

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Carolina Constantin**

Work experience

3 last work employments

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)

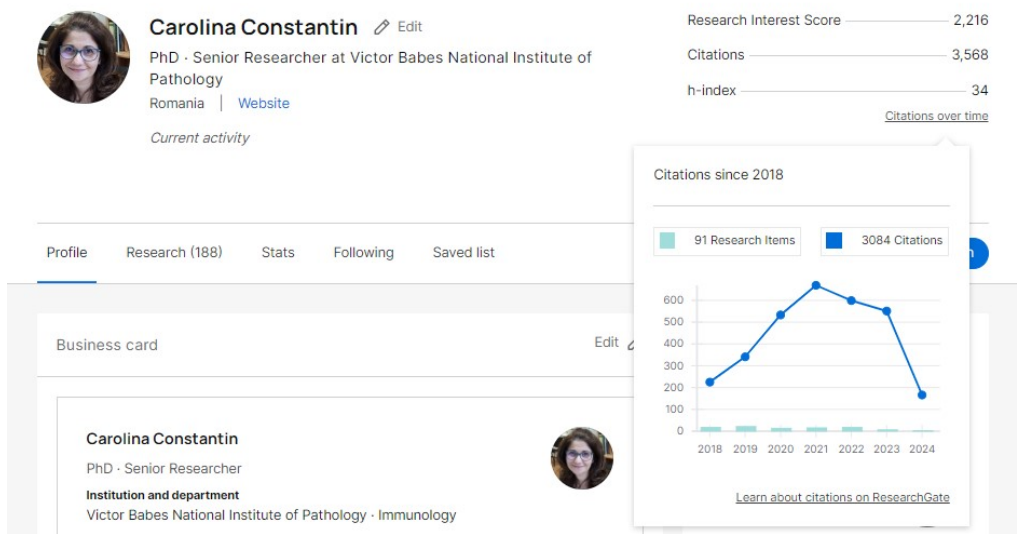
Editorial Board membership: Journal of Personalized Medicine; Revista de Chimie (Bucharest)

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

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| <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>  |

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 |

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|----|--|-----------------------------|-----------|
| | 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 aminolevulinat 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-phenyl-porphyrin (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 |

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| | 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)

- Nanomedicine in Melanoma: Current Trends and Future Perspectives. El-Kenawy AEM, [Constantin C](#), Hassan SMA, Mostafa AM, Neves AF, de Araújo TG, Neagu M. In: Ward WH, Farma JM, editors. Cutaneous Melanoma: Etiology and Therapy [Internet]. Brisbane (AU): Codon Publications; **2017** Dec 21. Chapter 10. PMID: 29461779
- Chapter: Photosensitizers imprinting intracellular signalling pathways in dermato-oncology therapy, [C. Constantin](#) and M. Neagu, In: Photomedicine, editura Intech, ISBN 978-953-51-4914-9, 2016, Ed. Yohei Tanaka, ISBN 978-953-51-3156-4, Pp 1-27, **2017**.
- Chapter 5 Stem Cell standing at the Immune Processes Cross Roads -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**.
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July 16, 2024

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