

INFORMAȚII PERSONALE **Constantin Carolina**


EXPERIENȚA PROFESIONALĂ

Mar 2020 - prezent	Cercetator stiintific I Laborator Imunobiologie, Institutul National de Patologie "Victor Babes", Splaiul Independentei 99-101, Bucuresti 050096, Romania, www.ivb.ro
	<ul style="list-style-type: none"> responsabil proiecte de cercetare nationale, participari in studii clinice internationale
Mar 2017 – prezent	Cercetator stiintific II Laborator Imunobiologie, Institutul National de Patologie "Victor Babes", Splaiul Independentei 99-101, Bucuresti 050096, Romania, www.ivb.ro
	<ul style="list-style-type: none"> responsabil proiecte de cercetare nationale, participari in studii clinice internationale. Tipul de activitate: cercetare - imunologie, parametrii celulari imuni asociati diverselor patologii, terapie fotodinamica a cancerului, biomarkeri
Apr 2017 – prezent	Cercetator stiintific II Spitalul Clinic Colentina – Nucleu de Cercetare Anatomie patologica, Sos. Stefan cel Mare, nr. 19-21, sect 2, Bucuresti
	<ul style="list-style-type: none"> Cercetare clinica. Tipul de activitate: modele celulare in diferite patologii

- 2004 – 2017 **Cercetator stiintific III**
 Laborator Imunobiologie, Institutul National de Patologie "Victor Babes", Splaiul Independentei 99-101, Bucuresti 050096, Romania, www.ivb.ro
- responsabil proiecte de cercetare nationale, participari in studii clinice internationale.
- Tipul de activitate: cercetare - imunologie, parametrii celulari imuni asociati diverselor patologii, terapie fotodinamica a cancerului, biomarkeri
- 1996 – 2004 **Asistent cercetare stiintifica cu studii superioare**
 Laborator Imunobiologie, Institutul National de Patologie "Victor Babes", Splaiul Independentei 99-101, Bucuresti 050096, Romania, www.ivb.ro
- participari in proiecte de cercetare nationale, participari studii clinice internationale.
- Tipul de activitate: cercetare - imunologie, parametrii celulari imuni asociati diverselor patologii, terapie fotodinamica

EDUCAȚIE ȘI FORMARE

- 1998 -2005 **Doctorat in Biologie**
 Universitatea Bucuresti – Facultatea de Biologie
- 1996 - 1997 **Teza de doctorat cu titlul "Modele experimentale celulare și fotodinamice de terapie anti-tumorală"**
Master
 Facultatea de Biologie, Sectia Biochimie

Teza de masterat cu titlul „Efectul pH-ului intracelular asupra puseului respirator dezvoltat de neutrofile”

1990 - 1995

Licenta in Biochimie

Facultatea de Biologie, Sectia Biochimie

Teza de licenta cu titlul “Izolarea si purificare colinesteraza din ser de cal”

COMPETENTE PERSONALE

Limba(i) maternă(e) Alte limbi străine cunoscute	Romana				
	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C1	C1	C2
Spaniola	A2	B1	A2	A2	B2
Franceza	A2	B1	A2	A2	B2

Competențe de comunicare

Comunicare verbala pe plan national si international dobandite prin: experienta de peste 20 de ani in comunicari stiintifice pe plan national/ international, expert/coordonare post-doctoranzi in cadrul proiectelor de training cu fonduri structurale. *Competente de comunicare in scris* dobandite ca evaluator pentru reviste internationale, evaluator proiecte nationale (tinere echipe TE, cercetare post-doctorala PD); evaluator proiecte – raport progres intermediar (TE, PD, PCCDI).

Competențe organizaționale/manageriale

Membru in comitet organizare pentru Conferinte si cursuri cu tematica imunologie si dermato-oncologie.

Competențe dobândite la locul de muncă

Evaluator proiecte nationale TE, PD. **Reviewer** pentru revistele: *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.*

Editorial Board: *Journal of Personalized Medicine (din 2022); Revista de Chimie (Bucharest) (din 2020)*

Co-inventator a 6 brevete de inventie (vezi informatii suplimentare)

Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator independent	Utilizator independent	Utilizator independent

Alte competențe informatice: software pentru prezentări, software dedicat echipamentelor de proteomica si imunoproteomica.

Alte competențe

- Formator adulti 2015 – Ministerul Muncii, Familiei si Protectiei Sociale, COR code 242401, Certificat J Nr. 00077702 / 28.07.2015
- Curs Transfer Tehnologic 2017 – CIT-IRECSON, 15-17 Mai, Bucuresti

INFORMATII SUPLIMENTARE

ORCID: orcid.org/0000-0002-2870-5497

RG: <https://www.researchgate.net/profile/Carolina-Constantin>

Brainmap: U-1700-035C-0145

Editorial Board MDPI: <https://www.mdpi.com/journal/jpm/editors>

Brevete de inventii

1. RO: Compus tetrapirolic nesimetric substituit, procedeu de obtinere si evaluare biologica la nivel celular; Inventatori – Romania Boscencu Rica, Socoteanu Petre, Nacea Veronica, Carolina Constantin, Manda Gina, Neagu Monica, Ilie Mihaela, Baconi Daniela; Portugalia Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie OSIM Nr. 123419/30.03.2012
2. RO: Utilizarea porfirinei tetrasulfonate in fabricarea unui agent fotosensibilizator, pentru terapia fotodinamica; Inventatori – Ion Rodica, Neagu Monica, Carolina Constantin, Boda Daniel; Brevet de inventie, OSIM Nr. 12582/30.12.2010
3. RO: Compus porfirinic nesimetric substituit, ca agent de fotosensibilizare, utilizat in diagnosticul cancerului, si procedeu de preparare a acestuia; Inventatori – Romania Boscencu Rica, Socoteanu Petre, Carolina Constantin, Neagu Monica, Manda Gina, Ilie Mihaela, Nacea Veronica, Gird Elena; Portugalia Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, OSIM Nr. 126761/30.12.2014
4. RO: Instalatie si procedeu de iradiere cu microunde a unui material biologic simultan cu investigarea acestuia sub microscop inversat cu modul de fluorescent; Inventatori – Martin Diana, Neagu Monica, Matei Constantin, Carolina Constantin, Iacob Nicusor, Ighigeanu Daniel, Manaila Elena, Craciun Gabriela; Brevet de inventie, OSIM 126764 /30.07.2015
5. RO: Compus porfirinic destinat terapiei fotodinamice a cancerului; Inventatori – Romania Socoteanu Petre, Boscencu Rica, Nacea Veronica, Carolina Constantin, Manda Gina, Neagu Monica, Ilie Mihaela, Portugalia Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, OSIM Nr. 125018/30.04.2015
6. RO: Clona de celule tumorale obtinuta din model murin de carcinogeneza indusa chimic - Inventatori: Carolina Constantin, Monica Neagu, Bogdan Marinescu, Sabina Zurac. Brevet de inventie OSIM, BOPI Nr. RO131985/30.06.2017

Invited speaker / Moderator

- Invited speaker la *8th Symposium on Advances in Cancer Immunology and Immune Therapy, Athens, 2022*;
- Moderator si membru in comitetul de organizare pentru *European Congress of Immunology (ECI) 2021 - MS3.1 - Mucosal Immune Response*;
- Invited speaker *1st OncoHub Conference, Connecting Scientists for Next Generation Cancer Management, 2021*;
- Invited speaker *BeHEALTH 2020: International on-line Event in Healthcare – panel Translational Medicine, 2020*;
- Moderator, Invited speaker si organizator pentru *Romanian Immunology Society Conference with International participation 2017 - 2020*;
- Invited speaker si membru in Comitetul Stiintific la *Primavara Dermatologica Ieseana (PDI)- National Conference with International Participation, 2020-2023*.

Distinctii

Premii nationale

1. 2008 – Premiul I al Autoritatii Nationale pentru Cercetare Dezvoltare in Domeniul Sanatate pentru proiectul “Photochemotherapy innovative methods with nanostructured photosensitizers – from synthesis to clinical trial”, Contract CEEX 18/2005-2008, membru in echipa de cercetare
2. 2016 - Premiul pentru *Imunologie clinica „Grigore Ghyka”* pentru lucrarea cu titlul „Tehnologii inovatoare in managementul ulcerului cronic de gamba”, autori: Carolina Constantin, Andreea Lupu, Monica Neagu, in cadrul celei de-a 46-a Conferinta Anuale de Imunologie cu participare internationala, 5 – 7 oct 2016, Bucuresti

Articole premiate

1. PN-III-P1-1.1- PRECISI-2021- 67350 Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients. Analytical Cellular Pathology
2. PN-III-P1-1.1- PRECISI-2021- 66798 Safety and efficacy assessment of aerogels for biomedical applications. BIOMEDICINE & PHARMACOTHERAPY
3. PN-III-P1-1.1- PRECISI-2021- 66697 The Effects of Capsaicin on Gastrointestinal Cancers. MOLECULES
4. PN-III-P1-1.1- PRECISI-2021- 57319 Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma. BIOMOLECULES
5. PN-III-P1-1.1- PRECISI-2021- 60603 Unconventional Therapy with IgY in a Psoriatic Mouse Model Targeting Gut Microbiome. JOURNAL OF PERSONALIZED MEDICINE
6. PN-III-P1-1.1- PRECISI-2021- 61647 Interrogating Epigenome toward Personalized Approach in Cutaneous Melanoma. JOURNAL OF PERSONALIZED MEDICINE
7. PN-III-P1-1.1- PRECISI-2021- 55687 Neuroendocrine Factors in Melanoma Pathogenesis. CANCERS
8. PN-III-P1-1.1- PRECISI-2021- 55735 Back to basics in COVID-19: antigens and antibodies – Completing the puzzle. JOURNAL OF CELLULAR AND MOLECULAR MEDICINE
9. PN-III-P1-1.1- PRECISI-2020- 41618 Rosmarinus plants: Key farm concepts towards food applications. PHYTOTHERAPY RESEARCH

10. PN-III-P1-1.1- PRECISI-2020- 42167 miRNAs in the diagnosis and prognosis of skin cancer. *Frontiers in Cell and Developmental Biology*. *Frontiers in Cell and Developmental Biology*
11. PN-III-P1-1.1- PRECISI-2020- 42620 Recent Advances in Signaling Pathways Comprehension as Carcinogenesis Triggers in Basal Cell Carcinoma. *Journal of Clinical Medicine*
12. PN-III-P1-1.1- PRECISI-2019-31557. Inflammation and Metabolism in Cancer Cell-Mitochondria Key Player; 2019 *Frontiers in Oncology*.
13. PN-III-P1-1.1- PRECISI-2019- 31728. Advances in Understanding the Immunological Pathways in Psoriasis; 2019 *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*.
14. PN-III-P1-1.1- PRECISI-2019- 32238. Atomic force microscopy and dark-toxicity pattern of unsymmetrical metallated porphyrins M(II)P-type as theranostics agents 2019 *Materials Science and Engineering B Advanced Functional Solid State Materials*.
15. PN-III-P1-1.1- PRECISI-2019- 32463. Unveiling Ga (III) phthalocyanine—a different photosensitizer in neuroblastoma cellular model 2019 *JOURNAL OF CELLULAR AND MOLECULAR MEDICINE*.
16. PN-III-P1-1.1- PRECISI-2019- 34275. Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer;
17. PN-III-P1-1.1-PRECISI2018-21195 Capsaicin: Friend or Foe in Skin Cancer and Other Related Malignancies?
18. PN-III-P1-1.1-PRECISI2018-21233 Inflammatory Cytokine Pattern Is Sex-Dependent in Mouse Cutaneous Melanoma Experimental Model
19. PN-III-P1-1.1-PRECISI-2017-15893 Toxicological and efficacy assessment of post-transition metal (Indium) phthalocyanine for photodynamic therapy in neuroblastoma,
20. PN-III-P1-1.1-PRECISI-2017-15953 Protein bio-corona: critical issue in immune nanotoxicology
21. Aggregation Behavior of Some Asymmetric Porphyrins versus Basic Biological Tests Response –PN-II-RUPRECISI-2015- 9-10761; REZULTATE EVALUARE_LISTA 7_ACTUALIZATA 18.12.2015;
22. PN-II-RU-PRECISI- 2015-9-9135 AFM imaging, fractal analysis and in vitro cytotoxicity evaluation of Zn(II) vs. Cu(II) porphyrins
23. PN-II-RU-PRECISI- 2015-9-8100 Proteomics focusing on immune markers in psoriatic arthritis
24. PN-II-RU-PRECISI- 2014-8-5956 Immunomics in skin cancer - improvement in diagnosis, prognosis and therapy monitoring
25. PN-II-RUPRECISI- 2013-7- 2754 Immune Parameters in the Prognosis and Therapy Monitoring of Cutaneous Melanoma Patients: Experience, Role, and Limitations
26. PN-II-RUPRECISI-2012-6- 1365 Synthesis, photophysical and cytotoxicity evaluation of A3B type mesoporphyrinic compounds
27. Fullerene-Porphyrin Nanostructures In Photodynamic Therapy – cod premiere CNCSIS 1084; LISTA 4_REZULTATE_PREMIERE_ARTICOLE_COMPETITIA 2010 (15 NOIEMBRIE)
28. Immune-related Biomarkers for Diagnosis/Prognosis and Therapy Monitoring of Cutaneous Melanoma – cod premiere CNCSIS 1154; LISTA 4_REZULTATE_PREMIERE_ARTICOLE_COMPETITIA 2010 (15 NOIEMBRIE);

Premii internationale

Brevetul OSIM Nr. 12582/30.12.2010 a primit urmatoarele premii: **Medalia de Aur** la Brussels Innova 2008; **Premiul Special Rudy Demotte**, Ministru President al Guvernului Valoon, Brussels Innova 2008; **Medalia de Aur** la The 37th International Exhibition of Inventions of Geneva 2009; **Premiul Special** al Ministerului Educatiei din Rusia, The 37th International Exhibition of Inventions of Geneva 2009; **Medalia de Aur** la The International Fair for Innovation, Moscow, 2009, **Medalia de Aur** EYReC la EUROINVENT, 2013; Diploma **Haller Pro Inventio Foundation** la EUROINVENT, 2013; **Medalia de Aur** la EUROINVENT, 2013

Afilieri

2000, Societatea Romana de Imunologie
 2002, Federatia Europeana a Societatilor de Imunologie
 2006, Federatia Europeana a Societatilor de Biochimie
 2010, Membru al Societatii Romane de Dermato-oncologie
 2018, European Association of Dermato-Oncology EADO

Cursuri

2001, Curs "Remembering Environmental Experiences: The Physiological Basis of Memory in the Immune and Nervous Systems", Napoli, 28 iunie - 2 iulie;
 2002, training in Biologie Moleculara in cadrul "Ludwig Institute for Cancer Research", Signal Unit Transduction, Bruxelles, Belgia;
 2003, Curs „From Cellular and Molecular Biology to XXth Century Medicine”, Editia a4a, 20–28 iunie, organizat de IBPC "Nicolae Simionescu", Bucuresti;
 2005, Curs "Modern Biophysical Techniques for Human Health – From Physics to Medicine", 3-8 octombrie, Poiana Brasov, Romania;
 2008, Curs: CEI Spring Workshop for Young Researchers: DEVELOPING ENTREPRENEURIAL SKILLS FOR FUTURE CAREER, Poznan, Polonia, 6-12 Aprilie;
 2008, Curs "Principles and applications of microfluidics in the life sciences, Lab-on-a-Chip World Congress", 7-8 Mai, Barcelona;
 2008, Curs "Microfabrication technologies, Lab-on-a-Chip World Congress", 7-8 Mai, Barcelona;

2008, Specializare la Universitatea din Atena, Laboratorul de Fiziologie Umana si Animala & Laborator de Biochimie si Biologie Moleculara, in cadrul proiectului NATO project SfP 982838/2007, 9 iunie – 9 iulie;
 2010, Curs intensiv “1st EFIS-EJI Intensive Educational Course in Clinical Immunology”, Centre de Recherche des Cordeliers, Paris, 1 - 4 decembrie;
 2011, Curs “Continuing Education Course «CEC 2 – REACH: How to complete a Chemical Safety Report ?”, in cadrul celui de-al 47-lea Congres al Societatilor Europene de Toxicologie, 28-31 August;
 2014, specializare la Compania Innopsys Co. pentru “Protein microarray platform InnoScan 1100 AL and Mapix software”, 3-5 sep, Carbonne, Franta;
 2015, Curs de Formator – Ministerul Muncii, Familiei si Protectiei Sociale, cod COR 242401, Certificat J Nr. J Nr. 00077702 / 28.07.2015
 2017, Curs de Transfer Tehnologic, CIT-IRECSON, 15-17 Mai, Bucuresti
 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

Referințe

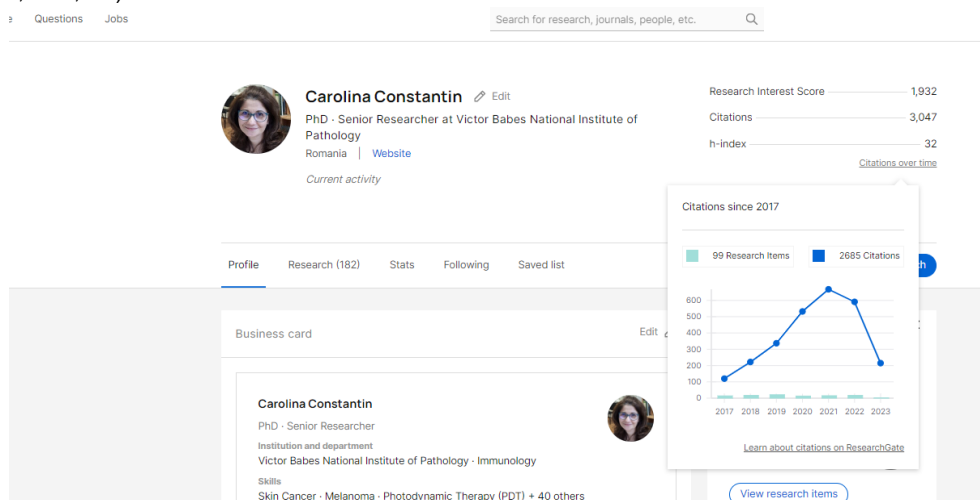
- Dr. Giuseppe Bardi, PI, Nanobiointeractions & Nanodiagnostics, Istituto Italiano di Tecnologia, Via Morego 30, Genova, 16163, Italy.
- Profesor Dr. *Aristidis Michael Tsatsakis* MSc, PhD, DSc, Editor Food Chemical Toxicology, Director Toxicology & Forensic Sciences Depart., Faculty of Medicine, President Hellenic Society of Toxicology

31 Mai 2023

Carolina Constantin

Anexa

Hirsch Index – 32 (mai, 2023; RG)



Lista proiecte conduse

Nr	Proiect	Rol	Perioada
1.	PN23.16.01.03 Triada funcțională în psoriazisul experimental murin: sistem imun – piele - intestin	Responsabil Proiect	2023-2026
2.	PN19.29.01.01. Circuite corelative între modificările epigenomice si epitranscriptomice în tumorigeneza cutanată – identificarea și filtrarea evenimentelor de editare m6A/m5C-dependente ca ținte terapeutice moleculare	Responsabil Proiect	2019-2022
3.	Parteneriate PN-II-PT-PCCA-2013-4-1386 Arhitecturi inovative de eliberare controlată medicamentoasă utilizând hesperidina și	Director Proiect	2014-2017

	flavonoide înrudite pentru tratamentul ulcerului cronic de gambă (NANOPATCH)		
4.	IDEI ID-PCE-2011-3-0918 Noi compuși fotosensibilizatori în dermato-oncologie	Director Proiect	2011-2016
5.	MNT-ERA NET 7030-5/2010 <i>Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine</i> Parteneri: Instituto Superior Técnico – Technical University of Lisbon – Centro de Química-Física Molecular e Instituto de Nanociência e Nanotecnologia (CQFM-IN/IST), Escola Superior de Tecnologia e Gestão do Instituto Politécnico de Portalegre (ESTG/IPP) Lisabona, Portugalia; Universitatea de Medicină și Farmacie “Carol Davila”, Institutul de Chimie Fizică “I.G.Murgulescu” al Academiei Romane, Institutul Național de Cercetare – Dezvoltare în Domeniul Patologiei și Științelor Medicale “Victor Babeș”	Responsabil INCD “Victor Babeș”	2010-2012
6.	Planul national II_contract PNII 41-047 Evaluarea in vitro la nivel celular a proprietatilor unor sisteme polifunctionale heterociclice cu potientiale aplicatii biomedicale	Responsabil IVB	2007-2010
7.	Planul National II_contract PNII 11-035 Structuri de tip cavitand si coronand - noua abordare a nanotehnologiei in sfera compusilor cu potential antitumoral	Responsabil IVB	2007-2010

Lista proiecte internationale

Nr	Proiect	Rol	Perioada
1.	COST Action CA21108 <i>European Network for Skin Engineering and Modeling (NETSKINMODELS)</i>	Membru in echipa	2022-2024
2.	COST Action 18125 Advanced Engineering and Research of aeroGels for Environment and Life Sciences <i>AeroGels</i>	Membru substitut	2019-2023
3.	COST Action 18127 International Nucleome Consortium <i>INC</i>	Membru MC	2019-2023
4.	COST Action 16120 European Epitranscriptomics Network. <i>EPITRAN</i>	Membru substitut	2020-2021
5.	NATO Sfp 982838/2007. Development of a novel immunoassay for the very early detection of Biothreatening bacterial infections	Membru in echipa	2007-2014
6.	MNT-ERA NET 7030-5/2010. Tetrapyrrole nanostructures towards fluorescent molecular markers for biomedicine	Responsabil partener IVB	2010-2012
7.	Bilateral Cooperation Romania – China. Biomarker discovery in digestive tract cancer and skin melanoma using proteomic approaches <i>BIO-PROT RC</i>	Membru in echipa	2011-2012
8.	Bilateral Cooperation Romania-Greece 7285/02 “Victor Babeș” 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.	Membru in echipa	2003-2004
9.	LOR/VIR/PO3/002 – firma Lorus, 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	Membru in echipa	2003-2005

Lista proiecte fonduri structurale EU

Nr	Proiect	Rol	Perioada
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	Responsabil aplicatii	2016-2022
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 termen lung; Tutore	2014-2015
3	POSDRU no. 31081, 1.2 University for Future “Dermato-oncology development as multidisciplinary domain for medical training and international cooperation”	Expert	2010-2012

4	POSDRU no. 58819. „Training platform for implementing high technology in the health care system” Acronym: TDM	Expert	2010-2013
5	POSDRU no. 59497 “Training for implementing in the Immunology Laboratory of high technology” Acronym: IMUNOLAB	Expert	2010-2013

LISTA PUBLICATIILOR CARTI, CAPITOLE

- 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.
- Chapter 10 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.
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CSI Dr. Carolina Constantin