyes and Pigments, Photochemical and Photobiological Sciences, Patents in Biomarkers, Archives of Gerontology and Geriatrics, International Journal of Photoenergy, Romanian Biotechnological Letters, Romanian Archives of Microbiology and Immunology, Current Biomarker Findings, Drug Design, Development and Therapy, Journal of Inflammation Research, Current Tissue Engineering, Biomedical and Environmental Sciences, The International Journal of Biochemistry & Cell Biology, Mediators of Inflammation, Journal of Translational Medicine, Scientific Reports (Nature Publishing Group), Journal of Immunoassay and Immunochemistry, South East European Journal of Immunology, Food and Chemical Toxicology, Experimental and Therapeutic Medicine, International Journal of Molecular Medicine, Molecular Medicine Reports, European Journal of Gynaecological Oncology, ACS Omega, Environmental Toxicology and Pharmacology, Expert Review of Molecular Diagnostics, Patty's Toxicology (Fifth Edition), Cancers, Romanian Journal of Internal Medicine, Environmental Research, Human Immunology, Journal of Medicine and Life*

*Oncology Letters, Oncology Reports, International Journal of Oncology, Molecular and Clinical Oncology, Experimental and Therapeutic Medicine, International Journal of Molecular Medicine, Molecular Medicine Reports, Infection and Drug resistance, Academic Letters, PLOS One, Public Health Toxicology, Genetic Research, Current Organic Chemistry, Melanoma Management, Medicinal Chemistry, Journal of Cellular and Molecular Medicine, Human and Experimental Toxicology, Environmental Toxicology and Pharmacology, Biomedical and Environmental Sciences, Toxicology Reports, Nanoimpact, Frontiers in Pharmacology, Journal of Molecular Neuroscience, Frontiers in Immunology, Frontiers in Oncology, Proteomics - Clinical Applications, Immuno-oncology, Frontiers in Bioengineering and Biotechnology, Frontiers in Endocrinology, Journal of Basic and Clinical Physiology and Pharmacology, Journal of Cancer, J Gastrointes Liver Dis, Journal of the European Academy of Dermatology and Venereology, Infection and Drug resistance, Cytokines, J Clin Virol, Environmental Research, ACS Omega, Dentistry Journal, Central European Journal of Immunology*

**Evaluator for international projects** – Horizon-HLTH, Horizon 2020, FP7, EuroNanoMed, FWO, ERA-NET, ERA-NET Lac, HRB, National Science Center, Poland. Round Dutch Research Agenda – Research along Routes by Consortia, Holland, Rosetrees Trust, UK, National Research Foundation of Korea, FWF Austrian Science Fund., University of Malta. EU expert evaluator ID EX2006C156206.

**Evaluator for EU structural funds projects, Fulbright grants**

**Evaluator for PhD thesis and member of the guiding committee** – University of Natural Resources and Life Sciences, Wien, University of Crete, Greece, University of Salerno, Italy

**Steering Committee member** for *BioSPHERE* project

**Main research fields:** immunology, immunotherapy, biomarkers, cellular immune parameters associated to various pathologies, photodynamic therapy, nanomedicine

In the last 20 years participating and conducting over 35 national research projects.

### Prizes

Scientific Responsible for the Project entitled “Photochemotherapy innovative methods with nanostructured photosensitizers – from synthesis to clinical trial”. The project received the **First Prize** of the Romanian National Authority for Research on Health Domain in 2008.

**International prizes:** patents received **Gold medal** at Brussels Innova 2008, **Special Prize** of Rudy Demotte, Minister President of the Walloon Government Brussels Innova 2008, **Gold medal** at The 37th International Exhibition of Inventions of Geneva 2009 and **Special Prize** of the Ministry of Education of Russia, The 37th International Exhibition of Inventions of Geneva 2009; **Gold medal** at The International Fair for Innovation, Moscow, 2009, EYReC **Gold Medal** at EUROINVENT, 2013; Diploma of **Haller Pro Inventio Foundation** at EUROINVENT, 2013.

**Paper prizes:** CNCISIS 1084/2010, CNCISIS1154/2010, PN-II-RUPRECISI-2012-6- 1365, PN-II-RU-PRECISI-2013-7 2013-4045, PN-II-RU-PRECISI-2013-7 2013-3803, PN-II-RUPRECISI- 2013-7- 2754, PN-II-RU-PRECISI- 2014-8-5956, PN-II-RU- PRECISI- 2015-9-8100, PN-III-P1-1.1-PRECISI-2017-15893, PN-III-P1-1.1-PRECISI-2017-15953, PN-III-P1-1.1-PRECISI-2018-28171, PN-III-P1-1.1-PRECISI-2018-22473 –PN-III-P1-1.1-PRECISI-2018-22518, PN-III-P1-1.1-PRECISI-2018-22862, PN-III-P1-1.1-PRECISI-2018-21195, PN-III-P1-1.1-PRECISI-2018-21233, PN-III-P1-1.1- PRECISI-2019- 31557, PN-III-P1-1.1- PRECISI-2019- 31575, PN-III-P1-1.1- PRECISI-2019- 31728, PN-III-P1-1.1- PRECISI-2019- 32238, PN-III-P1-1.1- PRECISI-2019- 32463, PN-III-P1-1.1- PRECISI-2019- 32883, PN-III-P1-1.1- PRECISI-2019- 32916, PN-III-P1-1.1- PRECISI-2019- 34275, PN-III-P1-1.1-PRECISI-2019-39561, PN-III-P1-1.1-PRECISI-2019-39540, PN-III-P1-1.1-PRECISI-2020-41195, PN-III-P1-1.1-PRECISI-2020-41618, PN-III-P1-1.1-PRECISI-2020-42167, PN-III-P1-1.1-PRECISI-2020-42620, PN-III-P1-1.1-PRECISI-2020-45488, PN-III-P1-1.1-PRECISI-2020-45810, PN-III-P1-1.1-PRECISI-2020-49966, PN-III-P1-1.1-PRECISI-2020-45028, PN-III-P1-1.1-PRECISI-2021-54177, PN-III-P1-1.1-PRECISI-2021-54795, PN-III-P1-1.1-PRECISI-2021-55687, PN-III-P1-1.1-PRECISI-2021-55735, PN-III-P1-1.1-PRECISI-2021-65937, PN-III-P1-1.1-PRECISI-2021-61647, PN-III-P1-1.1-PRECISI-2021-66798, PN-III-P1-1.1-PRECISI-2021-66697, PN-III-P1-1.1-PRECISI-2021-60603, PN-III-P1-1.1-PRECISI-2021-58054, PN-III-P1-1.1-PRECISI-2021-57319, PN-III-P1-1.1-PRECISI-2021-59290, PN-IV-P2-2.3-PRECISI-2023-69438, PN-IV-P2-2.3-PRECISI-2023-69747, PN-IV-P2-2.3-PRECISI-2023-70467, PN-IV-P2-2.3-PRECISI-2023-71529, PN-IV-P2-2.3-PRECISI-2023-73071, PN-IV-P2-2.3-PRECISI-2023-73443, PN-IV-P2-2.3-PRECISI-2023-73782, PN-IV-P2-2.3-PRECISI-2023-73869

**Annexes**

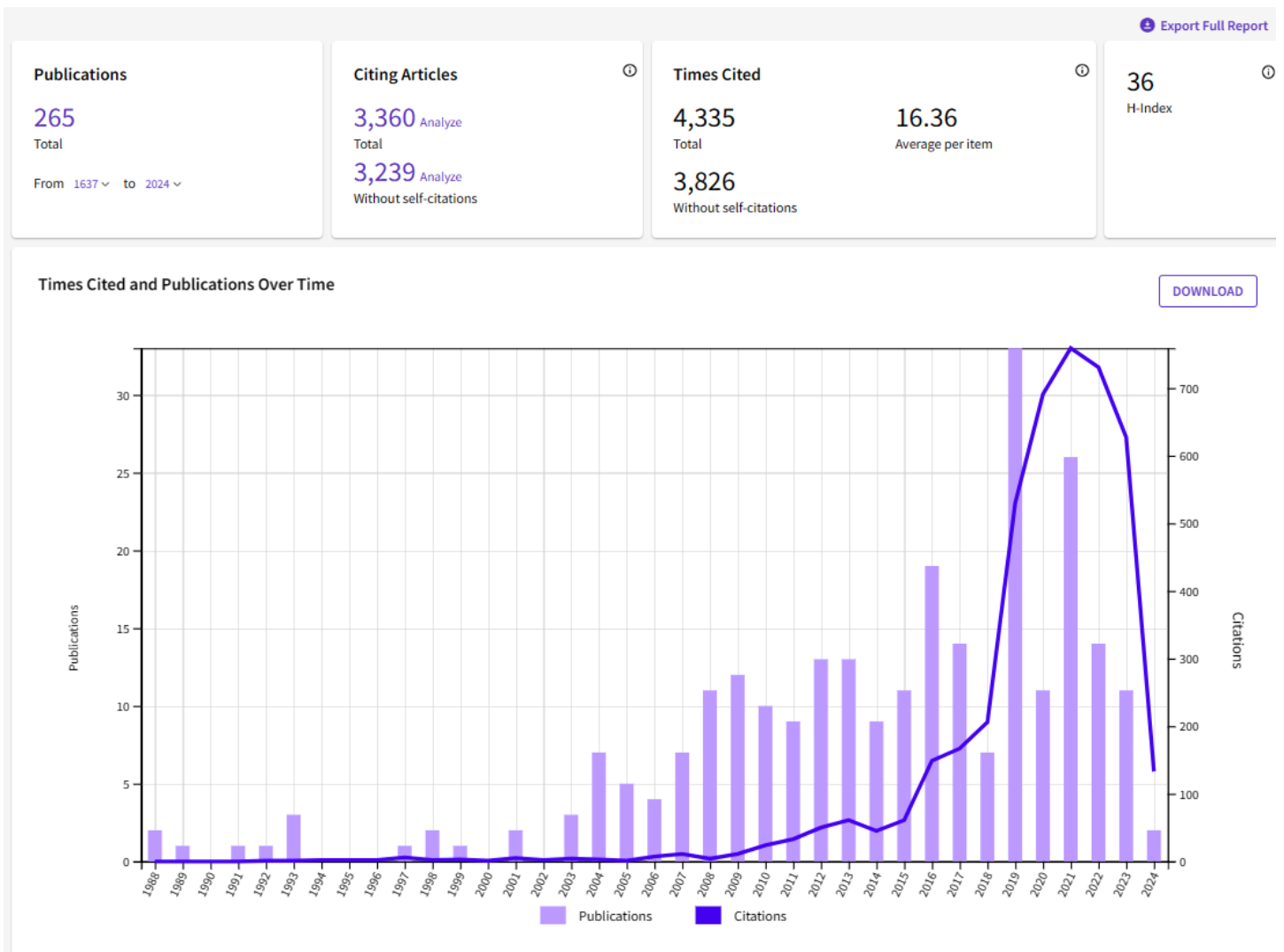
**Researcher unique identifiers:**

EX2006C156206  
 ORCID ID 0000-0001-9339-2805  
 Brainmap ID U-1700-033W-9654  
 Scopus Author ID: 7006911336  
 ResearcherID: C-3240-2011

Publons <https://publons.com/researcher/1196802/monica-neagu/>  
[https://www.researchgate.net/profile/Monica\\_Neagu](https://www.researchgate.net/profile/Monica_Neagu)  
<https://unibuc.academia.edu/MonicaNeagu>  
<https://scholar.google.com/citations?user=SiAtIYAAAAJ&hl=en>  
[Monica Neagu publications and citations analysis | exaly Search Engine](#)

List of international projects (continued)  
 List of EU structural funds projects (continued)  
 List of national projects (continued)  
 List of publications (continued) – **Hirsch Index – 41 (Google Scholar), 36 (Scopus), 36 (Clarivate)**

Data retrieved on 5, April, 2024





## Annexes

### List of International Projects

Project	Role	Date	Stage
Bilateral Cooperation Romania-Greece 7285/02 "Victor Babes" National Institute – University of Athens Immunomodulating potential of prothymosin alpha and its fragments on lymphocyte functions in vitro. Analysis of the mechanisms of action of the polypeptide and specific peptides spanning its primary structure.	Project Director for the Romanian partner	2003-2004	Ended
LOR/VIR/PO3/002 –Lorus Company, Canada Clinical Trial phase III, double blind, multicenter, randomized study in chemo-naive patients with locally advanced or metastatic pancreatic cancer to compare a combination therapy of Virulizin® plus Gemcitabine versus placebo plus Gemcitabine; optional second-line therapy may include continuation of Virulizin® or placebo, alone or in combination with 5-Fluorouracil	Participant	2003-2005	Ended
COST D39 Chemistry and Molecular Sciences and Technologies Metallo-Drug Design & Action	Member of the Management team for Romania	2006-2008	Ended
NATO SfP 982838/2007 Development of a novel immunoassay for the very early detection of Biothreatening Bacterial Infections	Project Director	2007-2015	Ended
Bilateral Cooperation Romania-China 511/2011 Biomarker discovery in digestive tract cancer and skin melanoma using proteomic approaches <i>China partner</i> Beijing Institute of Genomics, Chinese Academy of Science	Project Director for the Romanian partner	2011-2012	Ended
FP7-PEOPLE-IRSES-2008 Natural antidiabetic & antihypertensive drugs	Team Member	2008-2013	Ended
MNT-ERA NET 7030-5/2010 Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine	Team Member	2010-2013	Ended
COST CA16120 - European Epitranscriptomics Network EPITRAN	Member of the Management team for Romania	2017-2021	Ended
COST CA16113 - 'good biomarker practice' to increase the number of clinically validated biomarkers CLINIMARK	Team Member	2017-2020	Ended
COST CA18125 - Advanced Engineering and Research of aeroGels for Environment and Life Sciences AEROGELS	Member of the Management team for Romania	2019-2023	On-going
COST CA18127 - International Nucleome Consortium INC	Substitute Member for Romania	2019-2023	On-going
COST Action: CA17118 - Identifying Biomarkers Through Translational Research for Prevention and Stratification of Colorectal Cancer	Team Member	2018-2022	Ended
Study of the healing and immuno-modulating activity of new in situ gelling formulations, Coordinator Department of Pharmacy of the University of Salerno	Partner Director	2022	Ended
COST Action CA21108 - European Network for Skin Engineering and Modeling (NetSkinModels)	Team Member	2022-2024	On-going
CA21135 - Modelling immunotherapy response and toxicity in cancer (IMMUNO-model)	Team Member	2022-2024	On-going
ECO-AERoGELS - CIG18125	Member of the Management team for Romania	2023-2025	On-going

### List of EU structural projects

Project	Position/Role	Date	Stage
POSDRU nr. 31081, 1.2 University for future "Dermato-oncology development as multidisciplinary domain for medical training and international cooperation"	Member of the management team Teaching experience for over 300 students	2010-2013	Ended
POSDRU nr. 58819. „Training platform for implementing high technology in the health care system"	Member of the management team Teaching experience for over 150 PhD and post-docs in proteomics	2010-2013	Ended
POS CCE 2.1.2 152 Proteomics Technologies For Cancer Biomarkers Discovery	Member of the management team Quality assurance manager	2010-2013	Ended
POSDRU nr. 59497 "Training for implementing in the Immunology Laboratory of high technology"	Expert Teaching experience for over 300 PhD and post-docs in immunology and immuno-proteomics	2010-2013	Ended
POSDRU 141531/2014 "Developing human resources – PhD and post-doctoral studies – for excellence in health and biotechnological research"	Mentor Teaching experience for 150 PhD and post-docs in immunology and immuno-proteomics	2014-2015	Ended
POSDRU 135760/2014 „CERO – Carrier in Research"	Mentor Teaching experience for 150 PhD and post-docs in immunology and immuno-proteomics	2014-2015	Ended
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"	Expert in immunology, immunotoxicology	2016-2022	Ended

### List of National Projects

Project	Role	Date
<i>Research Contract Academy of Medical Science</i> Diagnostic and prognostic value of cellular immunity tests. Cantacuzino Institute	Team Leader	1987-1991
<i>Research Contract Academy of Medical Science</i> Immune parameters in chronic staphylococcal infections. Cantacuzino Institute	Project Director	1991-1993
<i>Research Contract Academy of Medical Science</i> Effect of Symphytum officinale extracts and isolated fractions upon cell-mediated immunity in normal subjects and patients with various immunosuppression. Cantacuzino Institute	Team Member	1992-1993
<i>Research Contract Ministry of Research and Technology</i> Correlation between intracellular signaling mechanisms in human polymorphonuclear granulocytes through stimulation of FcR, CR and chemotactic factors.	Team Member	1994 – 1996
<i>Research Contract Ministry of Research and Technology, Programm Orizont 2000</i> Effect of changes in intra- and extracellular ion concentrations upon normal human polymorphonuclear functions	Team Member	1997 – 1999
<i>Grant Ministry of Research and Technology</i> Synovial fluid isolated from patients with rheumatoid arthritis exert various effects on peripheral leukocyte populations normal - potential involvement in the pathogenesis of rheumatoid arthritis	Team Member	1997 – 1998
<i>Contract CNCSU</i> The in vitro effect exerted by antioxidant agents on the functionality of human immune cells, Biology Faculty, Bucharest University	Team Member	1999
<i>Research Contract Ministry of Research and Technology Orizont 2000</i> Peripheral polymorphonuclear cell functional isolated from patients diagnosed with rheumatoid arthritis	Team Member	1999-2001
<i>Grant Romanian Academy</i> Modulation through chemotactic factors oxygen-dependent cytotoxic functions developed by human neutrophils	Team Member	2001
<i>Research Contract Ministry of Research and Technology, Programm Orizont 2000</i> Neutrophils and	Project Director	2000-2002

lymphocytes functionalities in myocardial infarction, unstable angina and atheromatous disease		
<i>Grant Romanian Academy</i> Interrelation tumorigenesis - inflammatory process in experimental murine model	Project Director	2000
<i>Research Contract Viasan 090/2001</i> Immunomodulatory effect of low molecular weight heparins used in the prevention and therapy of cardiovascular diseases	Project Director	2001-2004
<i>Research Contract Viasan 228/2003</i> Experimental model for testing anti-tumor action of porphyrins used in the photodynamic therapy of cancer	Project Director	2003-2005
<i>Research Contract Viasan 341/2004</i> Cellular immune response in aging - evaluation of biochemical and immunological methods by age group	Project Director	2004-2006
<i>Research Contract Viasan 091/2001</i> Dynamics of functional and molecular cellular immune parameters of patients with rheumatoid arthritis treated with inhibitors of purine ribonucleotides (methotrexate) or pyrimidine (leflunomide)	Team Member	2001-2004
<i>Research Contract 229/2003</i> Immunomodulatory signals transmitted by opioid receptors - study performed on peripheral immune cells isolated from patients with rheumatoid arthritis.	Team Member	2003-2005
<i>Research Contract BIOTECH 052/2001</i> Immunomodulatory action of plant extracts from Cucumis melo (Cucurbitaceae)	Team Member	2001-2004
<i>Research Contract Viasan 7/2002</i> Development, validation and application of alternative procedures pharmacological and toxicological testing of products and active substances to use as pharmaceutical, cosmetic and biomedical application	Team Member	2002-2005
<i>Research Contract Viasan 236/2004</i> Creating a system with multiple users for applied research in experimental and clinical immunology	Team Member	2004-2005
<i>Grant CNCSIS</i> Monitoring changes in transmembrane calcium flux under the action of toxic doses of opioids in cellular experimental models	Team Member	2003-2004
<i>Research National Plan Contract PN Viasan 36N / 2003</i> Extraction and characterization of RNA and DNA isolated from liver and digestive tract tumors	Team Member	2004-2005
<i>Contract CALIST 1087/ 2004</i> System for cellular immunology methods and applications in toxicology and pharmacology	Team Member	2004-2006
<i>Research Contract Viasan 401/2004</i> The neuroprotective effect of flavonoids against oxidative stress involved in neurodegenerative diseases	Team Member	2004-2006
<i>Research Contract Viasan 3/2004</i> Studies and experimental research to obtain stem cells for specific immunomodulation	Team Member	2004-2006
<i>Research Contract CEEX 18</i> Innovative methods for photochemotherapy using new nanostructured photosensitizers - from synthesis to clinical trial	Team Leader	2005-2008
<i>Research Contract CEEX 107/2005</i> Anti-aging effects induced by photodynamic therapy with 5-aminolevulinic acid - molecular mechanisms studies	Team Leader	2006-2008
<i>Research Contract CEEX 108/2005</i> Molecular markers involved in the etiopathogenesis, diagnosis and prognosis of chronic venous insufficiency and chronic leg ulcers	Team Leader	2006-2008
<i>Research National Plan Contract PNII 41-083</i> Experimental model of photodynamic therapy with tetrakis-4-sulfonato-phenyl-porphyrin (TSPP) in spinocellular carcinoma	Team Leader	2007-2010
<i>Research National Plan Contract PNII 61-009</i> Staging and immunological monitoring in cutaneous malignant melanoma - innovative methods of diagnosis	Project Director	2007-2010
<i>Research National Plan Contract PNII 11-035</i> Cavitand and coronand type structures - new approach in the nanotechnology for antitumor compounds	Team Member	2007-2010
<i>Research National Plan Contract PNII 41-047</i> In vitro evaluation of heterocyclic drug systems with potential biomedical applications	Team Member	2007-2010
<i>Research National Plan Contract PNII 61-018</i> New nucleoside analogue active potential for cancer therapy - from synthesis at the cellular and molecular targets	Team Member	2007-2010

Research National Plan Contract PNII 61-37 Development of a bioinformatics system QSAR modeling for evaluating anti-rheumatic activity and antitumor therapeutic agents in individualized therapies	Team Member	2007-2010
Research National Plan Contract PNII 62-074 Development of irradiation schemes using optical coherence multiple fractionated radiation (SIFROC) with methyl aminolevulinic photodynamic therapy (MAL-PDT) – study on premalignant and malignant skin diseases non-melanocytic	Team Leader	2008-2011
Research National Plan PCE- ID-PCE-2011-3-0918 New photosensitizers compounds in dermato-oncology	Team Member	2011-2016
Research National Plan Contract PN-II-PT-PCCA-2013-4-1386 Innovative architectures of controlled drug released systems based on Hesperidin and Related Flavonoids for chronic leg ulcers wounds treatment	Team Member	2014-2017
Research National Plan Contract Proiect Nucleu 09.33 - 01.01 Serum Biomarkers for cutaneous melanoma monitorization in Romanian population	Project Director	2009-2016
PN-II-RU-TE-2011-3-0249 - Image-Based Assisted Diagnosis and Prognosis of Cutaneous Melanocytic Tumors	Team member	2011-2014
Research National Plan Contract PN-II-PT-PCCA-2013-4-1407 Regression-based theranostic polyfactorial classifier for melanoma patients stratification	Team Leader	2014-2017
Sectorial project 10 Advanced methods for monitoring and increasing resrach performance	Team Member	2017-2018
PN-III-P1-1.2-PCCDI-2017-0341 – Multi-disciplinary platform for increasing institutional capacity in dermato-oncology and dermato-pathology	Team Leader	2018-2021
PN-III-P1-1.2-PCCDI-2017-0782 – Innovative approaches in predictive regenerative medicine	Team Leader	2018-2021
PN-III-P1-1.2-PCCDI-2017-0062 - New methods of diagnosis and treatment: current challenges and technologic solutions based on nanomaterials and biomaterials	Team member	2018-2021
Research National Plan Contract Proiect Nucleu 18.21.01.01 Normal values for melanoma biomarkers for improving immuno-score in cutaneous melanoma	Project Director	2018
Research contract UNATC “Oxytocin evaluation in sputum and urine samples”	Coordinator	2018-2019
PN 19.29.01.01/2019 Correlative circuits between epigenomic and epitranscriptomic alteration in skin tumorigenesis– identification and filtration for events in m6A/m5C-dependent editing as future molecular therapy targets	Team Member	2019-2021
7PFE/16.10.2018 - Institutional development of Victor Babes National Institute from performance to excellence in health domain	Team Member	2018-2020
31FPE/31.12.2021- Institutional development of Victor Babes National Institute from performance to excellence in health domain	Team Member	2022-2024
PN-III-P4-PCE-2021-0549 - Portrayal of antigen presenting cells in cutaneous melanoma - innovative pillars for harnessing immunotherapy	Project Director	2022-2024
PN-III-P2-2.1-PED-2021-2243 - Polifactorial protocol of diagnosis in diabetic neuropathy	Partner Responsible	2022-2024
PN 23.16.01.03/2023 – Functional triad in experimental psoriasis: immune system - skin – gut	Team Member	2023-2026

### List of Publications

#### Books and book's chapters:

1. **Monica Neagu**, Carolina Constantin, Your Amazing Immune System, Romanian translation, *Wiley Blackwell*, 2023, EFIS ISBN: 978-3-00-028073-3
2. 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)
3. Bostan, M., Ion, G., Mihaila, M., Roman, V., Constantin, C., **Neagu, M.T.** (2022). Oxidative Stress Player in Head and Neck Cancer Therapy Response. In: Interdisciplinary Cancer Research. Springer, Cham. Pag 1-35. [https://doi.org/10.1007/16833\\_2022\\_39](https://doi.org/10.1007/16833_2022_39)
4. Determination of Cisplatin Effect on Head and Neck Squamous Cell Carcinoma Modulated by Erk1/2 Protein Kinases, Marinela Bostan, Georgiana Gabriela Petrica-Matei, Gabriela Ion, Nicoleta Radu, Mirela Mihaila, Razvan Hainarosie, Lorelei Irina Brasoveanu, Viviana Roman, Carolina Constantin, **Monica Teodora Neagu**, *Current Practice in Medical Science Vol. 8*, 22 July 2022 , Page 163-191, <https://doi.org/10.9734/bpi/cpms/v8/3149A>
5. Chapter 11 Immune markers in psoriasis. Mihaela Surcel, Constantin C, Adina Munteanu, **Neagu M**, In book: Psoriasis, Publisher: INTECH Open Science, ISBN 978-1-80355-376-4, Book edited by: Dr. Aghaei, A. P. S., London: IntechOpen; 2022. Available from: <https://www.intechopen.com/online-first/80408> doi: 10.5772/intechopen.102567
6. Chapter 5 Signal Transduction in Immune Cells and Protein Kinases, **Monica Neagu** and Carolina Constantin, In A. B. Engin, A. Engin (eds.), Protein Kinase-mediated Decisions Between Life and Death, *Advances in Experimental Medicine and Biology*, 1275:133-149 doi: 10.1007/978-3-030-49844-3\_5, Springer Nature Switzerland AG 2021. **IF= 5.394. citations 4.**

7. Chapter 17. Current Biomarkers Up-dates in toxicology. **Neagu M**, Constantin C, Garcia C, Del Gaudio P, pages 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](#).
8. Chapter Schwann Cell Plasticity in Peripheral Nerve Regeneration after Injury, Emilia Manole, Alexandra Eugenia Bastian, Ana Maria Oproiu, **Monica Teodora Neagu**, Carolina Constantin and Gheorghita Isvoranu, April 2020, DOI: 10.5772/intechopen.91805, In book: Schwann Cells, Publisher: INTECH Open Science, page 1-20, Edited by Emeritus Prof. Stavros J Baloyannis.
9. Chapter 10 Tumour Microenvironment in Skin Carcinogenesis, Simona Roxana Georgescu, Mircea Tampa, Cristina Iulia Mitran, Madalina Irina Mitran, Constantin Caruntu, Ana Caruntu, Mihai Lupu, Clara Matei, Carolina Constantin, **Monica Neagu** In: Birbrair A. (eds) Tumor Microenvironments in Organs. *Advances in Experimental Medicine and Biology*, vol 1226. Springer, Cham 2020 pp 123-142. **IF= 2.62. citations 43**
10. Chapter 17. Toxicological Testing of Plant Products, **Monica Neagu** and Carolina Constantin In: Phytochemistry, volume I, Part II: Methods and Techniques, CRC Press, 2018 ISBN: 978-1-77188-762-5.
11. Chapter 4 Immunoassay Techniques Highlighting Biomarkers in Immunogenetic Diseases, Emilia Manole, Ionela D. Popescu, Carolina Constantin, Simona Mihai, Gisela F. Gaina, Elena Codrici, Alexandra E. Bastian and **Monica T. Neagu** In: Immunogenetics, Intech, 978-1-83880-348-3, 2018 DOI: 10.5772/intechopen.75951.
12. Chapter 6 Squamous Cell Carcinoma - Biomarkers and Potential Therapeutic Targets, Vlad-Mihai Voiculescu, Constantin Caruntu, Iulia Solomon, Mihai Lupu, Mihaela Adriana Ilie, Daniel Boda, Carolina Constantin, **Monica Neagu**, In: Human Skin Cancers, Potential Biomarkers and Therapeutic Targets, Ed. Intech, ISBN 978-953-51-5584-3, 2018, pp 136-159. DOI: 10.5772/intechopen.70767.
13. Chapter 10 Nanomedicine in melanoma, Ayman El-Meghawry El-Kenawy, Carolina Constantin, Snur M. A. Hassan, Alshimaa Mohamed Mostafa, Adriana Freitas Neves, Thaise Gonçalves de Araújo, **Monica Neagu**, Page 143-159, In *Cutaneous Melanoma: Etiology and Therapy*. William H. Ward and Jeffrey M. Farma (Editors), Codon Publications, Brisbane, Australia. ISBN: 978-0-9944381-4-0; Doi: <http://dx.doi.org/10.15586/codon.cutaneousmelanoma.2017>. **citations 4**.
14. Chapter 1 *Photosensitizers imprinting intracellular signalling pathways in dermato-oncology therapy*, C. Constantin and **M. Neagu**, In: Photomedicine - Advances in Clinical Practice, Ed. Yohei Tanaka, ISBN 978-953-51-3156-4, Ed. Intech, Pp 1-27, 2017. DOI: 10.5772/65979.
15. Chapter 8 *Immunogenicity of Stem Cell in Tumorigenesis Versus Regeneration*, **Monica Neagu** and Carolina Constantin in "Stem Cells between Regeneration and Tumorigenesis", Editors Cristiana Tanase and Monica Neagu, Bentham Pbl. House, Pp. 202-234 (33), 2016.
16. Chapter 9 *New Insights in Cutaneous Melanoma Immune-Therapy — Tackling Immune-Suppression and Specific Anti-Tumoral Response*, **Monica Neagu** and Carolina Constantin in "Melanoma", Book edited by: Prof. Mandi Murph, InTech, published on-line 2015, p 225-246, ISBN 978-953-51-2036-0.
17. GHID DE ORGANIZARE A LABORATORULUI DE IMUNOLOGIE. Ioana Berindan-Neagoe, Cornelia Braicu, Roxana Cojocneanu-Petric, Carolina Constantin, Maria Dobre, Radu-Ionuț Huică, Laura Ispravă, Gina Manda, Előd Nagy, Ionela Neagoe, **Monica Neagu**, Aurora Sălăgeanu, Mihaela Surcel, Cătălin Țucureanu, Cornel Ursaciuc, Mihaela Zlei. 2014, ISBN 978-973-693-550-3.
18. Proteomics from research to clinic, Tanase C, **Neagu M**, Albuiescu R, Constantinescu S.N, Constantin C, Manole E, Popescu ID, Codrici E, Mihai S, Albuiescu L, Romanian Medical Life Ed, 2013, ISBN 978-973-160-075-8.
19. Immunogenomics, Immunotranscriptomics compendium, Ursaciuc C, **Neagu M**, Constantin C, Dobre M, Huica R, Romanian Medical Life Ed, 2013, ISBN 978-973-160-080-2.
20. Fundamental Immunology Compendium, Ursaciuc C, **Neagu M**, Manda G, Romanian Medical Life Ed, 2012, ISBN 978-973-160-057-4.
21. Chapter 5 *The immune system - a hidden treasure for biomarker discovery in cutaneous melanoma*, **Monica Neagu**, In Gregory S. Makowski, editor: Advances in Clinical Chemistry, Burlington: Academic Press vol 58, 2012 pp. 89-140 ISBN: 978-0-12-394383-5. **IF= 5.394, citations 31**.
22. Chapter 5 *Immune-therapy in cutaneous melanoma – efficacy immune markers*, **Monica Neagu**, Carolina Constantin in "Advancements in Tumor Immunotherapy and Cancer Vaccines ", pages 83-106, InTech, February 2012, ISBN 978-953-307-998-1.
23. *Dermato-oncology*, Set of 2 Volumes, Vol. 1, Vol. 2, Authors (in alphabetical order): Robert Ancuceanu, Corina Baican, Daniel Boda, Daciana Brănișteanu, Daniel Brănișteanu, Constantin Căruntu, Constantin Ciuce, Carolina Constantin, Rodica Cosgarea, Adriana Diaconeasa, Laszo Fekete, Julia Edit Fekete, Ana-Maria Forsea, Dan Forsea, Nicolae Fotin, Victor Georgescu, Daniela Guțu, Mihai Ioana, Gabriel Ianoși, Simona Ianoși, Rodica Ion, Mihaela Leventer, Francisc Mixich, Roxana Mustață, **Monica Neagu**, Dragoș Pieptu, Florian Popa, Cătălin Popescu, Raluca Popescu, Sanda Popescu, Caius Solovan, Simona Șenilă, Florica Stăniceanu, Laurențiu Vlădău, Cristiana Tănase, Dragoș Teodorescu-Brânzeu, Sabina Zurac, Editura Universitară „Carol Davila” București 2011-2013, ISBN: 978-973-708-542-9.
24. Chapter 9 Application of electron accelerators in conjunction with microwave sources for medical studies, Diana Martin, Gabriela Craciun, Irina Margaritescu, **Monica Neagu**, Elena Manaila, Daniel Ighigeanu, Laurentiu Tudor and Nicusor Iacob, in „Ultrasound and Microwave: Recent Advances in Organic Chemistry”, 2011: ISBN: 978-81-7895-532-2, Editors: Jean Pierre Bazureau and Micheline Draye
25. Chapter *Advances in Pancreatic Cancer Detection*, Cristiana Pistol Tanase, **Monica Neagu**, Radu Albuiescu, Mihail Eugen Hinescu in *Advances in Clinical Chemistry*, 51, Pages 145-180, 2010 ISBN 13: 978-0-12-380981-0 **IF= 5.394, citations 25**.
26. Methods in humoral and cellular immunology, Dorel L. Radu, Crina Stavaru, Iuliana Caras, Gina Manda, **Monica Neagu**, Eugen Radu, Cornel Ursaciuc, Laurentiu Mircea Popescu, Ed. University "Carol Davila", Bucharest, 2006, ISBN: 973-708-084-X

27. Dictionary of Biochemistry and Molecular Biology, Elena Moldovan, **Monica Neagu**, Laurentiu M. Popescu, Medical Publishing House, 2001
28. Interferences at the respiratory burst level between the signals delivered *in vitro* to human peripheral neutrophils via fMLP, complement and Fc receptors, Marinela Bostan, Alexandra Livescu, **Monica Neagu**, Gina Manda, Maria Chirila, Elena Mazalu, A. C. Bancu, L.M. Popescu, Immunoregulation in Health and Disease, Experimental and Clinical Aspects, edited by M.L.Lukic, M. Colic, Marija Mostarica-Stojkovic and K. Cuperlovic, Academic Press, Section 4: Host reactivity to graft, tumor and infection, Chapter 41, p. 431-438, 1997.

## A1 Research papers

1. 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**
2. 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**
3. Diabetic neuropathy: A NRF2 disease? **Neagu M**, Constantin C, Surcel M, Munteanu A, Scheau C, Savulescu-Fiedler I, Caruntu C. *J Diabetes*. 2023 Dec 29. doi: 10.1111/1753-0407.3524. Epub ahead of print. PMID: 38158644. **IF=4.5**
4. 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**
5. 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**
6. 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. Citations 2**
7. 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**
8. 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. **IF= 4.432. citations 2**
9. Alginate-pectin-chitosan blend in-situ gelling powders loaded with sodium hyaluronate as a potential conformable wound dressing. Chiara Amante, **Monica Neagu**, Giovanni Falcone, Paola Russo, Rita P. Aquino, Pasquale Del Gaudio, SSRN preprint, 2023, submitted to *Carbohydrate Polymers*, **IF=10.723**
10. 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, citation 7.**
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. citation 1.**
12. Langerhans Cells-Revising Their Role in Skin Pathologies, **Neagu, Monica**; Constantin, 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. citation 1**
13. 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.**
14. Re-emerging concepts of immune dysregulation in autism spectrum disorders Alina Erbescu, Sorina Mihaela Papuc, Magdalena Budisteanu, Aurora Arghir, **Monica Neagu**, *Front. Psychiatry* 13:1006612. doi: 10.3389/fpsy.2022.1006612. **IF=5.435. citation 2**
15. 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, citation 4.**
16. Protective and therapeutic potential of spices and herbs in Cancer, Bee Ling Tan, Rasha Babiker, **Monica Neagu**, Carolina Constantin and Ayman El Meghawry El-Kenawy, *Bioscience Research*, 2022, 19(3):1441-1458. [https://www.isisn.org/BR-19-3-2022/1441-1458-19\(3\)2022BR22-168.pdf](https://www.isisn.org/BR-19-3-2022/1441-1458-19(3)2022BR22-168.pdf) **IF=0.33**
17. Immunogenicity evaluation after BNT162b2 booster vaccination in healthcare workers. Zurac S, Vladan C, Dinca O, Constantin C, **Neagu M.** *Sci Rep.* 2022 Jul 26;12(1):12716. doi: 10.1038/s41598-022-16759-2. **IF= 4.543, citations 4.**
18. Skin Cancer Research Goes Digital: Looking for Biomarkers within the Droplets, Elena-Georgiana Dobre, Carolina Constantin, **Monica Neagu**, *J. Pers. Med.* 2022, 12(7), 1136; <https://doi.org/10.3390/jpm12071136>. **IF= 3.508. citations 2.**
19. 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. citation 8.**
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 Constantin, **Monica Neagu**, *J. Pers. Med.* 2022, 12, 342. <https://doi.org/10.3390/jpm12030342>. **IF=4.94, citations 9.**

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 Constantin; Cristian Scheau; **Monica Neagu**; Constantin Caruntu, *Healthcare* 2022, 10, 342. <https://doi.org/10.3390/healthcare10020342>. **IF=2.64, citation 7.**
22. 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, citations 6**
23. Safety and efficacy assessment of aerogels for biomedical applications, Tânia Ferreira-Gonçalves, Carolina Constantin, **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, citations 22.**
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 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, citation 9.**
25. Nano-carriers of COVID-19 vaccines – main pillars of efficacy, Carolina Constantin, Anissa Pisani, Giuseppe Bardi, **Monica Neagu**, *Nanomedicine* 2021, 16(26):2377-2387, <https://doi.org/10.2217/nnm-2021-0250>. **IF=5.30, citation 8.**
26. Interrogating epigenome toward personalized approach in cutaneous melanoma, Elena-Georgiana Dobre, Carolina Constantin, Marieta Costache, **Monica Neagu**, *J. Pers. Med.* 2021, 11, 901. <https://doi.org/10.3390/jpm11090901>. **IF=4.94, citations 7.**
27. 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, citation 4.**
28. Gait analysis – experience in peripheral nerve and spinal cord injury animal models, Gheorghita Isvoranu, Emilia Manole and **Monica Neagu**, *Biomedicines* 2021 Aug 19;9(8):1050. doi: 10.3390/biomedicines9081050. **IF=6.08, citations 9.**
29. Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma (Review), Mihai-Daniel Dumitrache, Ana Stefania Jieanu, Cristian Scheau, Ioana Anca Badarau, George Denis Alexandru Popescu, Ana Caruntu, Daniel Octavian Costache, Raluca Simona Costache, Carolina Constantin, **Monica Neagu**, Constantin Caruntu, *Exp Ther Med* 2021, 22(3): 917. DOI: [10.3892/etm.2021.10349](https://doi.org/10.3892/etm.2021.10349). **IF=2.44, citations 13.**
30. 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 Constantin, **Monica Neagu** *Mol Med Rep*, 2021 Aug;24(2):578 doi: 10.3892/mmr.2021.12217. Epub 2021 Jun 16. **IF=2.95, citations 25.**
31. 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, Constantin C, **Neagu M**. *Biomolecules*. 2021; 11(6):903. <https://doi.org/10.3390/Biom11060903>. **IF=4.87, citations 20.**
32. The role of IGF/IGF-IR-signaling and extracellular matrix effectors in sarcoma pathogenesis, George N. Tzanakakis, Eirini-Maria Giatagana, Aikaterini Berdiaki, Ioanna Spyridaki, Kyoko Hida, **Monica Neagu**, Aristidis M. Tsatsakis, and Dragana Nikitovic, *Cancers* 2021, 13(10), 2478; <https://doi.org/10.3390/cancers13102478>. **IF=6.63, citations 20.**
33. Neuroendocrine factors in melanoma pathogenesis, Cristian Scheau, Carmen Draghici, Mihaela Adriana Ilie, Mihai Lupu, Iulia Solomon, Mircea Tampa, Simona Roxana Georgescu, Ana Caruntu, Carolina Constantin, Monica Neagu, Constantin Caruntu, *Cancers*, 2021 13(9), 2277; <https://doi.org/10.3390/cancers13092277>. **IF=6.63, citations 9.**
34. 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, citations 22.**
35. Back to basics in COVID-19: antigens and antibodies – Completing the puzzle, **Monica Neagu**, Daniela Calina, Anca Oana Docea, Carolina Constantin, 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, <https://doi.org/10.1111/jcmm.16462>. **IF=5.31, citations 34.**
36. Glycosaminoglycans: carriers and targets for tailored anticancer therapy, Aikaterini Berdiaki, **Monica Neagu**, Eirini-Maria Giatagana, Andrey Kuskov, Aristidis Tsatsakis, George Tzanakakis, Dragana Nikitovic, *Biomolecules*, 2021, 11, 395. <https://doi.org/10.3390/biom11030395>. **IF=4.87, citations 15.**
37. 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 Constantin, **Monica Neagu**, Constantin Caruntu, *Molecules* 2021, 26, 94. <https://doi.org/10.3390/molecules26010094>. **IF=4.41, citations 21.**
38. 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 Constantin, **Monica Neagu**, *J Clin Med*, 2020 9(9), 3010; <https://doi.org/10.3390/jcm9093010>. **IF=4.24, citations 11.**
39. Proteoglycans in the pathogenesis of hormone-dependent cancers: mediators and effectors, George Tzanakakis, Eirini-Maria Giatagana, Andrey Kuskov, Aikaterini Berdiaki, Aristidis M. Tsatsakis, **Monica Neagu**, Dragana Nikitovic, *Cancers*, 2020, 12(9):E2401. doi: 10.3390/cancers12092401. **IF=6.63, citations 17.**
40. Metabolic traits in cutaneous melanoma, **Monica Neagu**, *Front Oncol*, 10: 851, 2020 doi: 10.3389/fonc.2020.00851. **IF=6.244, citations 16.**
41. IgY - turning the page toward passive immunization in COVID-19 infection, Carolina Constantin, **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, citations 23.**
42. The bumpy road to achieve herd immunity in COVID-19, **Monica Neagu**, *J Immunoassay Immunochem*, 2020, 41(6): 928–945 DOI: 10.1080/15321819.2020.1833919. **IF=0.72, citations 17.**
43. 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 Constantin and Mihaela Dinu, *Int J Mol Sci* 2020, 21(6):2114, DOI: [10.3390/ijms21062114](https://doi.org/10.3390/ijms21062114). **IF=5.924, citations 19.**
44. miRNAs in the diagnosis and prognosis of skin cancer, **Monica Neagu**, Carolina Constantin, Sanda Maria Cretoiu, Sabina Zurac, *Front Cell Dev Biol* 2020, 8:71. <https://doi.org/10.3389/fcell.2020.00071>. **IF=6.68, citations 60.**
  45. Rosmarinus plants: key farm concepts toward food application, Sharifi-Rad J, Ezzat SM, El Bishbishy MH, Mnayer D, Sharopov F, Kiliç CS, **Neagu M**, Constantin 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, citations 19.**
  46. 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 Constantin, and **Monica Neagu**, *Anal Cell Pathol* 2019, 2019, Article ID 9423907, 10 pages <https://doi.org/10.1155/2019/9423907>. **IF=2.91, highly cited, citations 238.**
  47. 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 Constantin, **Monica Neagu**, *Exp Ther Med*, 2019, 18(6):5041-5051. doi: 10.3892/etm.2019.8139. **IF=2.44, citations 16.**
  48. Proteomic Technology “Lens” for Epithelial-Mesenchymal Transition Process Identification in Oncology, Monica Neagu, Carolina Constantin, Marinela Bostan, Constantin Caruntu, Simona Rebeca Ignat, Sorina Dinescu, Marieta Costache October 2019, *Anal Cell Pathol (Amsterdam)* 2019, 1-17, 2019 Oct 29;2019:3565970. doi: 10.1155/2019/3565970. **IF=2.91, citations 11.**
  49. 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, Constantin C, 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, citations 54.**
  50. Critical assessment and integration of separate lines of evidence for risk assessment of chemical mixtures, Antonio F. Hernandez, Aleksandra Buha, Carolina Constantin, David R. Wallace, Dimosthenis Sarigiannis, **Monica Neagu**, Biljana Antonijevic, A. Wallace Hayes, Martin F. Wilks, Aristidis Tsatsakis, *Arch Toxicol*, 2019, 93(10): 2741–2757, <https://doi.org/10.1007/s00204-019-02547-x>. **IF=5.15, citations 67.**
  51. A Mechanistic and Pathophysiological Approach for Stroke Associated with Drugs of Abuse, Aristides Tsatsakis, Anca Oana Docea, Daniela Calina, Konstantinos Tsarouhas, Laura-Maria Zamfira, Radu Mitrut, Javad Sharifi-Rad, Leda Kovatsi, Vasileios Siokas, Efthimios Dardiotis, Nikolaos Drakoulis, George Lazopoulos, Christina Tsitsimpikou, Panayiotis Mitsias and **Monica Neagu**, *J. Clin. Med.* 2019, 8, 1295, 1-36. doi: 10.3390/jcm8091295. **IF=4.24, citations 74.**
  52. 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, Constantin C, **Neagu M**, Boda D, *Exp Ther Med*. 2019, 18(2):916-925. doi:10.3892/etm.2019.7513. **IF=2.44, citations 60.**
  53. 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, citations 8.**
  54. Capsaicin Effects on the Pathogenesis of Hepatocellular Carcinoma, Cristian Scheau, Ioana Anca Badarau, Constantin Caruntu, Gratiela Livia Mihai, Andreea Cristiana Didilescu, Carolina Constantin, **Monica Neagu**, *Molecules* 2019, 24, 2350; doi:10.3390/molecules24132350. **IF=4.15, citations 26.**
  55. 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 Chifiriuc, Coriolan Ulmeanu, Cornel Ursaciuc, **Monica Neagu**, *Exp Ther Med* 2019, 18(3):1693-1700. doi: 10.3892/etm.2019.7714, **IF=2.44, citations 9.**
  56. Plasmatic levels of neuropeptides, including oxytocin, in children with autism spectrum disorder, correlate with the disorder severity. Kobylińska L, Panaitescu AM, Gabreanu G, Anghel CG, Mihăilescu I, Rad F, Nedelcu C, Mocanu I, Constantin C, Badescu SV, Dobrescu I, **Neagu M**, Geicu OI, Zagrean L, Zagrean AM, *Acta Endocrinol* (Buchar). 2019, 5(1):16-24. doi: 10.4183/aeb.2019.16, **IF=0.73, citations 13.**
  57. Atomic force microscopy and dark-toxicity pattern of unsymmetrical metallated porphyrins M(II)P-type as theranostics agents, Radu Socoteanu, Mihai Anastasescu, Rica Boscencu, Carolina Constantin, **Monica Neagu**, *Mat Sci Eng B* 245, 2019, 85–94. <https://doi.org/10.1016/j.mseb.2019.05.012>. **IF=4.05, citation 1.**
  58. Inflammation and metabolism in cancer cell – mitochondria key player, **Monica Neagu**, Carolina Constantin, Iulia Dana Popescu, Donato Zipeto, George Tzanakakis, Dragana Nikitovic, Concettina Fenga, Constantine A. Stratakis, Demetrios A. Spandidos, Aristidis M. Tsatsakis, *Front Oncol*, 9:348, 2019 doi: 10.3389/fonc.2019.00348. **IF=6.244, citations 96.**
  59. An Opinion Paper on Aerogels for Biomedical and Environmental Applications, Carlos A. García-González, Tatiana Budtova, Luisa Durães, Can Erkey, Pasquale Del Gaudio, Pavel Gurikov, Matthias Koebel, Falk Liebner, **Monica Neagu**, Irina Smirnova, *Molecules* 2019, 24(1815): 2-15, doi:10.3390/molecules24091815. **IF=4.15, citations 99.**
  60. Proteoglycans and immunobiology of cancer - therapeutic implications, George N Tzanakakis, **Monica Neagu**, Aristidis M Tsatsakis, Dragana Nikitovic, *Front Immunol*, section Cancer Immunity and Immunotherapy, 2019, 10: Article 875. doi: 10.3389/fimmu.2019.00875. **IF=7.56, citations 31.**
  61. The blood-brain barrier and beyond: Nano based neuropharmacology and the role of extracellular matrix, Henrich-Noack Petra, Nikitovic Dragana, **Neagu Monica**, Docea Anca Oana, Engin Ayse Basak, Gelperina Svetlana, Mitsias Panagiotis, Tzanakakis George, Gozes Illana, Tsatsakis Aristidis, *Nanomedicine: Nanotechnology, Biology and Medicine*, 2019, 17 (2019) 359–379, doi: 10.1016/j.nano.2019.01.016. **IF=6.45, citations 40.**
  62. Advances in Understanding the Immunological Pathways in Psoriasis. Georgescu SR, Tampa M, Caruntu C, Sarbu MI, Mitran CI, Mitran MI, Matei C, Constantin C, **Neagu M**. *Int J Mol Sci*. 2019, 10;20(3). pii: E739. doi: 10.3390/ijms20030739. **IF=5.542,**



**citations 89.**

63. Photodynamic therapy: A hot topic in dermato-oncology (Review), Mircea Tampa, Maria-Isabela Sarbu, Clara Matei, Cristina-Iulia Mitran, Madalina-Irina Mitran, Constantin Caruntu, Carolina Constantin, **Monica Neagu**, Simona-Roxana Georgescu, *Oncol Lett*, 2019, 17: 4085-4093, <https://doi.org/10.3892/ol.2019.9939>. **IF=2.96, citations 72.**
64. Epitranscriptomic signatures in lncRNAs and their possible roles in cancer, Sorina Dinescu, Simona Ignat, Andreea Lazar, Carolina Constantin, **Monica Neagu**, Marieta Costache, *Genes*, 2019, 10, 52; 1-27, doi:10.3390/genes10010052. **IF=4.09, citations 67.**
65. 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](https://doi.org/10.3892/ol.2019.10069). **IF=2.96, citations 14.**
66. Multiplex assay for multiomics advances in personalized-precision medicine, Maria-Linda Popa, Radu Albulescu, **Monica Neagu**, Mihail Eugen Hinescu & Cristiana Tanase, *J Immunoassay Immunochem*, 2019, 40:1, 3-25. <https://doi.org/10.1080/15321819.2018.156294>. **IF=0.71, citations 8.**
67. Alveolar blood clots and platelet-rich fibrin inducing *in vitro* fibroblasts proliferation and migration, Mihai Bucur, Carolina Constantin, **Monica Neagu**, Sabina Zurac, Octavian Dinca, Cristian Vladan, Mirela Cioplea, Cristiana Popp, Luciana Nichita, Ecaterina Ionescu, *Exp Med Res*, 2019, 17: 982-989. <https://doi.org/10.3892/etm.2018.7063>. **IF=2.44, citations 13.**
68. Current and Future Applications of Confocal Laser Scanning Microscopy Imaging in Skin Oncology, Ilie Mihaela Adriana, Caruntu Constantin, Lupu Mihai, Tampa Mircea, Georgescu Simona-Roxana, Bastian Alexandra, Constantin Carolina, **Neagu Monica**, Zurac Sabina Andrada, Boda Daniel, *Oncol Lett*, 2019, 17(5): 4102-4111. **IF=2.96, citations 47.**
69. 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, citations 91.**
70. *In vivo* Confocal Laser Scanning Microscopy Imaging of Skin Inflammation: Clinical Applications and Research Directions, Ilie Mihaela Adriana, Caruntu Constantin, Tampa Mircea, Georgescu Simona-Roxana, Lixandru Daniela, Constantin Carolina, **Neagu Monica**, Zurac Sabina Andrada, Boda Daniel, *Exp Ther Med*. 2019, 17:1004–1011. <https://doi.org/10.3892/etm.2018.6981>. **IF=2.44, citations 41.**
71. 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, citations 19.**
72. Potential pathogenic mechanisms involved in the association between lichen planus and hepatitis C virus infection (Review), Simona Roxana Georgescu, Mircea Tampa, Madalina Irina Mitran, Cristina Iulia Mitran, Maria Isabela Sarbu, Ilinca Nicolae, Clara Matei, Constantin Caruntu, **Monica Neagu**, Mircea Ioan Popa, *Exp Ther Med* 2019, 17:1045–1051. <https://doi.org/10.3892/etm.2018.6987>. **IF=2.44, citations 31.**
73. Unveiling Ga (III) phthalocyanine – a different photosensitizer in neuroblastoma cellular model, Carolina Constantin, Andreea - Roxana Lupu, Tudor E. Fertig, Mihaela Gherghiceanu, Sevinci Pop, Rodica-Mariana Ion, and **Monica Neagu**, *J Cell Mol Med* 2019, 23(2): 1086-1094. DOI: 10.1111/jcmm.14009. **IF=5.31, citations 4.**
74. Chemical-induced contact allergy: from mechanistic understanding to risk prevention. Corsini E, Engin AB, **Neagu M**, Galbiati V, Nikitovic D, Tzanakakis G, Tsatsakis AM, *Arch Toxicol*. 2018, 92(10):3031-3050. doi: 10.1007/s00204-018-2283-z. **IF=4.21, citations 19.**
75. 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, citations 6.**
76. Positioning Europe for the EPITRANSCRIPTOMICS challenge. Jantsch MF, Quattrone A, O'Connell M, Helm M, Frye M, Macias-Gonzales M, Ohman M, Ameres S, Willems L, Fuks F, Oulas A, Vanacova S, Nielsen H, Bousquet-Antonelli C, Motorin Y, Roignant JY, Balatsos N, Dinnyes A, Baranov P, Kelly V, Lamm A, Rechavi G, Pelizzola M, Liepins J, Holodnuka Kholodnyuk I, Zammit V, Ayers D, Drablos F, Dahl JA, Bujnicki J, Jeronimo C, Almeida R, **Neagu M**, Costache M, Bankovic J, Banovic B, Kyselovic J, Valor LM, Selbert S, Pir P, Demircan T, Cowling V, Schäfer M, Rossmannith W, Lafontaine D, David A, Carre C, Lyko F, Schaffrath R, Schwartz S, Verdell A, Klungland A, Purta E, Timotijevic G, Cardona F, Davalos A, Ballana E, O Carroll D, Ule J, Fray R. *RNA Biol*. 2018;1-3. doi: 10.1080/15476286.2018.1460996. **IF=4.65, citations 16.**
77. Neuroendocrine factors and head and neck squamous cell carcinoma – an affair to remember, Iulia Solomon, Vlad Mihai Voiculescu, Constantin Caruntu, Mihai Lupu, Alexandra Popa, Mihaela Adriana Ilie, Radu Albulescu, Ana Caruntu, Cristiana Tanase, Carolina Constantin, **Monica Neagu**, Daniel Boda, *Dis Markers*, 2018, Article ID 9787831, 12 pages. doi: 10.1155/2018/9787831. **IF=3.43, citations 39.**
78. Human papilloma virus: Apprehending the link with carcinogenesis and unveiling new research avenues (Review). Boda D, Docea AO, Calina D, Ilie MA, Caruntu C, Zurac S, **Neagu M**, Constantin C, Branisteanu DE, Voiculescu V, Mamoulakis C, Tzanakakis G, Spandidos DA, Drakoulis N, Tsatsakis AM. *Int J Oncol*. 2018;52(3):637-655. doi: 10.3892/ijo.2018.4256. **IF=5.65, highly cited, citations 129.**
79. Markers of oral lichen planus malignant transformation, Mircea Tampa, Constantin Caruntu, Madalina Mitran, Cristina-Iulia Mitran, Maria-Isabela Sarbu, Laura-Cristina Rusu, Clara Matei, Carolina Constantin, **Monica Neagu**, Simona-Roxana Georgescu, *Dis Markers* 2018 (2018), Article ID 1959506, 13 pages; DOI: [10.1155/2018/1959506](https://doi.org/10.1155/2018/1959506). **IF=3.43, citations 60.**
80. Capsaicin: Friend or Foe in Skin Cancer and Other Related Malignancies? Simona-Roxana Georgescu, Maria-Isabela Sârbu, Clara Matei, Mihaela Adriana Ilie, Constantin Caruntu, Carolina Constantin, **Monica Neagu**, Mircea Tampa, *Nutrients* 2017, 9, 1365, (14 pages) DOI 10.3390/nu9121365. **IF=5.71, citations 42.**
81. 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, Article ID 9212134, 10 pages,

<https://doi.org/10.1155/2017/9212134>, **IF=4.818, citations 30**.

82. Real-Time Investigation of Skin Blood Flow Changes Induced by Topical Capsaicin, Mihaela Adriana Ghiță, Constantin Căruntu, Adrian Eugen Rosca, Ana Căruntu, Liliana Moraru, Carolina Constantin, **Monica Neagu**, Daniel Boda, *Acta Dermatovenerol Croat*, 2017; 25(3):223-227. **IF=1.25, citations 18**.
83. Preliminary insights in oxytocin association with the onset of diabetic neuropathy, Kobylinska, L, Ghita, MA, Caruntu, C; Gabreanu, G; Tataru, CP; Badescu, SV; Geicu, O; **Neagu, M**; Constantin, C; Dobrescu, I; Zagrean, L, *Acta Endo (Buc)* 2017, 13 (2): 249-253. **IF=0.877, citations 7**.
84. Neuroendocrine Factors: The Missing Link In Non-Melanoma Skin Cancer (Review), Mihai Lupu, Ana Caruntu, Constantin Caruntu, Laura Maria Lucia Papagheorghe, Mihaela Adriana Ilie, Vlad Voiculescu, Daniel Boda, Constantin Carolina, Cristiana Tanase, Maria Sifaki, Nikolaos Drakoulis, Charalampos Mamoulakis, George Tzanakakis, **Monica Neagu**, Demetrios A. Spandidos, Boris N. Izotov, Aristides M. Tsatsakis, *Oncol Rep*, 2017, 38(3): 1327-1340. DOI: 10.3892/or.2017.5817. **IF=3.90, citations 54**.
85. Mechanistic understanding of nanoparticles' interactions with extracellular matrix: The cell and immune system, Ayse Basak Engin, Dragana Nikitovic, **Monica Neagu**, Petra Henrich-Noack, Anca Oana Docea, Mikhail I Shtilman; Kirill Golokhvast; Aristidis M. Tsatsakis, *Part Fibre Toxicol*, 2017, 14(1):22. DOI 10.1186/s12989-017-0199-z. **IF=9.4, highly cited, citations 149**.
86. Innovative array-based assay for omics pattern in melanoma, Carmen Dumitru, Carolina Constantin, Cristiana Popp, Mirela Cioplea, Sabina Zurac, Tatiana Vassu, **Monica Neagu**, *J Immunoassay Immunochem*, 2017, 38(4): 343-354, <http://dx.doi.org/10.1080/15321819.2017.1340898>. **IF=0.72, citation 1**.
87. Surface-Enhanced Laser Desorption/Ionization Mass Spectrometry for Biomarker Discovery in Cutaneous Melanoma, Carolina Constantin, Amanda Bulman, Diane McCarthy, **Monica Neagu**, *Curr Proteomics* 2017, 14 (2): 100-111. **IF=0.837, citations 2**.
88. Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach, AM Tsatsakis, D Kouretas, MN Tzatzarakis, P Stivaktakis, K Tsarouhas, KS Golokhvast, VN Rakitskii, VA Tutelyan, AF Hernandez, R Rezaee, G Chung, C Fenga, AB Engin, **M Neagu**, AL Arsene, AO Docea, E Gofita, D Calina, I Taitzoglou, J Liesivuori, AW Hayes, S Gutnikov, C Tsitsimpikou, *Human Exp Toxicol*, 2017, 36(6):554-564. doi: 10.1177/0960327116681652. **IF=2.903, highly cited, citations 128**.
89. Toxicological and efficacy assessment of post-transition metal (Indium) phthalocyanine for photodynamic therapy in neuroblastoma. **Neagu M**, Constantin C, Tampa M, Matei C, Lupu A, Manole E, Ion RM, Fenga C, Tsatsakis AM. *Oncotarget*. 2016, 7(43):69718-69732. doi: 10.18632/oncotarget.11942. **IF=5.16, citations 30**.
90. The Role of Estrogens and Estrogen Receptors in Melanoma Development and Progression, Caruntu C, Mirica A, Rosca AE, Mirica R, Caruntu A, Tampa M, Matei C, Constantin C, **Neagu M**, Badarau AI, Badiu C, Moraru L, *Acta Endo (Buc)* 2016, 12 (2): 234-241, doi: 10.4183/aeb.2016.234. **IF=0.877, citations 24**.
91. HPV strain distribution in patients with genital warts in a female population sample, Daniel Boda, **Monica Neagu**, Carolina Constantin, Razvan Nicolae Voinescu, Constantin Caruntu, Sabina Zurac, Demetrios A. Spandidos, Nikolaos Drakoulis, Dimitrios Tsoukalas and Aristides M. Tsatsakis, *Oncol Lett* 2016, 12: 1779-1782, DOI: 10.3892/ol.2016.4903. **IF=2.96, citations 37**.
92. Protein bio-corona - critical issue in immune-nano-toxicology, **Monica Neagu**, Zoi Piperigkou, Konstantina Karamanou, Ayse Basak Engin, Anca Oana Docea, Carolina Constantin, Carolina Negrei, Aristidis Tsatsakis, *Arch Toxicol*. 2017, 91(3):1031-1048. DOI 10.1007/s00204-016-1797-5. **IF=4.21, highly cited, citations 167**.
93. Cellular impedance measurement – novel method for *in vitro* investigation of drug efficacy, Mircea Tampa, Clara Matei, Constantin Caruntu, Teodor Poteca, Dana Mihaila, Catalin Paunescu, Gabriel Pitigoi, Simona-Roxana Georgescu, Carolina Constantin, **Monica Neagu**, *Farmacia*, 64(3), 430-434, 2016. **IF=1.43, citations 8**.
94. Chemically induced skin carcinogenesis– up-dates in experimental models, **M. Neagu**, C. Caruntu, C. Constantin, D. Boda, S. Zurac, D.A. Spandidos, AM Tsatsakis, *Oncol Rep*, 2016, 35(5):2516-28. doi: 10.3892/or.2016.4683. **IF= 3.906, citations 95**.
95. Reflectance confocal microscopy and dermoscopy for *in vivo*, noninvasive skin imaging of superficial basal cell carcinoma, Mihaela A Ghita, Constantin Caruntu, Adrian E Rosca, Harillaq Kaleshi, Ana Caruntu, Liliana Moraru, Sabina Zurac, Daniel Boda, **Monica Neagu**, Demetrios A. Spandidos, Aristidis M. Tsatsakis, *Oncol Lett*, 2016, 11 (5), 3019-3024. DOI: 10.3892/ol.2016.4354. **IF=2.96, citations 43**.
96. Variations in the expression of TIMP1, TIMP2 and TIMP3 in cutaneous melanoma with regression and their possible function as prognostic predictors, Sabina Zurac, **Monica Neagu**, Carolina Constantin, Mirela Cioplea, Roxana Nedelcu, Alexandra Bastian, Cristiana Popp, Luciana Nichita, Razvan Andrei, Tiberiu Tebeica, Cristiana Tanase, Virginia Chitu, Constantin Caruntu, Mihaela Ghita, Catalin Popescu, Daniel Boda, Bogdan Mastalier, Nicoleta Maru, Claudiu Daha, Bogdan Andreescu, Ioan Marinescu, Adrian Rebosapca, Florica Staniceanu, Gabriela Negroiu, Daniela A. Ion, Dragana Nikitovic, George N. Tzanakakis, Demetrios A. Spandidos and Aristidis M. Tsatsakis, *Oncol Lett*, 11: 3354-3360, 2016. **IF=2.96, citations 63**.
97. Immune based therapy for melanoma, Robert Ancuceanu, **Monica Neagu**, *Indian J Med Res*, 2016, 143(2), 135-144. **IF=2.37, citations 16**.
98. Proteomic Approaches for Biomarker Panels in Cancer. Tanase C, Albulescu R, **Neagu M**. *J Immunoassay Immunochem*. 2016, 37(1): 1-15. **IF=0.72, citations 17**.
99. Proteomics focusing on immune markers in psoriatic arthritis, Caruntu, Constantin; Boda, Daniel; Dumitrascu, Georgiana; Constantin, Carolina; Neagu, Monica, *Biomarkers In Medicine* 2015, **IF=2.851, citations 41**
100. Interleukin 8 - Major Player in Cutaneous Melanoma Metastasis Process, Amalia-Elena Anghel, Corina-Daniela Ene, Ilinca Nicolae, Vlad Andrei Budu, Carolina Constantin, **Monica Neagu**, *Roum Biotechnol Lett*, 2015, 20(6):10911-10920. **IF=0.76, citations 5**.
101. Nanoparticles and Endothelium: An Update on the Toxicological Interactions, Ayse Basak Engin, **Monica Neagu**, Kirill Golokhvast, Aristidis Tsatsakis, *Farmacia*, 2015, 63 (6): 792-804. **IF=1.43, citations 16**.
102. 25-OH Vitamin D and Interleukin-8 Emerging Biomarkers in Cutaneous Melanoma Development and Progression, Corina-Daniela Ene, Amalia-Elena Anghel, **Monica Neagu** and Ilinca Nicolae, *Mediators Inflamm*, 2015,1-8, Article ID 904876. **IF=4.71, citations 17**.

103. Monitoring diabetic nephropathy by circulating gangliosides, Corina Daniela Ene, Mircea Penescu, Amalia Anghel, **Monica Neagu**, Vlad Budu, Ilinca Nicolae, *J Immunoassay Immunochem.* 2015, 37:1, 68-79, DOI: [10.1080/15321819.2015.1050107](https://doi.org/10.1080/15321819.2015.1050107). **IF=0.72, citations 11.**
104. Chemokines in the Melanoma Metastasis Biomarkers Portrait. **Neagu M**, Constantin C, Longo C, *J Immunoassay Immunochem.* 2015; 36(6):559-66. **IF=0.72, citations 32.**
105. Fluorescent Porphyrin with an Increased Uptake in Peripheral Blood Cell Subpopulations from Colon Cancer Patients. Constantin C, **Neagu M.** *Med Chem.* 2015;11(4):354-63. **IF=2.74, citations 3.**
106. Circulating biomarker panels for targeted therapy in brain tumors. Tanase C, Albuiescu R, Codrici E, Popescu ID, Mihai S, Enciu AM, Cruceru ML, Popa AC, Neagu AI, Necula LG, Mambet C, **Neagu M.** *Future Oncol.* 2015 11(3):511-524. <https://doi.org/10.2217/fon.14.238>. **IF=2.66, citations 14.**
107. Catecholamines Increase In Vitro Proliferation Of Murine B16F10 Melanoma, Caruntu, C.; Boda, D.; Constantin, C.; Caruntu, A.; Neagu, M, *Acta Endocrinologica-Bucharest*, 10(4), 545-558, 2014. **IF=0.877, citations 36.**
108. Protein microarray for complex apoptosis monitoring of dysplastic oral keratinocytes in experimental photodynamic therapy, Clara Matei, Mircea Tampa, Constantin Caruntu, Rodica-Mariana Ion, Simona-Roxana Georgescu, Georgiana Roxana Dumitrascu, Carolina Constantin and **Monica Neagu**, *Biol Res*, 2014, 47(1): 33-41. **IF=5.61, citations 25.**
109. Signal transduction molecule patterns indicating potential glioblastoma therapy approaches Cruceru ML, Enciu AM, Popa AC, Albuiescu R, **Neagu M**, Tanase CP, Constantinescu SN, *Onco Targets Ther.* 2013; 6:1737-49. **IF=4.14, citations 29.**
110. Increased number of fractionated irradiation sessions does not improve the cellular response to methyl aminolevulinate-mediated photodynamic Therapy, Calin Mihaela Antonina, Calin Marian Romeo, Petrescu Emil, **Neagu Monica**, *Photodiagnosis Photodyn Ther* 2013, 10, 526—534. **IF=3.63, citations 2.**
111. Immune parameters in prognosis and therapy monitoring of cutaneous melanoma patients - experience, role and limitations, **Monica Neagu**, Carolina Constantin, Sabina Zurac, *BioMed Res Int*, special issue *Molecular Biomarkers: Tools of Medicine (MBTM)* Volume 2013, 15 November 2013 Article ID 107940. **IF=3.41, citations 40.**
112. Immunomics in skin cancer - improvement in diagnosis, prognosis and therapy monitoring, Amanda Bulman, **Monica Neagu**, Carolina Constantin, *Curr Proteomics*, 2013, 10(3): 202 – 217. **IF=0.837, citations 29.**
113. Therapy Targets in Glioblastoma and Cancer Stem Cells: Lessons from Hematopoietic Neoplasms, Maria Linda Cruceru, **Monica Neagu**, Jean-Baptiste Demoulin, and Stefan N. Constantinescu, *J Cell Mol Med*, 2013, 17(8): 1218-35. doi: 10.1111/jcmm.12122. **IF=5.31, citations 49.**
114. Zinc Trisulphonated Phthalocyanine Used in Photodynamic Therapy of Dysplastic Oral Keratinocytes, Mircea Tampa, Clara Matei, Sanda Popescu, Simona-Roxana Georgescu, **Monica Neagu**, Carolina Constantin, Rodica-Mariana Ion, *Rev. Chim.* (Bucharest), 2013, 64(6), 639-645. **IF=1.75, citations 21.**
115. The C-terminal decapeptide of prothymosin  $\alpha$  is responsible for its stimulatory effect on the functions of human neutrophils in vitro. Samara P, Ioannou K, **Neagu M**, Arnoigiannaki N, Ardavanis A, Voelter W, Tsitsilonis O. *Int Immunopharmacol.* 2013, 15(1):50-7. **IF=4.93, citations 18.**
116. Spectrum of morphologic alterations of regression in cutaneous melanoma--potential for improving disease prognosis, Zurac S, Negroiu G, Petrescu S, Andrei R, Tebeica T, Popp C, Muștăță R, **Neagu M**, Constantin C, Solovan C, Chițu V, Reboșapcă A, Andreescu B, Marinescu I, Stăniceanu F. *Rom J Intern Med.* 2012, 50(2):145-53. **IF=1.04, citations 9**
117. Photodynamic Properties of Aluminium Sulphonated Phthalocyanines in Human Displazic Oral Keratinocytes Experimental Model C. Matei, M. Tampa, R.M. Ion, **M. Neagu**, C. Constantin, *Digest Journal of Nanomaterials and Biostructures* 2012, 7(4):1535-1547. **IF= 0.963, citations 21.**
118. Synthesis, photophysical and cytotoxicity evaluation of A(3)B type mesoporphyrinic compounds, Luís F. Vieira Ferreira, Diana P. Ferreira, Anabela S. Oliveira, Rica Boscencu, Radu Socoteanu, Mihaela Ilie, Carolina Constantin, **Monica Neagu**, *Dyes and Pigments*, 2012, 95(2): 296-303. **IF=4.88, citations 26.**
119. Application of 3D hydrogel microarrays in molecular diagnostics: advantages and limitations. Tanase CP, Albuiescu R, **Neagu M.** *Exp Rev Mol Diagn.* 2011, 11(5):461-4. doi: 10.1586/ERM.11.30. **IF=5.22, citations 27..**
120. Tissue and soluble miRNAs for diagnostic improvement and therapy in digestive tract cancers, Radu Albuiescu, **Monica Neagu**, Lucian Albuiescu, Cristiana Tanase, *Exp Rev Mol Diagn*, 11(1), 2011, 101-120. **IF=5.22, citations 41.**
121. Statistical correlations between peripheral blood lymphocyte subpopulations and tumour inflammatory infiltrate in stage I of skin melanoma Mariana Costache, Monica Neagu, Angela Petrescu, Carolina Constantin, Gina Manda, Camelia Vrabie, Mariana Waller, C.S. Petrescu, Olga Simionescu, *Rom J Morphol Embryol* 2010, 51(4): 693-699. **IF=1.03, citations 4.**
122. Immune-related biomarkers for diagnosis/prognosis and therapy monitoring of skin melanoma, **Monica Neagu**, Carolina Constantin, Cristiana Tanase, *Exp Rev Mol Diagn*, 2010, 10(7): 897-921. **IF=5.22, citations 41.**
123. Porphyrin (TPP)–Polyvinylpyrrolidone (PVP)–Fullerene (C60) Triad as Novel Sensitizer in Photodynamic Therapy, Rodica Mariana Ion, Radu Claudiu Fierascu, **Monica Neagu**, Carolina Constantin, Crina Stavaru, *Science of Advanced Materials*, 2010, 2: 223–229. **IF=1.47, citations 9.**
124. Microwave synthesis, basic spectral and biological evaluation of some copper (II) mesoporphyrinic complexes. Boscencu R, Ilie M, Socoteanu R, Oliveira AS, Constantin C, **Neagu M**, Manda G, Ferreira LF. *Molecules.* 2010;15(5):3731-43. **IF= 4.15, citations 24.**
125. Antitumoral Effect of Calixarenes on Experimental Photodynamic Therapy with K562 Tumor Cell Line, **Monica Neagu**, Rodica - Mariana Ion, Gina Manda, Carolina Constantin, Eugen Radu, Zoia Cristu, *Romanian Journal of Biochemistry*, 2010, 47(1): 17-35. **IF= 3.387, citations 14.**
126. Fullerene-porphyrin nanostructures in photodynamic therapy, Carolina Constantin, **Monica Neagu**, Rodica-Mariana Ion, Mihaela Gherghiceanu, Crina Stavaru, *Nanomedicine*, 2010, 5(2): 307-317. **IF=5.93, citations 61.**
127. Key signaling molecules in pituitary tumors, Cristiana Pistol Tanase, **Monica Neagu**, Radu Albuiescu, *Exp Rev Mol Diagn*, 2009, 9(8): 859-877. **IF=5.22, citations 27.**

128. New Bicyclo[2.2.1]heptane Nucleoside Analogues as Antitumor Agents, C. Tanase, F.G. Cocu, M.T. Caproiu, **Monica Neagu**, Gina Manda, *Rev. Chim.* (Bucuresti), 2009, 60(2): 147-151. **IF=1.75, citations 4.**
129. Biomarkers of metastatic melanoma, **Neagu Monica**, Constantin Carolina, Manda Gina, Margaritescu Irina, *Biomark Med*, 2009,3(1):71-89. **IF=2.851, citations 27.**
130. Preliminary study on the immunologic background of good clinical outcome in rheumatoid arthritis patients after one month therapy with leflunomide. Manda G, **Neagu M**, Constantin C, Neageo I, Codreanu C. *Rheumatol Int.* 2009, 29(8):937-46. **IF=2.63, citations 6.**
131. Cell Investigations Simultaneous with Exposure to 2.45 GHz Microwaves, D. Martin, S. Cinca, I. Margaritescu, **M. Neagu**, C. Matei, N. Iacob, D. Ighigeanu, G. Craciun, E. Manaila, D. Chirita, M. Moisesescu, *Journal of Microwave Power and Electromagnetic Energy* 2008, 42 (4): 751-754 ISSN: 0832-7832. **IF=1.32, citation 4.**
132. Combined Microwave and Electron Beam Exposure Facilities for Medical Studies and Applications, D. Martin, S. Cinca, I. Margaritescu, **M. Neagu**, N. Iacob, D. Ighigeanu, C. Matei, G. Craciun, E. Manaila, D. Chirita, M. Moisesescu, *Journal of Microwave Power and Electromagnetic Energy* 2008, 42 (4): 771-774 ISSN: 0832-7832. **IF=1.32, citation 1.**
133. Synthetic porphyrins in experimental photodynamic therapy induce different antitumoral effect, **Monica Neagu**, Gina Manda, Carolina Constantin, Eugen Radu and Rodica-Mariana Ion, *J Porphyrins Phthal*, 2007, 11 (1): 58-65 ISSN: 1088-4246. **IF=1.811, citations 21.**
134. Patients with primary antiphospholipid syndrome and coronary microvascular dysfunction – a distinct clinical set, Cristina Tanaseanu, Elena Moldoveanu, St. Tanaseanu, Monica Popescu, Alina Dumitrascu, Isabela Tamsula, Antoaneta Urban, Viorica Grecu, **Monica Neagu**, Gabriela Manea, Daciana Marta, *Rom. J Intern Med*, 2004, 42(3):545-556. **IF=1.04, citations 4.**
135. The immunologically active site of prothymosin alpha is located at the carboxy-terminus of the polypeptide. Evaluation of its in vitro effects in cancer patients, Skopeliti, Margarita; Voutsas, Ioannis F.; Klimentzou, Persefoni; Tsiatas, Marinos L.; Beck, Alexander; Bamias, Aristotelis; Moraki, Maria; Livaniou, Evangelia; Neagu, Monica; Voelter, Wolfgang; Tsitsilonis, Ourania E, *Cancer Immunology Immunotherapy*, 55(10), 1247-1257, 2006. **IF=6,968, Citations 35**
136. The significance of human platelet activating factor – acetylhydrolase in patients with chronic stable angina, Cristina Tanaseanu, Elena Moldoveanu, Tetsuya Kosaka, Stefanita Tanaseanu, **Monica Neagu**, Laurentiu M Popescu, *Eur J Intern Med.*, 2004, 15(5):291-297, 2004 ISSN: 0953-6205. **IF=4.62, citations 5.**
137. Plasma membrane potential interferes with the respiratory burst of peripheral granulocytes, Alexandra Livescu, Gina Manda, Carolina Constantin, **Monica Neagu**, Dana Iordachescu, *J Cell Mol Med* 2003, 7(1): 73-78. **IF=5.31, citation 4.**
138. Imbalance between peripheral B lymphocytes and NK cells in rheumatoid arthritis, G. Manda, **M. Neagu**, A. Livescu, C. Constantin, C. Codreanu, A. Radulescu, *J Cell Mol Med*, 2003, 7(1): 79-88. **IF=5.31, citations 14.**
139. Platelet-Activating factor acetylhydrolase activity in patients with chronic stable angina (preliminary results), Tanaseanu C., Moldoveanu E, Kosaka T., **Neagu M.**, Tanaseanu S., Popescu M., Tamsulea I., Urban A., *Rom J Int Med*, 2003, 41(2):145-152., **IF=1.04**
140. The in vitro effect of a low molecular weight heparin, nadroparin (Fraxiparine), on leukocytes obtained from patients with vascular disease, **Monica Neagu**, Gina Manda, Carolina Constantin, Cristina Tanaseanu, D. P. Mikhailidis, *Int Angiol*, 2001, 20 (2), 164-173. ISSN: 1061-1711. **IF=2.1, citations 2.**
141. Effects of synovial fluid on the respiratory burst of granulocytes in rheumatoid arthritis, Marinela Bostan, Lorelai Brasoveanu, Alexandra Livescu, Gina Manda, **Monica Neagu**, Dana Iordachescu, *J Cell Mol Med*, 2001, 5(2): 188-194. **IF=5.41, citations 12**
142. Selective immunosuppression by administration of MHC class II - binding peptides. II Preventive inhibition of primary and secondary in vivo antibody response, J-Ch. Guery, **Monica Neagu**, Gemma Rodriguez-Tarduchy, L. Adorini, *J. Exp. Med.*, 1993, 177: 128 – 136. ISSN: 0022-1007. **IF=14.30, citations 21.**
143. In vivo and in vitro effect of Cantastim, an immunomodulatory agent extracted from a highly pathogenic *Pseudomonas aeruginosa* strain, A. Olinescu, Sanda Hristescu, Aurora Salageanu, Gina Manda, **Monica Neagu**, *Neoplasma*, 1991, 38 (1): 119-128., ISSN 0028-2685. **IF= 2.575, citation 1.**

## P1 research papers

1. 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>.
2. Looking into the Skin in Health and Disease: From Microscopy Imaging Techniques to Molecular Analysis, Editorial Special issue, Constantin Caruntu, Mihaela Adriana Ilie, **Monica Neagu**, *Int J Mol Scie*, 24, 13737. <https://doi.org/10.3390/ijms2418137372023>, **IF= 5.6**
3. Nanomaterials for the diagnosis and therapy of viral infections Editorial, Giuseppe Bardi, Donato Zipeto, **Monica Neagu**, Dragana Nikitovic, *Frontiers in Bioengineering and Biotechnology*, section Nanobiotechnology, 2023 manuscript ID: 1192393. <https://doi.org/10.3389/fbioe.2023.1192393>. **IF= 6.064**
4. Skin Inflammation—A Cornerstone in Dermatological Conditions. Tampa M, **Neagu M**, Caruntu C, Constantin C, Georgescu SR. *J Pers Med.* 2022; 12(9):1370. <https://doi.org/10.3390/jpm12091370>. **IF=4.94.**
5. Personalized Medicine in the Field of Inflammatory Skin Disorders, Editorial, Mircea Tampa, **Monica Neagu**, Constantin Caruntu, Simona Roxana Georgescu, *J. Pers.Med.* 2022, 12, 426. <https://doi.org/10.3390/jpm12030426>. **IF=4.94, citation 2.**
6. Moving Forward in Nano-Immune Interactions, Editorial, Giuseppe Bardi, **Monica Neagu** June 2022, *Nanomaterials* 12(12):2033, DOI: 10.3390/nano12122033. **IF=5.076**

7. Neuroreceptors and neurotoxic effect through altered synaptic transmission of neurotransmitters, Ayse Basak Engin, **Monica Neagu**, *Current Opinion in Toxicology*, Volume 28, December 2021, Pages iii-vi. <https://www.sciencedirect.com/science/article/pii/S2468202021000644?via%3Dihub>
8. Pandemics of our times: AH1N1 influenza versus COVID-19-features of fatal cases in Romania, Popp, C, Nichita, L, **Neagu, M**, Constantin, C, Dumitru, C, Busca, M, Cioplea, M, Sticlaru, L, Cioroiu, A, Mogodici, C, Zurac, SA, *Virchows Archiv*, Vol. 479, Issue SUPPL 1, Page S1-S2, Supplement 1, Special Issue SI, Meeting Abstract OFP-01-003, Published Aug 2021. **IF=3.31.citation 1**.
9. Multi-Omics-Driven Biomarkers for Precision Medicine in Cutaneous Melanoma, Elena Georgiana Dobre, **Monica Neagu**, MDPI in 1st International Electronic Conference on Biomedicine session Translational Biomarkers in Clinical Biomedicine and Precision Medicin, *Biol. Life Sci. Forum* **2021**, 7(1), 20; <https://doi.org/10.3390/ECB2021-10280>
10. Omics biomarkers as translational medicine tools in skin malignancies, Constantin, Carolina; Surcel, Mihaela; Munteanu, Adriana Narcisa; Caruntu, Ana; Caruntu, Constantin; Zurac, Sabina; **Neagu, Monica**, *European Journal Of Immunology*, 51, 48, 2021, **IF= 5.532**
11. Phenotypic characteristics of Natural Killer cells from melanoma-bearing mice, Isvoranu, Gheorghita; Surcel, Mihaela; Munteanu, Adriana Narcisa; Pirvu, Ioana Ruxandra; Constantin, Carolina; Manole, Emilia; Butnaru, Marioara Chiritoiu; **Neagu, Monica Teodora**, *European Journal Of Immunology*, 51, 339, 2021, **IF= 5.532**
12. Changes in cellular immunological parameters in children with recurrent respiratory infections, Munteanu, Adriana Narcisa; Surcel, Mihaela; Isvoranu, Gheorghita. A.; Pirvu, Ioana Ruxandra; Constantin, Carolina; Bratu, Ovidiu; Delia, Corina; Cochino, Alexis; **Neagu, Monica**, *European Journal Of Immunology*, 51, 170, 2021, **IF= 5.532**
13. Specific antibody dynamics in healthcare workers during Covid-19 pandemics and vaccination, **Neagu, Monica**; Zurac, Sabina, *European Journal Of Immunology*, 51, 259, 2021, **IF= 5.532**
14. Understanding COVID-19 immunity: reality and challenges, Tanase, Cristiana; Albuiescu, Radu; **Neagu, Monica**, *Journal of Immunoassay & Immunochemistry*, 41(6), 925-827, 2020.citation 1
15. The 2nd Conference of the Romanian Society of Immuno-Dermatology, Bucharest, September 27-29, 2018, [Editorial] **Monica Neagu**, Daniel Boda, *Exp Ther Med*, February 27, 2019, <https://doi.org/10.3892/ol.2019.10080>. **IF=1.81**
16. Inflammation in Cancer: Part of the Problem or Part of the Solution? Editorial **Monica Neagu**, Donato Zipeto, and Iulia D. Popescu, *Journal of Immunology Research*, Volume 2019, Article ID 5403910, 2 pages, <https://doi.org/10.1155/2019/5403910>. **IF=4.81, citations 4**.
17. Updates in immune-based multiplex assays, Cristiana Tanase, Radu Albuiescu & **Monica Neagu**, *Journal of Immunoassay and Immunochemistry*, 2019, DOI: 10.1080/15321819.2019.1565064. **IF=0.71**
18. Bio-inspired nanoparticles in neuroscience, **Neagu, M.**; Constantin, C., *Toxicology Letters Suppl*, 314, S45-S46, 2019. **IF= 4.372**
19. Adoptive transfer of cytokines-preactivated NK cells provides reduction of established tumour, Isvoranu, G.; Surcel, M.; Munteanu, A. N.; Constantin, C.; **Neagu, M. T**. *European Journal Of Immunology*, 49, 1801, 2019. **IF=5.532**
20. Variation of dendritic cells distribution patterns in mycosis fungoides vs. inflammatory dermatosis, Costras, C.; Constantin, C.; Nichita, L.; Sticlaru, L.; Turcu, G.; Nichita, V.; Stefan, O.; Frincu, I.; Harsan, B.; **Neagu, M.**, *Virchows Archiv*, 473, S87, 2018.**IF= 4.064**
21. Cytokine pattern for improving Immuno-score in melanoma patients, **Neagu, M.**; Constantin, C.; Caruntu, C.; Surcel, M.; Boda, D.; Zurac, S. *Journal Of The European Academy Of Dermatology And Venereology*, 31, 55, 2017.**IF= 5.113**
22. Highlights of new immunoassay-based technologies Cristiana Tanase, Radu Albuiescu, **Monica Neagu**, *Journal of Immunoassay and Immunochemistry*, 2017, VOL. 38, NO. 1, 1 <http://dx.doi.org/10.1080/15321819.2016.1277320>.**IF=0.71. Citation 1**
23. Biotechnology Landscape in Cancer Drug Discovery, **Monica Neagu**, Radu Albuiescu, Cristiana Tanase, *Future Science Open*, 2015 Pages 1-4.**IF=2.61, citations 3**.
24. Omics Landscape in Disease Biomarkers Discovery, **Monica Neagu**, Caterina Longo, Simone Ribero, *Dis Markers*. 2016; 2016: 4068252.doi: 10.1155/2016/4068252. **IF=3.04, citations 12**.
25. Stem Cells Between Regeneration and Tumorigenesis PREFACE, Tanase, Cristiana; **Neagu, Monica**, In: Stem Cells Between Regeneration And Tumorigenesis, III-V, 2016.
26. Cytokine/chemokine pattern in cutaneous melanoma, **Neagu, M.**; Constantin, C.; Surcel, M.; Zurac, S., *European Journal Of Immunology*, 46, 221-222, 2016, **IF= 5.532, citations 1**.
27. Study design for the determination of toxicity from long-term-low-dose exposure to complex mixtures of pesticides, food additives and lifestyle products, Docea, A. O.; Calina, D.; Goumenou, M.; **Neagu, M.**; Gofita, E.; Tsatsakis, A. *Toxicology Letters Suppl*, 258, S179, 2016, **IF=4.372 , citations 32**.
28. Measuring orexin B values in a Romanian population of children with autism spectrum disorders, Kobylinska, L.; Gabreanu, G.; Simion, A.; Mihailescu, I.; Anghel, C.; Rad, F.; Mocanu, I.; Nedelcu, C.; Dobrescu, I.; **Neagu, M.**; Zagrean, L., *European Neuropsychopharmacology*, 26, S206, 2016. **IF=4.55. citation 1**
29. Soluble biomarkers for pressure ulcers therapy monitoring- protein microarray technology view, Constantin, C.; Boda, D.; Caruntu, C.; Paunica-Panea, G.; Constantin, V. D.; **Neagu, M**. *European Journal Of Immunology*, 46, 1168, 2016. **IF= 5.532**.
30. Gallium (III) phthalocyanine for photodynamic therapy of epithelial type transformed cells - approaches on SHSY5Y cell line, Constantin, C.; Matei, C. N.; Tampa, M. S.; Lupu, A. -R; Ion, R. -M; **Neagu, M**. *European Journal Of Immunology*, 46, 1168-1169, 2016. **IF= 5.532**.
31. Prognostic value of serum and tissue matrix metalloproteinase 1 in melanoma, Zurac, S.; **Neagu, M.**; Constatin, C.; Andrei, R.; Cioplea, M.; Chitu, V.; Nedelcu, R.; Tanase, C.; Caruntu, C.; Boda, D.; Staniceanu, F., *Virchows Archiv*, 467, S179-S180, 2015. **IF=4.064**.
32. Screening for anti-diabetic adjuvants in balanites aegyptiaca, Albuiescu, R.; Tanase, C.; Motaal, A.; Shaker, S.; Hassan, I.; El-Bahrawy, S.; **Neagu, M.**; Grigore, A.; Neagu, G.; Vulturescu, V.; Vasapollo, G.; Bauer, R., *FEBS Journal*, 282, 151-152, 2015. **IF= 5.542**.

33. Signaling Molecules Profile by Multiplex xMAP in Pancreatic Cancer Progression, Tanase, C.; **Neagu, M.**; Dima, S. O.; Albuлесcu, R, *Pancreas*, 43(8), 1415, 2014. **IF= 2.56.**
34. Metal phthalocyanines in experimental photodynamic therapy - a proteomic evaluation of dysplastic keratinocytes apoptosis, Constantin, C.; Matei, C.; Tampa, M.; Dumitrascu, G.; Ion, R.-M.; **Neagu, M.** *FEBS Journal*, 281, 485, 2014. **IF= 5.542.**
35. Protein microarray assessment of molecular apoptotic pathways induced by Photodynamic therapy using Gallium substituted phthalocyanine, Matei, C.; Tampa, M.; Georgescu, S.; Motofei, I.; Nicolae, I.; Ion, R.; Constantin, C.; **Neagu, M.**, *Journal Of Investigative Dermatology*, 134, S87, 2014. **IF= 7.143**
36. Inflammatory milieu maintains hemangioma derived endothelial cells proliferative status and hinders regression in infantile hemangioma **Neagu, M.**; Caruntu, C.; Matei, C.; Tampa, M.; Constantin, C.; Ursaciuc, C.; Surcel, M.; Diaoneasa, A.; Boda, D. *FEBS Journal*, 281, 134-135, 2014. **IF= 5.542.**
37. Assessment of zinc-substituted trisulphonated phthalocyanine effect on COLO 829 cell proliferation through real-time electrical impedance-based technique Tampa, M.; Matei, C.; Ion, R. -M.; Constantin, C.; **Neagu, M.** *FEBS Journal*, 281, 519, 2014. **IF= 5.542.**
38. Akt kinase and BAD protein level variation in apoptosis induced by photodynamic therapy with Indium phthalocyanine Tampa, M.; Matei, C.; Georgescu, S.; Ion, R.; Constantin, C.; Neagu, M. *Journal Of Investigative Dermatology*, 134, S84, 2014. **IF= 7.143.**
39. Highlights in Melanoma Biomarkers, **Neagu M**, Constantin C, *Biomark Med.* 8(5), 617-619, 2014. **IF=2.51**
40. Highlights: Highlights from the latest articles in biomarkers in medicine. **Neagu M**, Albuлесcu R, Tanase C. *Biomark Med.* 7(2):201-204, 2013. **IF=2.51**
41. Lactate dehydrogenase B: new metabolic marker in carcinogenesis, **Neagu Monica**, *Biomark Med*, 7, 201-202, 2013. **IF=2.51**
42. Evaluating lymphatic biomarkers in primary cutaneous melanomas, **Neagu Monica**, *Biomark Med*, 7, 202-203, 2013. **IF=2.51**
43. miRNA interactions as a novel molecular panel for clinical outcome of glioblastoma, **Neagu Monica**, *Biomarkers In Medicine*, 7(2), 201, 2013, **IF=2.51, citations 3.**
44. Inflammatory infiltrate in melanoma with regression as prognostic parameter, Zurac, S.; Negroiu, G.; Andrei, R.; Petrescu, S.; Tebeica, T.; Petre, M.; **Neagu, M.**; Constantin, C.; Chitu, V.; Salavastru, C.; Staniceanu, F, *Virchows Archiv*, 43(2), 127, 2013. **IF=4.064, citations 2.**
45. Research Highlights, **Neagu M**, Radu Albuлесcu, Cristiana Tanase, *Biomarkers In Medicine*, Vol. 6(2), 197-200, 2012. **IF=2.851**
46. Signaling molecule c-Met is a biomarker for favorable prognostic in Hodgkin lymphoma, **Neagu, Monica**; Albuлесcu, Radu; Tanase, Cristiana, *Biomarkers In Medicine*, 6, 197, 2012. **IF=2.851**
47. An interplay between epithelial-mesenchymal transition and reverse: gene patterns for tumorigenesis, **Neagu, Monica**; Albuлесcu, Radu; Tanase, Cristiana, *Biomarkers In Medicine*, 6, 199-200, 2012. **IF=2.851**
48. HER3: a potential marker in colon cancer, **Neagu, Monica**; Albuлесcu, Radu; Tanase, Cristiana, *Biomarkers In Medicine*, 6, 200, 2012. **IF=2.851**
49. Matrix metalloproteinases underexpression in melanoma with regression S. Zurac, G. Negroiu, S. Petrescu, I. Tudose, R. Andrei, T. Tebeica, C. Popp, C. Solovan, **M. Neagu**, C. Constantin, F. Staniceanu, *Virchows Arch* 2012, 461 (Suppl 1):S1–S332. **IF=3.31, citations 2.**
50. C-terminal peptide of prothymosine alpha detected by SELDI-ToF-MS affinity capture technology, **M. Neagu**, C. Constantin, D. Popescu, A. D. Iancu, D. L. Radu, H. Kalbacher, O. Tsitsiloni & W. Voelter, *Immunology*, 2012 vol 137, issue supl s1, page 655. **IF= 4.147.**
51. Signaling Molecules as Biomarkers in Brain Tumors, Tanase, C.; Albuлесcu, L.; Cruцерu, M. L.; Enciu, A.; Codrici, E.; Popescu, I. D.; Mihai, S.; Petrescu, D. A.; **Neagu, M.**; Albuлесcu, R. *European Journal Of Cancer*, 48, S160, 2012. **IF= 7.275.**
52. New marker related to cancer neoangiogenesis: RGS5, **Neagu, Monica**; Albuлесcu, Radu; Tanase, Cristiana, *Biomark Med.* 6(2), 197-198, 2012, **IF=2.51, citations 1**
53. Distinct soluble EGFR isoforms expressed in non-small-cell lung cancer cells compared with normal tissue, **Neagu, Monica**, *Biomark Med.* 6(2), 198-199, 2012, **IF=2.51, citations 2.**
54. Potential intracellular tracker capacity of novel synthetic metalloporphyrins. Constantin, C.; **Neagu, M.**; Boscencu, R.; Hinescu, M. E.; Oliveira, A.; Vieira Ferreira, L. F. *Toxicology Letters*, 205, S61, 2011. **IF= 4.372**
55. Nano-engineered materials based on fullerenes: synthesis and biomedical applications, Fierascu, RC Dumitriu, I, Ion RM, **Neagu, M**, Constantin, C Stavaru, C, *Advanced Topics In Optoelectronics, Microelectronics, And Nanotechnologies V Book Series: Proceedings of SPIE-The International Society for Optical Engineering Volume: 7821, Article Number: 78211J DOI: 10.1117/12.882045, 2010.*
56. SELDI-ToF-MS for prothymosin-alpha detection as bacterial infection apoptosis marker - NATO Sfp Project, **Neagu M.**, Constantin C., Manda G., Popescu D., Ungureanu V., Tatu D., Pana M., Radu D.L., Bulman A., Vorgias K., Tsitsilonis O., Voelter W. *Proceedings of the 2nd European Congress of Immunology, Monduzzi Editore International Proceedings Division*, pp 419 – 422, 2009.
57. Toxicological studies with cavitands organic structures in human immune cells experimental models, Constantin C., **Neagu M.**, Manda G., Stavaru C., Radu D. L. and Ion R.-M. *Proceedings of the 2nd European Congress of Immunology, Monduzzi Editore International Proceedings Division*, pp 415 – 418, 2009
58. Research Highlights, **Monica Neagu**, Carolina Constantin, Cristiana Tanase, Radu Albuлесcu, *Biomarkers In Medicine*, Vol. 3(4), 343 - 345, 2009. **IF=2.51**
59. Investigation of the immunotoxic effects of some organophosphate pesticides in rats, Baconi, Daniela Luiza; Manda, Gina; Ciobanu, Anne-Marie; **Neagu, Monica**; Barca, Maria; Balalau, Dan, *Toxicology Letters Suppl*, 189, S215, 2009. **IF=4.372, citation 1.**
60. Looking for immunity against TB: the T-cell response, **Neagu, Monica**; Constantin, Carolina; Tanase, Cristiana; Albuлесcu, Radu, *Biomarkers In Medicine*, 3(4), 2009. **IF=2.841**
61. Proteomics technologies in pancreatic cancer early diagnosis, Tanase, C.; Popescu, D.; Albuлесcu, L.; Dima, S.; Albuлесcu, R.; Popa, A.; **Neagu, M.**; Hinescu, M.; Bulman, A, *Virchows Archiv*, 455, 426-427, 2009. **IF= 4.064**



62. Toxicological studies with cavitands organic structures in human immune cells experimental models, Constantin, C.; **Neagu, M.**; Manda, G.; Stavaru, C.; Radu, D. L.; Ion, R-M, 2ND European Congress Of Immunology (ECI), 415, 2009.
63. Serum tissue remodeling markers in pancreatic tumor characterization, Albuiescu, L.; Raducan, E.; Popescu, D. I.; Codorean, E.; Tanase, M. A.; **Neagu, M.**; Dima, O. S.; Tanase, C.; Albuiescu, R, *FEBS Journal*, 275, 235, 2008. **IF=3.52**
64. Approaches of fullerenes derivatives as antitumoral compounds on K562 cell line, Constantin, C.; **Neagu, M.**; Manda, G.; Neagoe, I.; Gherghiceanu, M.; Stavaru, C.; Ion, R. M, *FEBS Journal*, 275, 368, 2008. **IF=3.52**
65. Functional interference of novel sugar-modified nucleoside analogs with Jurkat lymphoblasts, Manda, G.; Tanase, C.; Neagoe, I.; Constantin, C.; **Neagu, M.** *FEBS Journal*, 275, 355, 2008. **IF=3.52**
66. Neuroimmune network in heroin addicts on methadone therapy, Neagoe, I. V.; **Neagu, M.**; Constantin, C.; Manda, G. *FEBS Journal*, 275, 340, 2008. **IF=3.52**
67. Immune response in healthy ageing: immunosenescence versus immunodeficiency, **Neagu, M.**; Constantin, C.; Manda, G.; Huica, R.; Surcel, M.; Dobre, M.; State, D.; Gradinaru, D.; Ursaciuc, C. *FEBS Journal*, 275, 210, 2008. **IF=3.52**
68. Soluble matrixmetalloproteinases quantification in leg ulcer fluid from chronic venous insufficiency, **Neagu, M.**; Manda, G.; Constantin, C.; Neagoe, I.; Albuiescu, L.; Tanase, C.; Codorean, E.; Boda, D.; Popescu, S. M. *FEBS Journal*, 275, 419, 2008. **IF=3.52**
69. Signaling proteins profile in pancreatic cancer, Tanase, C.; Albuiescu, L.; Nicolescu, M. I.; Dima, O. S.; Cruceru, L. M.; Popa, A.; Mihai, S.; **Neagu, M.**; Albuiescu, R.; Hinescu, M. E, *FEBS Journal*, 275, 346, 2008. **IF=3.52**
70. In vitro evaluation of the anti-neoplastic action of novel nucleoside analogs, Manda, Gina; Neagoe, Ionela Victoria; **Neagu, Monica**; Constantin, Carolina; Codorean, Eleonora; Tanase, Constantin, *Toxicology Letters Suppl*, 180, S111, 2008. **IF=4.372**
71. Signaling profiles in pancreatic cancer progression, Tanase, C.; Nicolescu, M.; Albuiescu, L.; Cruceru, M.; Popa, A.; Mihai, S.; **Neagu, M.**; Poroschianu, M.; Dima, S.; Albuiescu, R.; Hinescu, M. *HISTOPATHOLOGY*, 53, 164, 2008. **IF=5.087**
72. Signaling profile pathways involved in pancreatic cancer progression, Tanase, C.; Nicolescu, M. I.; Albuiescu, L.; Cruceru, L. M.; Popa, A.; Mihai, S.; **Neagu, M.**; Dima, S. O.; Albuiescu, R.; Hinescu, M. E. *EJC SUPPLEMENTS*, 6(9), 151, 2008. **IF= 9.162**
73. Radiation exposure facilities for medical studies in vitro and vivo, Martin, D.; Craciun, G.; Cinca, S.; Togoe, I.; Margaritescu, I.; **Neagu, M.**; Matei, C.; Ighigeanu, D.; Manaila, E. *Proceedings Of The 11th International Conference On Optimization Of Electrical And Electronic Equipment*, Vol. I, 77, 2008.
74. Immune disturbances in heroin addicts, Manda, Gina; Constantin, Carolina; Neagoe, Ionela; Baconi, Daniela; Hudita, Cristina; **Neagu, Monica**, *Toxicology Letters Suppl*, 172, S149-S150, 2007. **IF=4.372**
75. The respiratory burst evaluation by flow cytometry in normal elderly subjects, Constantin, C.; Gradinaru, D.; Manda, G.; **Neagu, M.**; Rusu, C.; Ursaciuc, C. *Cytometry Part B-Clinical Cytometry*, 72B(2), 144, 2007, **IF=2.02, citations 1**.
76. Immunotoxic effects of some organophosphate pesticides in rats, Baconi, Daniela; Balalau, Dan; Manda, Gina; **Neagu, Monica**; Barca, Maria; Ciobanu, Anne-Marie, *Toxicology Letters Suppl*, 172, S206-S206, 2007, **IF=4.372, citations 2**
77. Immunotoxicology of mycotoxins produced by Fusarium fungi-Low concentrations of deoxynivalenol interfere with nucleotide metabolism, Manda, Gina; **Neagu, Monica**; Constantin, Carolina; Neagoe, Ionela; Marin, Daniela; Taranu, Lonelia, *Toxicology Letters Suppl*, 172, S49-S49, 2007, **IF=4.372, citations 2**
78. The effect of novel nucleoside analogues on normal and neoplastic immune cells, Neagoe, Ionela Victoria; **Neagu, Monica**; Constantin, Carolina; Tanase, Constantin; Manda, Gina, *Toxicology Letters Suppl*, 172, S150, 2007. **IF=4.372**
79. Laser effect in photodynamic therapy of tumors, Rodica-Mariana Ion, Dragos-Viorel Brezoi, **Monica Neagu**, Gina Manda, Carolina Constantin, *Proc. SPIE 6606*, Advanced Laser Technologies 2006, 66061G (25 April 2007); <https://doi.org/10.1117/12.730203>
80. Mechanisms in photodynamic therapy: photosensitizers and cellular localization on K562 cells, Rodica-Mariana Ion, **Monica Neagu**, Gina Manda, Carolina Constantin, Mihaela Calin, *Proc. SPIE 6632*, Therapeutic Laser Applications and Laser-Tissue Interactions III, 66320Q (13 July 2007); <https://doi.org/10.1117/12.727968> **citation 1**.
81. In vitro investigation of the immunotoxic effects exerted by organophosphorus compounds on lymphocyte proliferation, Baconi, Daniela Luiza; Balalau, Dan; Barca, Maria; Ilie, Mihaela; **Neagu, Monica**; Manda, Gina, *Toxicology Letters Suppl*, 164, S247, 2006. **IF=4.372**
82. In vitro effects of methadone on lymphocyte proliferation following a short-term treatment with methotrexate-loaded liposomes in a murine model of arthritis, Barca, Maria; Ciobanu, Anne Marie; Balalau, Dan; Baconi, Daniela Luiza; Ilie, Mihaela; **Neagu, Monica**; Manda, Gina, *Toxicology Letters Suppl*, 164, S110-S111, 2006. **IF=4.372**
83. Anti-proliferative signals delivered by opioid receptors to the lymphoblastic cell line K562, Baconi, D.; Manda, G.; **Neagu, M.**; Ilie, M.; Barca, M.; Balalau, D., *Toxicology Letters Suppl*, 158, S227, 2005. **IF=4.372**
84. Membrane potential changes induced by organophosphate compounds in immune normal and tumor cells, Baconi, D.; Balalau, D.; Barca, M.; **Neagu, M.**; Manda, G.; Florea, A. *Toxicology Letters Suppl*, 158, S132, 2005. **IF=4.372**
85. Immune signals delivered in vitro by the opiate antagonist naloxone in rheumatoid arthritis, Manda, G.; **Neagu, M.**; Radu, E.; Constantin, C.; Baconi, D, *Toxicology Letters Suppl*, 158, pages S93-S93, 2005. **IF=4.372**
86. Short-term treatment with methotrexate-loaded liposomes in a murine model of arthritis, Barca, M.; Ciobanu, A. -M.; Balalau, D.; Baconi, D.; Ilie, M.; **Neagu, M.**; Manda, G. *Toxicology Letters Suppl*, 158, pages S91-S92, 2005. **IF=4.372**
87. Experimental model of antitumoral photodynamic therapy with phthalocyanines - Pathological evaluation, Tanase, C; **Neagu, M**; Savi, G; Carstoiu, R; Ion, RM; Codorean, E; Raducan, E; Constantin, C; Popescu, D; Manda, G; Ardeleanu, C, *II Intercontinental Congress of Pathology Proceedings*, pages 121-125, 2004.
88. Apoptosis in pituitary adenomas; Comparative study by flow cytometry and in situ end-labeling technique, Tanase, C; Codorean, E; Ardeleanu, C; Butur, G; Manda, G; **Neagu, M**; Radu, E; Popescu, DI; Raducan, E; Ursaciuc, C; Cruceru, ML; Niculescu, MA; Ciubotaru, V; Ogrezean, I, *II INTERCONTINENTAL CONGRESS OF PATHOLOGY*, 117-120, 2004, **citations 1**.

89. Patients with primary antiphospholipid syndrome and coronary microvascular dysfunction - a distinct clinical subset, Tanaseanu, C; Moldoveanu, E; Tanaseanu, S; **Neagu, M**; Popescu, M; Tamsulea, I, *Journal Of Molecular And Cellular Cardiology Proceedings*, page 763-754, 2004. **IF=5,000**
90. Functional parameters of peripheral neutrophils isolated from unstable angina patients, Livescu A., **Neagu M.**, Constantin C., Manda G., Gaghes M., Tanaseanu C, *Immunology Letters*, Special Issue, Vol. 87, No. 1-3: 44-45, 2003. **IF=3.26**.
91. Evaluation of peripheral lymphocytes subpopulation in cardiovascular diseases, **Neagu M.**, Manda G., Gaghes M., Livescu A., Constantin C., Tamsula I., Popescu M, Tanaseanu C, *Immunology Letters*, Special Issue, Vol. 87, No. 1-3: 95, 2003. **IF=3.26**.
92. In vivo inhibition of dihydroorotate dehydrogenase with leflunomide modulates the functions of peripheral granulocytes in rheumatoid arthritis, Manda G., **Neagu M.**, Livescu A., Constantin C., Codreanu C., *Immunology Letters*, Special Issue, Vol.87, No 1-3 : 243, 2003. **IF=3.26**.
93. Involvement of complement and Fc receptors in the respiratory burst of neutrophils, Alexandra Livescu, Carolina Constantin, Gina Manda, **Monica Neagu**, *Scand. J. Immunol.*, 54 (Suppl.1): B9/1002: 84, 2001. Online ISSN: 1365-3083. **IF=2.314**
94. Cellular parameters prognosticate acute cardiovascular disease outcome, **Monica Neagu**, Gina Manda, Alexandra Livescu, Carolina Constantin, *Scand. J. Immunol.*, 54 (Suppl.1): A5/1263: 96, 2001. Online ISSN: 1365-3083. **IF=2.314**
95. The relation between experimental tumor and chronic inflammation in malignant process evolution, Carolina Constantin, Alexandra Livescu, Gina Manda, Rodica Dumitrescu, **Monica Neagu**, *Scand. J. Immunol.*, 54 (Suppl.1): K1/1361: 75, 2001. Online ISSN: 1365-3083. **IF=2.314**

#### Research papers in other data bases

1. CAR-T Cells – Main Steps for Obtaining a Proper “Live Drug” Adoptive Therapy, **Monica Neagu**, Carolina Constantin, *South East European Journal of Immunology*. 2024 Jan 23; 7(1):13-20. <https://doi.org/10.3889/seejim.2024.6063>
2. 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>.
3. Pandemia prin care am trecut a arătat importanța transiterii către publicul larg a unui mesaj direct și corect științific, Interviu Revista Politici de sanatate, Monica Neagu, decembrie 2022, [www.politicidesanatate.ro](http://www.politicidesanatate.ro), Pandemia prin care am trecut a arătat importanța transiterii către publicul larg a unui mesaj direct și corect științific - Politici de Sanatate
4. **Imunitatea Organismului Între Factori Agresori, Auto-Medicatie Si Stil De Viață (Scoalapacientilor.Ro)** **Monica Neagu**, Scoala Pacientilor 2022.
5. Borreliosis – up-dates in identification technologies and world-wide incidence, Iuliana Vladoiu, Adriana Narcisa Munteanu, Mihaela Surcel, Carolina Constantin, **Monica Neagu**, *Romanian Archives of Microbiology and Immunology*, Volume 80, Issue 3, pp. 253-263, July-September 2021.
6. NK cells in psoriasisform dermatitis. From psoriatic site to blood circulation through secondary lymph organs, Mihaela Surcel, Adriana Narcisa Munteanu, Gheorghita Isvoranu, Carolina Constantin, Teodora Supeanu, Ovidiu Bratu, Mihail Alecu, **Monica Neagu**, *Dermatovenerol (Buc)*, 66(1); 7-16, 2021.
7. Adverse outcome pathway in immunotoxicity of perfluoroalkyls. **Monica Neagu**, Carolina Constantin, 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>, **citation 12**.
8. Snapshot – changing melanocyte identity in melanoma developing route, **Monica Neagu**, Carolina Constantin, Basak Engin, Iulia Popescu, *Journal of Cell Identity*, vol. 1, p. 0033-0047, October, 20, 2020.
9. Protein microarray technology: Assisting personalized medicine in oncology (Review), **Monica Neagu**, Marinela Bostan and Carolina Constantin, *World Academy of Sciences Journal*, 1: 113-124, 2019.
10. Pandemia actuală – back to the future? **Monica Neagu**, Cristian Baicus, Sabina Zurac, Politici de sanatate 2020 (<https://www.politicidesanatate.ro/pandemia-actuala-back-to-the-future/>)
11. Syncytial virus respiratory infections in children – immunological aspects, Adriana Narcisa Munteanu, Mihaela Surcel, Carolina Constantin, **Monica Neagu**, *Rev. Biol. Biomed. Sci.* 2019 2 (1) 29-39 DOI: 10.31178/rbbs.2019.2.1.4
12. Protein Microarray Technology for Antibody Detection Associated to Human Pathology, Carolina Constantin, Mihaela Surcel, Adriana Munteanu, **Monica Neagu**, *Romanian Archives of Microbiology and Immunology*, Vol. 77, Issue 3, pp. 236-244, July-September, 2018.
13. The Effects of Exogenous Modulation on the Peripheral Nerve Regeneration after Injury and Primary Surgical Repair, Emilia Manole, Alexandra Bastian, Violeta Ristoiu, Sabina Zurac, **Monica Neagu**, *Biomed J Sci & Tech Res* 4(3), 2018.
14. Biomarkers Insights in Psoriasis – Regulatory Cytokines, Mihaela Surcel, Radu Huica, Carolina Constantin, Cornel Ursaciuc, **Monica Neagu**, *Current Biomarkers*, Volume 7, Issue 1, 3 – 11, 2017 <https://doi.org/10.2174/2468422807666180320125713>.
15. Immunohistochemical features of partial regression in cutaneous melanoma – E-cadherin key molecule, Carmen Dumitru, Alexandra Bastian, Cristiana Popp, **Monica Neagu**, Carolina Constantin, Mirela Cioplea, Luciana Nichita, Razvan Andrei, Tatiana Vassu, Sabina Zurac, *HVM*, Volume 9 | Issue 4, 166-177, 2017
16. Bio-inspired nanomaterials – a better option for nanomedicines, Carolina Constantin C, **Monica Neagu**, *Trends in Toxicology and Related Sciences*, vol 1 (1): 3-20, 2017.
17. The relationship between interleukin 8 and Ki67 in cutaneous malignant melanoma, Amalia-Elena Anghel, Corina-Daniela Ene, **Monica Neagu**, Ilinca Nicolae, *HVM Bioflux*, Volume 7, Issue 3, 149-154, 2015
18. Circulatory matrix metalloproteinases as tissue destruction indicators for improving clinical management of pressure ulcers patients, Georgeta Paunica-Panea, Carolina Constantin, Georgiana Gabreanu, Vlad Denis Constantin, Ovidiu Ionuț Geicu, Florian Popa, **Monica Neagu** *HVM Bioflux*, Volume 7, Issue 4, 363-369, 2015
19. Interleukin 8 and diabetic nephropathy, Corina D. Ene, Amalia E. Anghel, **Monica Neagu**, Ilinca Nicolae, *HVM Bioflux*, Volume 7, Issue 4, 370-374, 2015



20. Inflammation markers in cutaneous melanoma - edgy biomarkers for prognosis, **Monica Neagu**, Carolina Constantin, Georgiana Roxana Dumitrascu, Andreea Roxana Lupu, Costin Caruntu, Daniel Boda, Sabina Zurac, *Discoveries*, 2015, Jan-Mar, 3(1): e38114, **citations 23**.
21. New generation dressings for pressure ulcers, Constantin, V.D. Popa, F, Dimitriu, M.C.T., Banacu, M., Popescu, I., Bacalbasa, N., Carap, A.C., Bobic, S., **Neagu, M.**, Păunică-Panea, G. *Archives of the Balkan Medical Union* Volume 50, Issue 3, September 2015, Pages 433-435.
22. The management of pressure ulcers-Quality improving factor and rapid recovery strategies (Review) Păunică-Panea, G., Popa, F., Dimitriu, M.C.T., Banacu, M., Bacalbasa, N., Popescu, I., Carap, A.C., Bobic, S., **Neagu, M.**, Constantin, V, *Archives of the Balkan Medical Union* Volume 50, Issue 3, September 2015, Pages 425-429
23. Biotechnological Advances for Diagnosis of Peripheral Diabetic Neuropathy, Constantin Caruntu, Carolina Negrei, Daniel Boda, Carolina Constantin, Ana Caruntu, **Monica Neagu**, *Roum Biotechnological Letters* 2014, Vol. 19, No.6, 9846- 9858. **Citations 10**
24. Wound Repair - Up-Dates in Dressing Patents and Regeneration Biomarkers, Carolina Constantin, Georgeta Paunica-Panea, Vlad D. Constantin and **Monica Neagu**, *Recent Patents on Biomarkers*, 2014, 4(3): 133-149.
25. Whole body microwave irradiation for improved dacarbazine therapeutical action in cutaneous melanoma mouse model, **Monica Neagu**, Carolina Constantin, Diana Martin, Lucian Albuлесcu, Nicusor Iacob, Daniel Ighigeanu, *Radiology Research and Practice, Radiology Research and Practice*, vol. 2013, Article ID 414816, 10 pages, 2013. doi:10.1155/2013/414816, **citations 4**.
26. The role of porphyrin precursor-based photodynamic therapy in dermatology Matei C, Tampa M, Georgescu S-R, Sarbu I, Ion R-M, Constantin C, **Neagu M**, *Medicine in evolution*, XIX (1): 38-44, 2013, ISSN 2065-376X
27. 5-aminolevulinic acid photodynamic therapy in the treatment of cutaneous squamous cell carcinoma in situ (Bowen's disease), Tampa M, Matei C, Georgescu S-R, Benea V, Sarbu I, Ion R-M, Constantin C, **Neagu M**, Popescu S, *Medicine in evolution*, XIX (1): 45-50, 2013, ISSN 2065-376X
28. The Effects of Photodynamic Therapy in Biological Systems, M. Tampa, Clara Matei, **Monica Neagu**, Simona-Roxana Georgescu, *Acta Medica Transilvanica* December 2012;2(4):313-315
29. Transcriptomics in Cancer - Stages Toward Patents in Biomarkers? **Monica Neagu** and Daniel Boda, *Recent Patents on Biomarkers*, Volume 2, Number 2, May 2012, Pp.75-82
30. Biomedical Materials Based on Fullerenes, Radu Claudiu Fierascu, Irina Dumitriu, Rodica Mariana Ion, Raluca Ioana Bunghez, **Monica Neagu**, Carolina Constantin, Crina Stavaru, *Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry*, 2011, 12 (2), pp. 147 – 154
31. Imaging Studies of Tetra-Sulphonated Porphyrin in K562 Human Chronic Myeloid Leukemia Cells During Photodynamic Therapy, Simona-Florentina Pop, **Monica Neagu**, Carolina Constantin, Rodica- Mariana Ion, *Journal of International Scientific Publications: Materials, Methods & Technology*, 2011/6/1
32. The role of confocal microscopy in the dermato-oncology practice. Diaconeasa A, Boda D, **Neagu M**, Constantin C, Căruntu C, Vlădău L, Guțu D *J Med Life*. 2011 Jan-Mar;4(1):63-74. Epub 2011 Feb 25 **citations 32**
33. Sensitizer localization and immune response in photodynamic therapy of B16 cells, Pop SF, Ion RM , **Neagu M**, Constantin, C *Laser Physics* Volume: 21 Issue: 3 Pages: 576-581 DOI: 10.1134/S1054660X11050239 Published: MAR 2011, **citations 4**.
34. Patented Biomarker Panels in Early Detection of Cancer, **Monica Neagu**, Carolina Constantin, Cristiana Tanase and Daniel Boda, *Recent Patents on Biomarkers*, 1(1), 2011, 10-24.
35. Model experimental de carcinogeneză chimică la șoarece - B. Marinescu, Gheorghita Isvoranu, Carolina Constantin, C. Coman, Sabina Zurac, C. Căruntu, D. Boda, **Monica Neagu**, Mihaela Călin, *Revista Romana de Medicina Veterinara*, vol 20(4), 2010.
36. Biomarkers discovery in cancer--up-dates in methodology. Tacu, Cristina; **Neagu, Monica**; Constantin, Carolina; Sajin, Maria, *Roumanian Archives of Microbiology and Immunology*, 69(1), 48-55, 2010, **citations 3**.
37. New Photosensitizers Versus Aminolevulinic Acid (ALA) in Experimental Photodynamic Therapy of Actinic Keratosis – A Case Report, Daniel Boda, **Monica Neagu**, Carolina Constantin, Adriana Diaconeasa, Simona Ianos, Rodica-Mariana Ion, *Analele Stiintifice ale Universitatii Alexandru Ioan Cuza Din Iasi (Serie Noua)-Genetica si Biologie Moleculara*, Tom X, Fascicola 3, pagina 61-69, 2009
38. Serum markers in skin melanoma--preliminary study, Dumitrascu, Georgiana; Constantin, Carolina; Manda, Gina; Hristescu, Sanda; Margaritescu, Irina; Chirita, D; **Neagu, Monica**, *Roumanian Archives of Microbiology and Immunology*, 68(3), 125-135, 2009. **citations 3**
39. Biomarkers in the diagnosis and early detection of pancreatic cancer, Cristiana Pistol Tanase, **Monica Neagu**, Radu Albuлесcu, Eleonora Codorean & Simona Olimpia Dima, *Expert Opinion on Medical Diagnostics*, Vol. 3, No. 5, Pages 533-546, 2009, **citations 6**
40. Biochemical changes in rat testis induced in vitro by reactive oxygen species. Nechifor MT, Constantin C, Manda G, **Neagu M**, Dinu D. *Roum Arch Microbiol Immunol*. 2006 Jul-Dec;65(3-4):135-40
41. Patterns of peripheral cellular immune disorders in severe rheumatoid arthritis Gina Manda, **Monica Neagu**, Carolina Constantin, Alina Radulescu, Catalin Codreanu, *Romanian Archives of Microbiology and Immunology*, 64: 17-26, 2005. **Citations 1**.
42. Proliferation and apoptosis in relation to treatment response in pituitary adenomas, C Tanase, E Codorean, G Manda, **M Neagu**, DI Popescu, E Raducan, ML Cruцерu, G Butur, M Neagu, C Ardeleanu, *Exp Clin Endocrinol Diabetes* 2004; 112
43. Unstable angina is accompanied by immune cells dysfunction, **Neagu, Monica**; Manda, Gina; Constantin, Carolina; Nechifor, Marina; Tanaseanu, Cristina, *Roumanian Archives of Microbiology and Immunology*, 63(3-4), 169-180, 2004
44. The effect of laser activation of 5,10,15,20-tetra-sulphophenyl-porphyrin loaded in K562 cells and human normal mononuclear cells, Constantin, Carolina; **Neagu, Monica**; Manda, Gina; Ion, Rodica-Mariana; Iordachescu, Dana Iordachescu, *Roumanian archives of microbiology and immunology*, 63(3-4), 159-168. 2004, **citations 6**
45. Receptor and dose-dependent effects exerted in vitro by methotrexate on human immune cells, Gina Manda, **Monica Neagu**, Alexandra Livescu, Carolina Constantin, Catalin Codreanu, Marina T. Nechifor, *Roumanian Biotechnological Letters*, 8(1): 1139-1147, 2003
46. Chronic ethanol consumption affects the activity of antioxidant enzymes in rat liver, Marina Nechifor, Diana Dinu, I.F. Dumitru, N. Balta, **Monica Neagu**, Gina Manda, Gh. Stoian, *Romanian Journal of Physiology* (Physiological Sciences), 38 (1-4):127-134, 2001
47. Alcohol dehydrogenase in the blood serum of rats with chronic alcoholism, Diana Dinu, Gh. Stoian, Marina Tamara Nechifor, **Monica Neagu**, Gina Manda, N. Balta, M. Ioan, I.F. Dumitru, *Romanian Journal of Physiology*, (Physiological Sciences), 38 (1-4):135-140, 2001

48. Mannose-coated liposomes as adjuvant for influenza virus vaccine: stimulation of respiratory burst of mouse peritoneal macrophages, Carmen Popescu, Viorel Alexandrescu, Dan Ivanov, Gina Manda, **Monica Neagu**, *Journal of Medicine and Biochemistry*, 4(1), 51-55, 2000
49. Changes in albumin fraction after in vitro UVA irradiation of human plasma, Marina Nechifor, **Monica Neagu**, Gina Manda, Marinela Gaghes, *Journal of Medicine and Biochemistry*, 3(3), 283-287, 1999.
50. Total depletion of extracellular calcium ions favors superoxide anion release by human normal peripheral granulocytes, Gina Manda, **Monica Neagu**, Alexandra Livescu, Marinela Bostan, A. C. Bancu, *Journal of Medicine and Biochemistry*, 1999, vol.3, nr.4, 333-341
51. The In vitro Action of a Succussed Substance on the Proliferative Response of Human Lymphocytes Stimulated with Phytohemagglutinin, M Chirila, S Hristescu, G Manda, **M Neagu**, A Olinescu, *Biomedical Therapy*, 1999, Volume 17, Pages 73-75
52. Flow cytometry measurements of intracellular Ca<sup>2+</sup> in K562 cells, Olariu, L; Dumitriu, B; **Neagu, M**; Manda, G, *Romanian Journal of Internal Medicine* 37(1), 81-89, 1999, **citations 7**
53. Peripheral leukocytes activation in aortic aneurysmal disease, Tanaseanu C, **Neagu M**, Popescu M, Manda G, Cojocaru M., *Rom J Intern Med.*, 36(3-4):167-174, 1998, **citations 2**.
54. Flow Cytometry Measurements of Intracellular pH in Different Stages of Cell Evolution, Laura Olariu, Brandusa Dumitriu, Gina Manda, **Monica Neagu**, *Journal of Medicine and Biochemistry*, 4(4), 1998
55. The immune response induced by a split influenza vaccine. Studies on cellular immunity. *Alexandrescu, V; Manda, G; Neagu, M; Ciotaru, D; Ionita, E. Roum. Arch. Microbiol. Immunol.*, 56(3-4): 155-164, 1997, **citations 1**.
56. The effect of thiol compounds on the respiratory burst in polymorphonuclear granulocytes, Marina Tamara Nechifor, Marinela Bostan, **Monica Neagu**, Gina Manda, I. F. Dumitru, *Roum. Biotechnol. Lett.*, 1(2): 98-105, 1996
57. Functional interferences between CR3 and the receptors for N-formylated peptides regarding the respiratory burst of PMNs in vitro stimulated with zymosan particles and fMLP, Gina Manda, **Monica Neagu**, Alexandra Livescu, Marinela Bostan, Maria Chirila, Elena Mazilu, A.C. Bancu, L.M. Popescu, *Rev. Roum. Biochim.*, 33 (3-4): 191-199, 1996
58. The influence of some serine-proteases inhibitors on respiratory burst of human normal peripheral polymorphonuclear granulocytes in vitro stimulated with opsonized zymosan, **Monica Neagu**, Gina Manda, Maria Chirila, Elena Mazilu, A. C. Bancu, L. M. Popescu, *Rev. Roum. Biochim.*, 32 (3-4): 131-136, 1995
59. Action of some proteic and carbohydrate components of *Symphytum officinale* upon normal and neoplastic cells, Olinescu, A; Manda, G; **Neagu, M**; Hristescu, S; Dasanu, C, 1993, *Roumanian Archives of Microbiology and Immunology*, 52(2), 73-80, 1993, **citations 4**.
60. Immune intervention in autoimmune diseases-MHC blockade, **Monica Neagu**, *Roum. Arch. Microbiol. Immunol.*, 52 : 165-169, 1993
61. The *in vitro* action of a succussed substance on the proliferative response of human lymphocytes stimulated with phytohemagglutinin, Chirila M, Hristescu S, Manda G, **Neagu M**, Olinescu A. *Rom J Intern Med*, 30(1):63-67, 1992, **citations 3**.
62. A nonspecific immunostimulant effect with Cantastim on the cellular and humoral immune responses in mice evaluated by in vivo and in vitro tests, A. Olinescu, Sanda Hristescu, Aurora Salageanu, Gina Manda, **Monica Neagu**, *Rev Ig Bacteriol Virusol Parazitol Epidemiol Pneumoftziol*, 34(4):325-336, 1989 **citation 1**.
63. Follow-up cell mediated immune functions in "professional" blood donors, A. Olinescu, Sanda Hristescu, Gina Manda, **Monica Neagu**, T. Georgescu, *Arch. Roum. Path. Exp. Microbiol.*, T47 (3-4): 283-288, 1988, **citations 1**.
64. Inhibitory effect of interleukin-1 on the in vitro PHA-stimulated lymphocytes of some blood donors, Olinescu, A; Hristescu, S; Manda, G; Agache, F; **Neagu, M**, *Arch. Roum. Path. Exp. Microbiol.*, T47 (3-4): 289-297, 1988

5.04.2024