

DATE PERSONALE

Prenume/Nume **Teodora Monica/Neagu**

EXPERIENȚA PROFESIONALĂ

PERIOADA 2000 – in prezent
 LOCUL DE MUNCA Institutul National de Patologie „Victor Babes”, Splaiul Independentei 99-101, Bucuresti,
 POZITIE Sef Laborator Imunologie
 ACTIVITATI Coordonator proiecte nationale si internationale cooperari bilaterale, retele COST, proiect
 RESPONSABILITATI NATO SfP, studii clinice internationale
 Management de Laborator
 DOMENIU Imunologie, imunoterapie, biomarkeri, parametrii imuni celulari si umorali asociati
 diverselor patologii, terapie fotodinamica

PERIOADA 2012- in prezent
 LOCUL DE MUNCA Institutul National de Patologie „Victor Babes”, Splaiul Independentei 99-101, Bucuresti,
 POZITIE Team Leader “Assay Development and Alternative testing”
 ACTIVITATI
 RESPONSABILITATI Coordonator de proiecte nationale si internationale pentru echipa multi-disciplinara.
 Cercetare, Management de Laborator
 DOMENIU Imunologie, modele experimentale animale

PERIOADA 2017 – in prezent
 LOCUL DE MUNCA Sectia Anatomie Patologica, Spitalul Clinic Colentina
 POZITIE Cercetator stiintific I
 ACTIVITATI Cercetare
 DOMENIU Imuno-Patologie

PERIOADA 1993-2000
 LOCUL DE MUNCA Institutul National de Patologie „Victor Babes”, Splaiul Independentei 99-101, Bucuresti,
 POZITIE Romania
 ACTIVITATI Cercetator
 RESPONSABILITATI Coordonator de proiecte nationale.
 DOMENIU Cercetare
 Imunologie, imunoterapie, biomarkeri, parametrii imuni celulari si umorali

PERIOADA 1987-1993
 LOCUL DE MUNCA Institutul National “Cantacuzino”, Splaiul Independentei 103, Bucuresti, Romania
 POZITIE Cercetator, Doctorand
 ACTIVITATI Participare in proiecte de cercetare
 RESPONSABILITATI Cercetare
 DOMENIU Imunomodulare cu agenti extrasi din culturi bacteriene sau din produse vegetale

EDUCAȚIE ȘI FORMARE

PERIOADA TITLUL OBTINUT ORGANIZATIA	2020 – in prezent Biochimist principal Ministerul Sanatatii Ordin ME, nr 1540/3.09.2020
PERIOADA TITLUL OBTINUT ORGANIZATIA	2017 – in prezent Cercetator stiintific gradul I Ministerul Educatiei Ordin ME, nr 216/20.04.2017
PERIOADA TITLUL OBTINUT ORGANIZATIA	2014 - in prezent Abilitare in Imunologie, Coordonator de teze doctorat Teza de abilitare cu titlul <i>Harnessing the immune system - new insights in diagnosis and therapeutic approaches of major diseases</i> Ministerul Educatiei Ordin, nr. 623/6.11.2014, anexa 26
PERIOADA TITLUL OBTINUT ORGANIZATIA	1997 – 2020 Biochimist specialist Ministerul Sanatatii Ordin MS, nr 705/8.08.1997
PERIOADA TITLUL OBTINUT ORGANIZATIA	1990-1996 Doctor in Stiinte Biologice, teza de doctorat cu titlul <i>Immunological Parameters in chronic Staphylococcal infection</i> Academia Romana de Stiinte, Ministerul Invatamantului Ordin 5200/4.10.1996
PERIOADA TITLUL OBTINUT ORGANIZATIA	1984-1985 Master <i>Metode Speciale de Separare in Biochimie</i> Universitatea Bucuresti, Facultatea de Biologie, Sectia Biochimie
PERIOADA TITLUL OBTINUT ORGANIZATIA	1980-1984 Biochimist, Licenta in Biochimie, diploma Ministerul Educatiei si invatamantului Seria C, nr. 415/3.08.1984 Universitatea Bucuresti, Facultatea de Biologie, Sectia Biochimie

Limba(i) maternă(e)

Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	C2	C2	C2	C2	C2
Germana	B2	B1	B1	B1	A2
Franceza	C1	B2	B1	B1	A2

COMPETENTE PERSONALE

Competențe de organizare și management

In prezent conduc Laboratorul de Imunologie a carui echipa este implicata in proiecte de cercetare nationale si internationale. Fac parte din echipele de management ale unor proiecte internationale de tip COST (COST Actions D39, COST TD1002, COST 16120, COST 18125). Din anul 2000 sunt membru in Consiliul de conducere al Societii Nationale de Imunologie si din anul 2019 sunt presedintele ales a acestei Societati. Am organizat workshop-uri nationale si internationale, conferinte nationale si internationale. Din 2003 sunt membru OBBCSSR si am drept de libera practica in laborator de imunologie, din anul 1997 sunt biochimist specialist, din anul 2020 sunt biochimist principal. Din anul 2010 sunt membru in echipa de management pentru o serie de proiecte structurale cu fonduri EU in domeniul Tehnologie inovative in sistemul de sanatate si in domeniul imunologiei.

Competențe tehnice
Cursuri și
stagii de pregătire

- **1988** - Curs *Imunologie Fundamentală*, București, România
- **1989** - Curs *Imunologie Fundamentală*, București, România
- **1992** – Specializare în Autoimunitate, Sandoz Pharma Ltd., Laboratoarele de Cercetare Preclinică, Basel, Elveția
- **1996** – Curs avansat *Bioelectronica*, Mamaia, România
- **1997** - Curs avansat *Procese de transport membranar și semnalizare intracelulară*, București, România
- **2001** – Curs de formare post-universitară în domeniul științelor vietei - disciplina Biochimie și Biologie Moleculară, București, România
- **2005** – Curs *Tehnici moderne de biofizică în domeniul sănătății – de la fizică la medicină*, Poiana Brașov, România
- **2007** – Curs avansat *Evaluator pentru proiecte internaționale*, International Project Management, București, România
- **2007** – Curs avansat *Determinare kinase și situsuri fosforilate cu ajutorul metodelor bazate pe anticorpi în descoperirea de biomarkeri*, Amsterdam, Olanda
- **2007** - Curs avansat *Descoperirea de medicamente noi; Protein Arrays pentru descoperirea de Biomarkeri*, Amsterdam, Olanda
- **2008** – Curs *Principii și aplicații de microfluidică în științele vietei*, Barcelona, Spania
- **2008** – Curs *Tehnologii de Microfabricație*, Barcelona, Spania
- **2008** – Stagiul de pregătire *ProteinChip SELDI-ToF MS*, Malvern, USA
- **2008** – Stagiul de pregătire *Microscopie confocală In vivo*, Mavig, București, România
- **2009** - Stagiul de pregătire *Citometrie în flux FACS CANTO II*, Heidelberg, Germania
- **2009** – Curs *Culturi celulare*, LGC Standards, București, România
- **2010**- Participare *Primul Congres pentru utilizatorii tehnologiei XCELLigence*, München, Germania
- **2010** - Curs intensiv *Imunologie Clinică*, EFIS-EJI, Paris, Franța
- **2011**- Participare *al 2-lea Congres pentru utilizatorii tehnologiei XCELLigence*, Roma, Italia
- **2011** – Curs *Caracterizarea și aplicarea modelelor farmacocinetice pentru evaluarea riscului*, WHO, Eurotox, Paris, Franța
- **2013** - Curs *Proteomică*, Școala de vară, Brixen, Italia
- **2014** – Stagiul de pregătire *Tehnologia Protein microarray*, Universitatea din Toulouse, Franța
- **2015** – Curs *Invatarea la adulți*, Ministerul Muncii, Familiei și Protecției Sociale, cod COR 242401, Certificat J Nr. 00079315/28.07.2015, București, România
- **2017** – Curs *Transfer tehnologic*, CIT-IRECSON, București, România
- **2017** – Curs *Proprietatea intelectuală*, CIT-IRECSON, București, România
- **2019** – Curs *Leadership in COST*, COST, Bruxelles, Belgia
- **2020** – Curs *Management Strategic și Managementul Investițiilor*, Sinaia, România

Membru
în asociații profesionale

- **1988** – **în prezent** Societatea de Imunologie din România
- **2000** – **2019** - Consiliul de conducere al Societatea de Imunologie din România
- **2001** – **în prezent** Societatea Balcanică de Imunologie
- **2002** – **în prezent** Federația Europeană a Societăților de Imunologie
- **2006** – **în prezent** Federația Europeană a Societăților de Biochimie
- **2007** – **2014** Societatea Internațională a Porfirinelor și Ftalocianinelor
- **2007** – **în prezent** Societatea Internațională a Managementului de Programe
- **2009-2015** – Divizia Romană a Academiei Internaționale de Patologie
- **2010** – **în prezent** – membru fondator al Societății de Dermato-oncologie
- **2010** – **în prezent** – Reteaua Europeană de Nanomedicină
- **2010-2013** – Comisia de Terapii Avansate – Agenția Europeană a Medicamentului
- **2016** – **în prezent** Asociația Europeană de Dermato-oncologie (**EAD000445**)
- **2018** – **în prezent** – Academia Internațională de Știință (World Academy of Sciences)
- **2019** – **în prezent** – **Președinte** Societatea de Imunologie din România
- **2022** – **în prezent** – membru AdAstra

Alte competențe
Permis de conducere

MS Office; Adobe Photoshop

Categoria B

INFORMAȚII SUPLIMENTARE

Reviewer pentru revistele internaționale: *Recent Patents in Biomarkers*, Bentham Science Publishers;; *Journal. Journal of Gastrointestinal and Liver Diseases*, *Journal Health Politics, Dyes and Pigments*, *Photochemical and Photobiological Sciences*, *Patents in Biomarkers*, *World Journal of Methodology* Number ID:02445884, *South East European Journal of Immunology*, *Trends in Toxicology and Related Sciences*, *Current Biomarkers*; *Romanian Archives of Microbiology and Immunology*, *World Academy of Sciences 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*, *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*, *Scientific Reports*, *Journal of Molecular Neuroscience*, *Frontiers in Immunology*, *Frontiers in Oncology*, *Proteomics - Clinical Applications*, *Immunology*, *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*, *European Journal of Gynecological Oncology*, *ACS Omega*, *Journal of the European Academy of Dermatology and Venereology*

Editor asociat pentru review-uri pentru *Journal of Immunoassay and Immunochemistry Taylor & Francis Ed*; **pentru** *Bio-interactions and Bio-compatibility - Frontiers in Biomaterials Science*.

Editor Asociat pentru *Journal of Cellular and Molecular Medicine*.

Editor și Co-Editor:

- **Co-Editor 2016** pentru cartea "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.
- **Editor invitat 2012** Numar special *Transcriptomics biomarkers for diagnosis, prognosis and therapy monitoring in cancer* **Recent Patents in Biomarkers**, Bentham Science Publishers
- **Editor principal 2016** – Numar special *Omics landscape in disease biomarkers discovery* in *Disease Markers*, Hindawi Publishers;
- **Editor Principal 2018** – Numar Special – *Inflammation: Part Of The Problem Or Part Of The Solution?*, *Journal Of Immunology Research*, Hindawi Publ.
- **Editor Principal 2020**. Numar Special *Capsicum: Traditional Uses, Biactive Compounds And Biological Activities Pentru Revista Molecules*,
- **Editor Principal 2020**. Numar Special – *Inflammation: Part Of The Problem Or Part Of The Solution?, Part II*, *Journal Of Immunology Research*, Hindawi Publ
- **Editor Principal 2021**. Numar Special "Mechanistic Toxicology" *In Current Opinion In Toxicology*;
- **Editor 2021**. Numar Special "Personalized Medicine In The Field Of Inflammatory Skin Disorders" *In Journal Of Personalized Medicine*
- **Editor 2022**, Numar Special "Immune Responses To Nanomaterials For Biomedical Applications 2.0" *In Journal Nanomaterials*.
- **Editor 2022** Numar Special "Microscopy Imaging In Skin Physiological And Pathological Conditions", *In International Journal Of Molecular Sciences*,
- **Editor 2022** Numar Special "Skin Cancers: Biomarkers And Potential Therapeutic Targets", *In Journal Of Personalized Medicine*,
- **Editor 2022** Numar Special "Nanomaterials For The Diagnosis And Therapy Of Viral Infections *In Frontiers In Bioengineering And Biotechnology*;
- **Editor 2022** Numar Special „Skin Inflammation - A Cornerstone In Dermatological Conditions" *In Journal Of Personalized Medicine*.

Lector in Imunologie pentru cursurile sustinute in cadrul Societatea de Imunologie din Romania din 2002.

Lector in 6 proiecte structurale cu fonduri EU pentru doctoranzi, post-doctoranzi in domeniul proteomicii, imunologiei, imuno-toxicologiei.

Evaluator pentru proiecte internaționale – Horizon-HLTH, FP7, Horizon 2020, 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. EU expert evaluator ID EX2006C156206. Evaluator pentru proiecte cu fonduri structurale, granturi Fulbright.

Evaluator și membru în comisiile internaționale de doctorat – University of Natural Resources and Life Sciences, Wien; University of Crete, Greece

Lector invitat și Moderator pentru Congrese naționale și internaționale. Lector invitat și moderator la Sesiunea Tumoral Biomarkers in cadrul *European Congress of Biomarkers, Lisbona, Portugalia, 2008*; Lector invitat la *BIT Life Sciences' 2nd Annual Congress and Expo of Molecular Diagnostics, Beijing, China, 2009*; Lector invitat la *International Symposium Quantitative Biology&Cytokine Signaling, Engelberg, Elvetia, 2012*. Lector invitat la *European Association of Dermato-oncology, Marsilia, Franta 2017*; Lector invitat la *International Symposium Quantitative Biology&Cytokine Signaling, Creta, Grecia 2017*; Lector invitat la *EnviPharm, Chicago, USA 2018*; Lector invitat la *Society of Immune therapy Congress, Atena, Grecia, 2018*, Lector invitat la *EUROTOX, Helsinki, Finlanda 2019*, Lector invitat la *24th World Congress on Advances in Oncology' & 24th International Symposium on Molecular Medicine, Sparta, Grecia 2019*; Lector invitat *International Conference on Aerogels for Biomedical and Environmental Applications, Meeting Committee COST 18125 18-20 February 2020, Santiago de Compostela*, Lector invitat și membru al Comitetului de organizare pentru *8th Symposium on Advances in Cancer Immunology and Immune Therapy, Athens, 2022*; membru al Comitetului de organizare *European Congress of Immunology, Dublin, 2024*.

În baza de date internațională **2019, 2020 and 2021 2% world scientists Mendeley Data - Data for "Updated science-wide author databases of standardized citation indicators"**.

Premii

- **Premii naționale:** Premii I al Autoritatii Romane pentru Cercetare in Domaniul Sanatatii 2008 pentru "Photochemotherapy innovative methods with nanostructured photosensitizers – from synthesis to clinical trial".
- **Premii internaționale:** brevetele au primit **Medalia de Aur** la Brussels Innova 2008, **Premiul Special** al Rudy Demotte, Ministru Presedinte al Regiunii Walloon Brussels Innova 2008, **Medalia de Aur** la The 37th International Exhibition of Inventions of Geneva 2009 si **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, **EYReC Medalia de Aur** la EUROINVENT, 2013; Diploma **Haller Pro Inventio Foundation** la EUROINVENT, 2013.
- **Articole premiate:** CNCISI 1084/2010, CNCISI 1154/2010, 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-2019-39547, 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

Identificare

ORCHID 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://unibuc.academia.edu/MonicaNeagu>
<https://scholar.google.com/citations?user=SilAtYAAAAJ&hl=en>
 Monica Neagu publications and citations analysis | exaly Search Engine

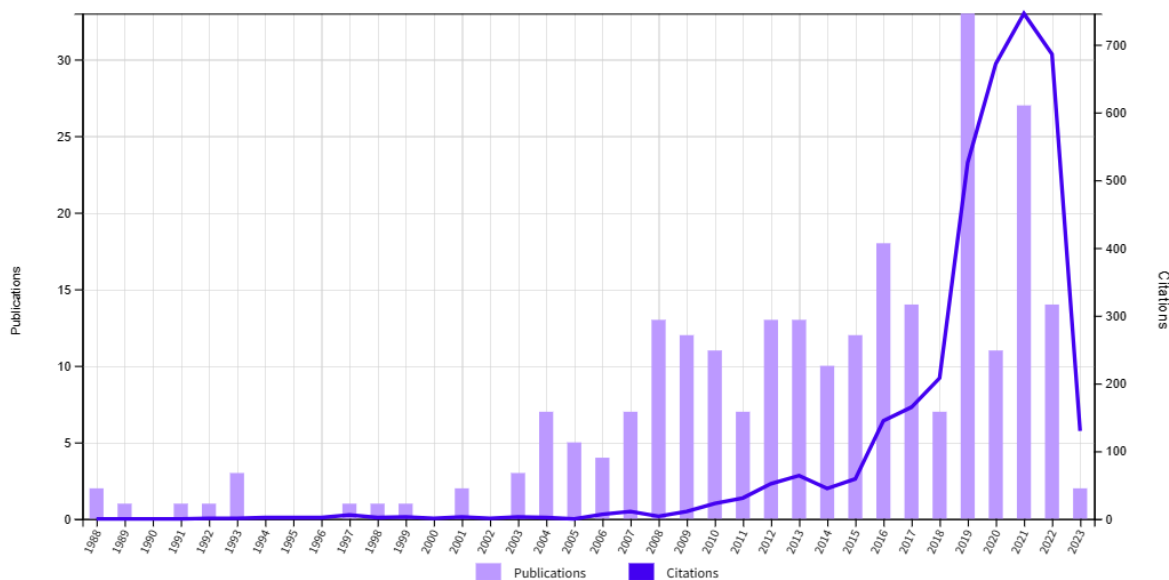
Hirsch Index – 40 (Google Scholar), 35 (Scopus), 35 (Clarivate)

Retrieved 19 Apr 2023 WOS

Publications 256 Total From 1950 to 2023	Citing Articles 2,709 Analyze Total 2,597 Analyze Without self-citations	Times Cited 3,614 Total 3,142 Without self-citations	35 H-Index 14.12 Average per item
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Times Cited and Publications Over Time

DOWNLOAD



ANEXE

Lista proiecte internationale
Lista proiecte structurale EU
Lista proiecte nationale
Lista publicatii (capitol si carti; publicatii indexate ISI, publicatii in late baze de date)

8.06.2023

Lista de proiecte

Proiecte internaționale

Proiect	Rol	Date	Stadiu
Cooperare Bilaterală România-Grecia 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.	Director de Proiect	2003-2004	Incheiat
Studiu clinic internațional LOR/VIR/PO3/002 – Lorus Company, 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	Incheiat
COST Action D39 - Chemistry and Molecular Sciences and Technologies Metallo-Drug Design & Action	Membru al echipei de management	2006-2008	Incheiat
NATO SfP 982838/2007 Development of a novel immunoassay for the very early detection of Biothreatening Bacterial Infections	Director de Proiect	2007-2015	Incheiat
Cooperare Bilaterală România-China 511/2011 "Victor Babes" National Institute - Beijing Institute of Genomics, Chinese Academy of Science Biomarker discovery in digestive tract cancer and skin melanoma using proteomic approaches	Director de Proiect	2011-2012	Incheiat
FP7-PEOPLE-IRSES-2008 Natural antidiabetic & antihypertensive drugs	Membru al echipei	2008-2013	Incheiat
MNT-ERA NET 7030-5/2010 <i>Tetrapyrrole nanostructures towards fluorescent molecular markers for</i>	Membru al echipei	2010-2013	Incheiat

<i>biomedicine</i>			
COST CA16120 - European Epitranscriptomics Network EPITRAN	Membru al echipei de management	2017-2021	In desfasurare
COST CA16113 - 'good biomarker practice' to increase the number of clinically validated biomarkers CLINIMARK	Membru al echipei	2017-2020	In desfasurare
COST CA18125 - Advanced Engineering and Research of aeroGels for Environment and Life Sciences AEROGELS	Membru al echipei de management	2019-2023	In desfasurare
COST CA18127 - International Nucleome Consortium INC	Membru Substitut al echipei de management	2019-2023	In desfasurare
COST CA17118 - Identifying Biomarkers Through Translational Research for Prevention and Stratification of Colorectal Cancer	Membru al echipei	2018-2022	Incheiat
Cooperare cu Universitatea din Salerno Study of the healing and immuno-modulating activity of new in situ gelling formulations, Coordinator Department of Pharmacy of the University of Salerno	Director proiect	2022	Incheiat
COST CA21108 - European Network for Skin Engineering and Modeling	Membru al echipei	2022-2024	In desfasurare

Lista proiecte structurale EU

Proiect	Rol	Date	Stadiu
POSDRU nr. 31081, 1.2 University for future "Dermato-oncology development as multidisciplinary domain for medical training and international cooperation"	Membru al echipei de management, peste 300 de participanti la proiect	2010-2013	Incheiat
POSDRU nr. 58819. „Training platform for implementing high technology in the health care system”	Membru al echipei de management, peste 150 de doctoranzi si post-doctoranzi	2010-2013	Incheiat

	participanti la proiect		
POS CCE 2.1.2 152 Proteomics Technologies For Cancer Biomarkers Discovery	Membru al echipei de management, Manager managementul calitatii	2010-2013	Incheiat
POSDRU nr. 59497 "Training for implementing in the Immunology Laboratory of high technology"	Expert, peste 300 de doctoranzi si post-doctoranzi participanti la proiect	2010-2013	Incheiat
POSDRU 141531/2014 "Developing human resources – PhD and post-doctoral studies – for excellence in health and biotechnological research"	Mentor direct pentru 4 doctoranzi, peste 150 de doctoranzi si post-doctoranzi participanti la proiect	2014-2015	Incheiat
POSDRU 135760/2014 „CERO – Carrier in Research”	Mentor direct pentru 4 doctoranzi	2014-2015	Incheiat
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 imunologie, imunotoxicologie, director de proiecte subsidiare cu companii care dezvolta produse biologice	2016-2022	Incheiat

Lista Proiecte Naționale

Proiect	Rol	Date
<i>Research Contract Academy of Medical Science</i> Diagnostic and prognostic value of cellular immunity tests. Institutul Cantacuzino	Director proiect	1987-1991
<i>Research Contract Academy of Medical Science</i> Immune parameters in chronic staphylococcal infections. Cantacuzino Institute	Director proiect	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	Membru echipa	1992-1993

immunosuppression. Cantacuzino Institute		
<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.	Membru echipa	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	Membru echipa	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	Membru echipa	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	Membru echipa	1999
<i>Research Contract Ministry of Research and Technology Orizont 2000</i> Peripheral polymorphonuclear cell functional isolated from patients diagnosed with rheumatoid arthritis	Membru echipa	1999-2001
<i>Grant Romanian Academy</i> Modulation through chemotactic factors oxygen-dependent cytotoxic functions developed by human neutrophils	Membru echipa	2001
<i>Research Contract Ministry of Research and Technology, Programm Orizont 2000</i> Neutrophils and lymphocytes functionalities in myocardial infarction, unstable angina and atheromatous disease	Director proiect	2000-2002
<i>Grant Romanian Academy</i> Interrelation tumorigenesis - inflammatory process in experimental murine model	Director proiect	2000
<i>Research Contract Viasan 090/2001</i> Immunomodulatory effect of low molecular weight heparins used in the prevention and therapy of cardiovascular diseases	Director proiect	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	Director proiect	2003-2005
<i>Research Contract Viasan 341/2004</i> Cellular immune response in aging - evaluation of biochemical and immunological methods by age group	Director proiect	2004-2006
<i>Research Contract Viasan 091/2001</i> Dynamics of functional and molecular cellular immune parameters of patients	Membru echipa	2001-2004

with rheumatoid arthritis treated with inhibitors of purine ribonucleotides (methotrexate) or pyrimidine (leflunomide)		
<i>Research Contract 229/2003</i> Immunomodulatory signals transmitted by opioid receptors - study performed on peripheral immune cells isolated from patients with rheumatoid arthritis.	Membru echipa	2003-2005
<i>Research Contract BIOTECH 052/2001</i> Immunomodulatory action of plant extracts from Cucumis melo (Cucurbitaceae)	Membru echipa	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	Membru echipa	2002-2005
<i>Research Contract Viasan 236/2004</i> Creating a system with multiple users for applied research in experimental and clinical immunology	Membru echipa	2004-2005
<i>Grant CNCSIS</i> Monitoring changes in transmembrane calcium flux under the action of toxic doses of opioids in cellular experimental models	Membru echipa	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	Membru echipa	2004-2005
<i>Contract CALIST 1087/2004</i> System for cellular immunology methods and applications in toxicology and pharmacology	Membru echipa	2004-2006
<i>Research Contract Viasan 401/2004</i> The neuroprotective effect of flavonoids against oxidative stress involved in neurodegenerative diseases	Membru echipa	2004-2006
<i>Research Contract Viasan 3/2004</i> Studies and experimental research to obtain stem cells for specific immunomodulation	Membru echipa	2004-2006
<i>Research Contract CEEX 18</i> Innovative methods for photochemotherapy using new nanostructured photosensitizers - from synthesis to clinical trial	Responsabil partener	2005-2008
<i>Research Contract CEEX 107/2005</i> Anti-aging effects induced by photodynamic therapy with 5-aminolevulinic acid - molecular mechanisms studies	Responsabil partener	2006-2008
<i>Research Contract CEEX 108/2005</i>	Responsabil	2006-2008

Molecular markers involved in the etiopathogenesis, diagnosis and prognosis of chronic venous insufficiency and chronic leg ulcers	partener	
<i>Research National Plan Contract PNII 41-083</i> Experimental model of photodynamic therapy with tetrakis-4-sulfonato-phenyl-porphyrin (TSPP) in spinocellular carcinoma	Responsabil partener	2007-2010
<i>Research National Plan Contract PNII 61-009</i> Staging and immunological monitoring in cutaneous malignant melanoma - innovative methods of diagnosis	Director proiect	2007-2010
<i>Research National Plan Contract PNII 11-035</i> Cavitated and coronated type structures - new approach in the nanotechnology for antitumor compounds	Membru echipa	2007-2010
<i>Research National Plan Contract PNII 41-047</i> In vitro evaluation of heterocyclic drug systems with potential biomedical applications	Membru echipa	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	Membru echipa	2007-2010
<i>Research National Plan Contract PNII 61-37</i> Development of a bioinformatics system QSAR modeling for evaluating anti-rheumatic activity and antitumor therapeutic agents in individualized therapies	Membru echipa	2007-2010
<i>Research National Plan Contract 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	Responsabil partener	2008-2011
<i>Research National Plan PCE- ID-PCE-2011-3-0918</i> New photosensitizers compounds in dermato-oncology	Membru echipa	2011-2016
<i>Research National Plan Contract 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	Membru echipa	2014-2017
<i>Research National Plan Contract Proiect Nucleu 09.33 - 01.01</i> Serum Biomarkers for cutaneous melanoma monitorization in Romanian population	Director proiect	2009-2016
<i>PN-II-RU-TE-2011-3-0249</i> - Image-Based Assisted Diagnosis and Prognosis of Cutaneous Melanocytic Tumors	Expert proteomica	2011-2014
<i>Research National Plan Contract PN-II-PT-PCCA-2013-4-1407</i> Regression-based theranostic polyfactorial classifier for melanoma patients stratification	Responsabil partener	2014-2017
<i>PN-III-P1-1.2-PCCDI-2017-0341</i> – Multi-disciplinary platform for increasing institutional capacity in dermato-oncology and dermato-pathology	Responsabil partener	2018-2021
<i>PN-III-P1-1.2-PCCDI-2017-0782</i> – Innovative approaches in predictive	Responsabil	2018-2021

regenerative medicine	partener	
<i>PN-III-P1-1.2-PCCDI-2017-0062 - New methods of diagnosis and treatment: current challenges and technologic solutions based on nanomaterials and biomaterials</i>	Membru echipa	2018-2020
<i>Research National Plan Contract Proiect Nucleu 18.21.01.01 Normal values for melanoma biomarkers for improving immuno-score in cutaneous melanoma</i>	Director proiect	2018
<i>Research contract UNATC "Oxytocin evaluation in sputum and urine samples"</i>	Coordonator	2018-2019
<i>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</i>	Membru echipa	2019-2021
<i>7PFE/16.10.2018 - Institutional development of Victor Babes National Institute from performance to excellence in health domain</i>	Membru echipa	2018-2020
<i>31FPE/31.12.2021- Institutional development of Victor Babes National Institute from performance to excellence in health domain</i>	Membru echipa	2022-2024
<i>PN-III-P4-PCE-2021-0549 - Portrayal of antigen presenting cells in cutaneous melanoma - innovative pillars for harnessing immunotherapy</i>	Director proiect	2022-2024
<i>PN-III-P2-2.1-PED-2021-2243 - Polifactorial protocol of diagnosis in diabetic neuropathy</i>	Responsabil partener	2022-2024

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1. 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; **Portugalia** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; **Brevet OSIM Nr. 123419/30.03.2012**
2. Tetra-sulphonated porphyrin application for producing a photosensitizer in photodynamic therapy; Co-inventors – Ion Rodica, **Neagu Monica**, Carolina Constantin, Boda Daniel; **Brevet OSIM Nr. 12582/30.12.2010**
3. 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; **Portugalia** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira, **Brevet 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 Diana, **Neagu Monica**, Matei Constantin, Carolina Constantin, Iacob Nicusor, Ighigeanu Daniel, Manaila Elena, Craciun Gabriela; **Brevet 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, **Portugalia** Anabela Sousa Oliveira, Luis Felipe Vieira Ferreira; Brevet de inventie, **Brevet OSIM Nr. 125018/30.04.2015**
6. 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; **Brevet OSIM Nr. RO130589-A2 /13.03.2014**
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8. 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**
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9. 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.
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8.06.2023