

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Carolina Constantin**
Address(es) 99-101, Splaiul Independentei, Bucharest, Romania
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E-mail caroconstantin@gmail.com
Nationality Romanian
Date of birth 27.Nov.1970
Gender F

Work experience

Dates 2020 - present

Occupation or position held Senior Researcher I, Immunobiology Laboratory
Main activities and responsibilities Project Coordinator in national and international research project (MNT-Era NET, NATO, COST). Participation in international Clinical Trials. Main research fields: immunology, 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

Dates 2017 - present

Occupation or position held Senior Researcher II, Core Research of The Pathology Department

Main activities and responsibilities Cellular models in various pathologies

Name and address of employer Colentina Clinical Hospital, 19 – 21, Șoseaua Ștefan cel Mare, 020125, Sect. 2, Bucharest

Type of business or sector Clinical Research

Dates 2017 - 2020

Occupation or position held Senior Researcher II, Immunobiology Laboratory

Main activities and responsibilities Project Coordinator in national and international research project: MNT-Era NET. Participation in international Clinical Trials. Main research fields: immunology, 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

Dates 2004 - 2017

Occupation or position held Senior Researcher III, Immunobiology Laboratory

Main activities and responsibilities Project Coordinator in national and international research project: MNT-Era NET. Participation in international Clinical Trials. Main research fields: immunology, 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

Dates 1996-2004

Occupation or position held Assistant Researcher, Immunobiology Laboratory

Main activities and responsibilities Participation in national research projects, international clinical trials. Main research fields: immunology, 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

Education and training

Dates 1998-2005

Title of qualification awarded Ph.D., 2006

Principal subjects/occupational skills covered Cellular and photodynamic experimental models of antitumor therapy

Name and type of organisation providing education and training University of Bucharest – Faculty of Biology, specialization in Biological Sciences

Level in national or international classification Cum Laude

Dates 1996-1997

Title of qualification awarded Master

Principal subjects/occupational skills covered Molecular Biology

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 1990-1995

Title of qualification awarded B. Sc.

Principal subjects/occupational skills covered Biochemistry

Name and type of organisation providing education and training University of Bucharest, Faculty of Biochemistry

Level in national or international classification 9.05 out of 10

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

Understanding

Speaking

Writing

European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C2	C2
Spanish	A2	B1	A2	A2	B2
French	A2	B1	A2	A2	B2

(*) Common European Framework of Reference for Languages

Organisational skills and competences Involved as a team member in over 30 research projects and national grants, of which I managed 7 projects as project responsible / director.

Technical skills and competences

Courses and Training stages

- 2001, Course "Remembering Environmental Experiences: The Physiological Basis of Memory in the Immune and Nervous Systems", Naples, Italy, 28 June - 2 July;
- 2002, training in Molecular Biology, "Ludwig Institute for Cancer Research", Signal Unit Transduction, Bruxelles, Belgium.
- 2003, Course: „From Cellular and Molecular Biology to XXth Century Medicine”, 4th edition 20–28 June, organized by the Institute of Cellular pathology and Biology „Nicolae Simionescu”, Bucharest.
- 2005 Autumn School in Poiana Brasov, *Modern Biophysical Techniques for Human Health – From Physics to Medicine*, 3-8 October, 2005 – organized by the Romanian Society of Biophysics and Romanian Institute of Culture.
- 2008, Course: CEI Spring Workshop for Young Researchers: DEVELOPING ENTREPRENEURIAL SKILLS FOR FUTURE CAREER, Poznan, Poland, 6-12 April.
- 2008, training at University of Athens, Laboratory of Human and Animal Physiology and Laboratory of Biochemistry and Molecular Biology, in the frame of NATO project SfP 982838/2007.
- 2008 – Course: *Principles and applications of microfluidics in the life sciences*, Lab-on-a-Chip World Congress, 7-8 May, Barcelona, Spain
- 2008 – Course: *Microfabrication technologies*, Lab-on-a Chip World Congress, 7-8 May, Barcelona, Spain
- 2010 - 1st EFIS-EJI Intensive Educational Course in Clinical Immunology, Centre de Recherche des Cordeliers, Paris, December 1-4
- 2011 – Continuing Education Course «CEC 2 – REACH : How to complete a Chemical Safety Report ?», in the frame of the 47th Congress of the European Societies of Toxicology, Paris, August 28-31
- 2014 – Training at Innopsys Co. for Protein microarray platform *InnoScan 1100 AL* and Mapix software, 3-5 sep, Carbonne, France
- 2015 – Course for Adult Teaching – *Ministry of Labour, Family and Social Protection*, COR code 242401, Certificate J Nr. 00077702 /28.07.2015
- 2017 – Technology Transfer Course, CIT-IRECSON, 15-17 May, Bucharest
- 2018, Vienna RNA Meeting 2018 RNA-REG: Regulatory Circuits in RNA Biology; 17th - 19th October 2018, Vienna Biocenter, Vienna, Austria
- 2021 – 24 March, 7 April; Webinar *Dermatofocus in psoriasis*, online event, University of Medicine, Iasi, Romania

Membership:

- Romanian Society of Immunology – 2000
- European Federation of Immunological Societies – 2002
- Federation of the European Biochemistry Society – 2006
- Romanian Society of Dermato-oncology – 2010
- European Association of Dermato Oncology EADO - 2018

Teaching activity/Expert in 5 EU structural projects (proteomics, immunology)

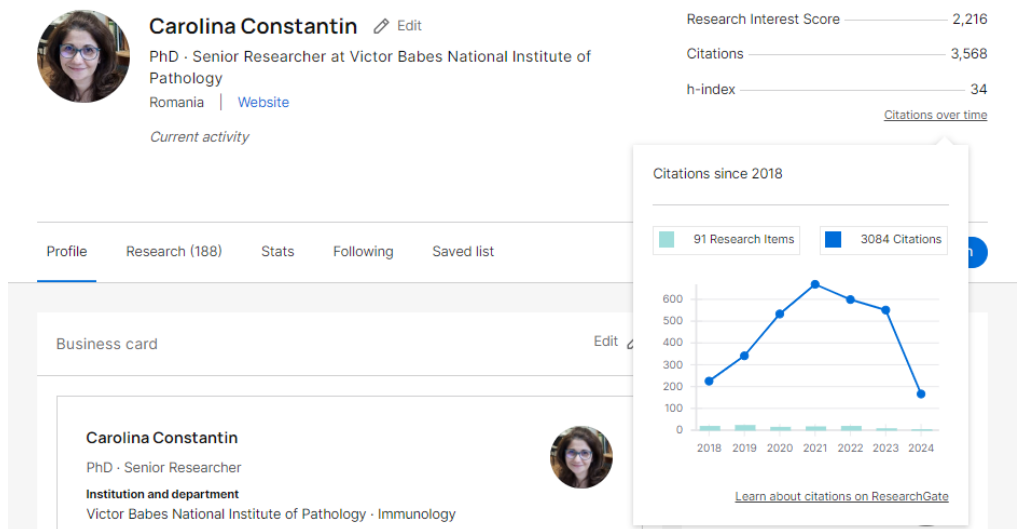
Editorial Board membership: Journal of Personalized Medicine; Revista de Chimie (Bucharest)

Reviewer for the following journals: Cancer Management and Research; Genes; OncoTargets and Therapy; International Journal of Nanomedicine; Nanomedicine; International Journal of General Medicine (Dove Press); Food and Chemical Toxicology (Elsevier); Evidence-Based Complementary and Alternative Medicine (Hindawi); Environmental Toxicology and Pharmacology (Elsevier); Seminars in Cancers; Immunity (CellPress); Theranostics; Frontiers in Oncology; Frontiers in Bioscience-Landmark; Journal of Pharmaceutical Research International.

Computer skills and competences

MS Office; Adobe Photoshop

<p>Additional information</p>	<p>Co-Inventor for the following Patents:</p> <ol style="list-style-type: none"> 1. Asymmetric substituted tetrapyrrole compound, process of preparation and biological evaluation thereof at cellular level; Co-inventors – Romania Boscencu R, Socoteanu P, Nacea V, C Constantin, Manda G, Neagu M, Ilie M, Baconi D; Portugal A Sousa Oliveira, LF Vieira Ferreira; Patent OSIM Nr. 123419/30.03.2012 2. Tetra-sulphonated porphyrin application for producing a photosensitizer in photodynamic therapy; Co-inventors – Ion R, Neagu M, C Constantin, Boda D; Patent OSIM Nr. 12582/30.12.2010 3. Porphyrinic compound asymmetric, non-substituted as photosensitizer for cancer diagnosis and obtaining procedure; Co-inventors – Romania Boscencu R, Socoteanu P, C Constantin, Neagu M, Manda G, Ilie M, Nacea V, Gird E; Portugal A Sousa Oliveira, LF Vieira Ferreira, Patent OSIM Nr. 126761/30.12.2014 4. Equipment and procedure for microwave irradiation in in vitro models with concomitant registration of biological behaviour in a fluorescence microscope; Co-inventors – Martin D, Neagu M, Matei C, C Constantin, Iacob N, Ighigeanu D, Manaila E, Craciun G; Patent OSIM 126764 /30.07.2015 5. 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; Patent OSIM No. 125018/30.04.2015 6. Tumour cell clone obtained from a chemically induced skin carcinogenesis mouse model, Patent OSIM No. RO131985/30.06.2017. Co-inventors - Carolina Constantin, Monica Neagu, Bogdan Marinescu, Sabina Zurac 7. 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. <p>Invited speaker / Moderator:</p> <ul style="list-style-type: none"> – Invited speaker at <i>8th Symposium on Advances in Cancer Immunology and Immune Therapy</i>, Athens, 2022; – Moderator and organizer at <i>European Congress of Immunology (ECI) 2021 - MS3.1 - Mucosal Immune Response</i>; – Invited speaker <i>1st OncoHub Conference, Connecting Scientists for Next Generation Cancer Management</i>, 2021; – Invited speaker <i>BeHEALTH 2020: International on-line Event in Healthcare – Translational Medicine</i> section, 2020; – Moderator, Invited speaker, moderator and organizer at <i>Romanian Immunology Society Conference with International participation 2017 - 2020</i>; – Invited speaker and member of the Scientific Committee at <i>Primavara Dermatologica Ieseana (PDI)- National Conference with International Participation</i>, 2020-2023. <p>Driving license (B)</p>
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	<p>Prizes</p> <p>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 Rusia, 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.</p> <p>Paper prizes: CNCSIS 1084/2010, CNCSIS1154/2010, 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</p>																
<p>ORCID account</p>	<p>orcid.org/0000-0002-2870-5497</p>																
<p>ResearchGate</p>	<p>https://www.researchgate.net/profile/Carolina-Constantin</p>																
<p>Brainmap account</p>	<p>U-1700-035C-0145</p>																
<p>Editorial Board MDPI</p>	<p>https://www.mdpi.com/journal/jpm/editors</p>																
<p>Annexes</p>	<p>List of international projects (continued) List of EU structural funds projects (continued) List of national projects (continued) List of publications (continued) Hirsch Index – 34 (May 2024; RG) https://www.researchgate.net/profile/Carolina-Constantin</p>  <p>The screenshot shows the ResearchGate profile of Carolina Constantin. Her bio includes: Carolina Constantin, PhD · Senior Researcher at Victor Babes National Institute of Pathology, Romania. Her statistics are: Research Interest Score: 2,216; Citations: 3,568; h-index: 34. A line graph titled 'Citations since 2018' shows 91 research items and 3084 citations. The graph shows a peak in 2021 and a decline in 2024.</p> <table border="1"> <caption>Citations since 2018</caption> <thead> <tr> <th>Year</th> <th>Citations</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>~200</td> </tr> <tr> <td>2019</td> <td>~350</td> </tr> <tr> <td>2020</td> <td>~550</td> </tr> <tr> <td>2021</td> <td>~650</td> </tr> <tr> <td>2022</td> <td>~550</td> </tr> <tr> <td>2023</td> <td>~500</td> </tr> <tr> <td>2024</td> <td>~150</td> </tr> </tbody> </table>	Year	Citations	2018	~200	2019	~350	2020	~550	2021	~650	2022	~550	2023	~500	2024	~150
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List of International Projects

No	Project	Role	Date	Stage
1.	COST Action CA21108 <i>European Network for Skin Engineering and Modeling</i> (NETSKINMODELS)	Team member	2022-2024	On going
2.	COST Action 18125 <i>Advanced Engineering and Research of aeroGels for Environment and Life Sciences AeroGels</i>	Substitute Member	2019-2023	Ended
3.	COST Action 18127 <i>International Nucleome Consortium INC</i>	MC Member	2019-2023	Ended
4.	COST Action 16120 <i>European Epitranscriptomics Network EPITRAN</i>	Substitut Member	2020-2021	Ended
5.	NATO Sfp 982838/2007 Development of a novel immunoassay for the very early detection of Biothreatening bacterial infections	Participant	2007-2014	Ended
6.	MNT-ERA NET 7030-5/2010 Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine	Responsible for <i>IVB</i> partner	2010-2012	Ended
7.	Bilateral Cooperation Romania – China Biomarker discovery in digestive tract cancer and skin melanoma using proteomic approaches BIO-PROT RC	Participant	2011-2012	Ended
8.	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.	Participant	2003-2004	Ended
9.	LOR/VIR/PO3/002 – firma Lorus, Canada Clinical Trial phase III, double blind, multicenter, randomized study in chemo-naïve 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

List of EU structural projects

No	Project	Role	Date	Stage
1	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” Acronym: INTELBIOMED	Expert	2016-2022	Ended
2	POSDRU 159/1.5/S/141531 “Developing human resources – PhD and post-doctoral studies – for excellence in health and biotechnological research” (acronym DPD)	Expert; Mentor	2014-2015	Ended
3	POSDRU no. 31081, 1.2 University for Future “Dermato-oncology development as multidisciplinary domain for medical training and international cooperation”	Expert	2010-2012	Ended
4	POSDRU no. 58819. „Training platform for implementing high technology in the health care system” Acronym: TDM	Expert	2010-2013	Ended
5	POSDRU no. 59497 “Training for implementing in the Immunology Laboratory of high technology” Acronym: IMUNOLAB	Expert	2010-2013	Ended

List of National Projects

No	Project	Role	Date
1	<i>Core Research Project PN23.16.01.03</i> Functional triad in experimental psoriasis: immune system - skin – gut	Project Director	2023-2026
2	PN-III-P2-2.1-PED-2021-2243 Polifactorial protocol of diagnosis in diabetic neuropathy	Team Member	2022- 2024
3	PN-III-P4-PCE-2021-0549 Portrayal of antigen presenting cells in cutaneous melanoma - innovative pillars for harnessing immunotherapy	Team Member	2022-2024
4	Ministry of Research, Innovation and Digitization. Grant Number: 31 PFE/31.12.2021	Team Member	2022-2024
5	<i>Core Research Project PN19.29.01.01</i>	Project Director	2019-2022

	Correlational circuits between epigenomic and epitranscriptomic changes in cutaneous tumorigenesis - identifying and filtering m6A/m5C-dependent editing events as molecular therapeutic targets		
6	Ministry of Education and Scientific Research. Grant Number: 7PFE/16.10.2018 <i>Institutional development of Victor Babes National Institute from performance to excellence in health domain</i>	Team Member	2018-2019
7	<i>National Research Plan PN-III-P1-1.2-PCCDI-2017-0782</i> Advanced Innovative approaches for predictable regenerative medicine (Acronym REGMED)	Team Member	2018-2020
8	<i>National Research Plan PN-III-P1-1.2-PCCDI-2017-0341</i> Multi-disciplinary platform for regional institutional capacity enhancing in dermatooncology and dermato-pathology domains (Acronym PATHDERM)	Team Member	2018-2020
9	<i>National Research Plan Core Project PN 18.22.02.02</i> Normal values range for cutaneous cancers immunoscore setting	Team Member	2018
10	<i>National Research Plan PN-II-PT-PCCA-2013-4-1386</i> Innovative architectures of controlled drug released systems based on Hesperidin and Related Flavonoids for chronic leg ulcers wounds treatment (Acronym NANOPATCH)	Project Director	2014-2017
11	<i>National Research Plan PN-II-PT-PCCA-2013-4-1407</i> Regression-based theranostic polyfactorial classifier for melanoma patients stratification (Acronym MELTAG)	Team Member	2014-2017
12	<i>National Research Plan PCE- ID-PCE-2011-3-0918</i> New photosensitizers compounds in dermato-oncology	Project Director	2011-2016
13	<i>National Research Plan Core Project 09.33 - 01.01</i> Serum Biomarkers for cutaneous melanoma monitorization in Romanian population	Team Member	2009-2015
14	<i>National Research Plan PNII 62-074</i> 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 Member	2008-2011
15	<i>National Research 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
16	<i>National Research Plan Contract PNII 41-047</i> In vitro evaluation of heterocyclic drug systems with potential biomedical applications	Responsible for IVB partner	2007-2010
17	<i>National Research Plan Contract PNII 11-035</i> Cavitand and coronand type structures - new approach in the nanotechnology for antitumor compounds	Responsible for IVB partner	2007-2010
18	<i>National Research Plan Contract PNII 61-009</i> Staging and immunological monitoring in cutaneous malignant melanoma - innovative methods of diagnosis	Team Member	2007-2010
19	<i>National Research Plan Contract PNII 41-083</i> Experimental model of photodynamic therapy with tetrakis-4-sulfonato-phenylporphyrin (TSPP) in spinocellular carcinoma	Team Member	2007-2010
20	<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 Member	2006-2008
21	<i>Research Contract CEEX 107/2005</i> Anti-aging effects induced by photodynamic therapy with 5-aminolevulinic acid - molecular mechanisms studies	Team Member	2006-2008
22	<i>Research Contract CEEX 18</i> Innovative methods for photochemotherapy using new nanostructured photosensitizers - from synthesis to clinical trial	Team Member	2005-2008
23	<i>Research Contract Viasan 401/2004</i> The neuroprotective effect of flavonoids against oxidative stress involved in neurodegenerative diseases	Team Member	2004-2006
24	<i>Contract CALIST 1087/ 2004.</i> System for cellular immunology methods and applications in toxicology and pharmacology	Team Member	2004-2006
25	<i>Research National Plan PN Viasan 36N / 2003.</i> Extraction and characterization of RNA and DNA isolated from liver and digestive tract tumors	Project Director	2004-2005
26	<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
27	<i>Research Contract BIOTECH 052/2001</i> Immunomodulatory action of plant extracts from Cucumis melo (Cucurbitaceae)	Team Member	2001-2004
28	<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
29	<i>Research Contract Viasan 091/2001</i> Dynamics of functional and molecular cellular immune parameters of patients with	Team Member	2001-2004

	rheumatoid arthritis treated with inhibitors of purine ribonucleotides (methotrexate) or pyrimidine (leflunomide)		
30	<i>Research Contract Viasan 341/2004</i> Cellular immune response in aging - evaluation of biochemical and immunological methods by age group	Team Member	2004-2006
31	<i>Research Contract Viasan 228/2003</i> Experimental model for testing anti-tumor action of porphyrins used in the photodynamic therapy of cancer	Team Member	2003-2005
32	<i>Research Contract Viasan 090/2001</i> Immunomodulatory effect of low molecular weight heparins used in the prevention and therapy of cardiovascular diseases	Team Member	2001-2004
33	<i>Grant Romanian Academy</i> Interrelation tumorigenesis - inflammatory process in experimental murine model	Team Member	2000
34	<i>Research Contract Ministry of Research and Technology, Program Orizont 2000</i> Neutrophils and lymphocytes functionalities in myocardial infarction, unstable angina and atheromatous disease	Team Member	2000-2002
35	<i>Grant Romanian Academy</i> Modulation through chemotactic factors oxygen-dependent cytotoxic functions developed by human neutrophils	Team Member	2001
36	<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
37	<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
38	<i>Research Contract Ministry of Research and Technology, Program Orizont 2000</i> Effect of changes in intra- and extracellular ion concentrations upon normal human polymorphonuclear functions	Team Member	1997 – 1999
39	<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

List of Publications

Books & Book's chapters:

- Monica Neagu, Carolina Constantin, Your Amazing Immune System, Romanian translation, Wiley Blackwell, **2023**, EFIS ISBN: 978-3-00-028073-3
- 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
- Bostan, M., Petrica-Matei , G. G., Ion , G., Radu, N., Mihaila , M., Hainarosie , R., Brasoveanu , L. I., Roman, V., Constantin, C., & Neagu, M. T. (2022). Determination of Cisplatin Effect on Head and Neck Squamous Cell Carcinoma Modulated by Erk1/2 Protein Kinases. Current Practice in Medical Science Vol. 8, 163–191. <https://doi.org/10.9734/bpi/cpms/v8/3149A>
- Surcel, M., Munteanu, A. N., Constantin, C., Neagu, M. Immune Markers in Psoriasis. In: Aghaei, A. P. S. , editor. Psoriasis - New Research [Working Title] [Internet]. London: IntechOpen; **2022** [cited 2022 Aug 16]. Available from: <https://www.intechopen.com/online-first/80408> doi: 10.5772/intechopen.102567
- 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
- Neagu M, Constantin C. Signal Transduction in Immune Cells and Protein Kinases. Adv Exp Med Biol. 2021;1275:133-149. doi: 10.1007/978-3-030-49844-3_5. Erratum in: Adv Exp Med Biol. **2021**;1275:C1. PMID: 33539014.
- 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
- Chapter 17. *Toxicological Testing of Plant Products*, Monica Neagu and Carolina Constantin, In book: Phytochemistry: Volume 1: Fundamentals, Modern Techniques, and Applications, PART II: METHODS AND TECHNIQUES. Editors: Chukwuebuka Egbuna, Jonathan Chinenye Ifemeje, Stanley Chidi Udedi, Shashank Kumar. ©2019 by Apple Academic Press Inc. ISBN-13: 978-1-77188-759-5 (Hardcover)/13: 978-0-429-42622-3 (eBook)

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May 2nd, 2024

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