

## PERSONAL INFORMATION

**Cornelia NICHITA**

[All CV headings are optional. Remove any empty headings.]

📍 University of Bucharest, Faculty of Physics, CTT 3Nano-SAE Research Centre, PO Box MG-38, 077125, 405 Atomistilor Street, Bucharest-Magurele, Romania

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🌐 State personal website(s) [www.3nanosae.org](http://www.3nanosae.org)

💬 Replace with type of IM service Replace with messaging account(s)

Sex F | Date of birth 15/06/1968 | Romanian

## POSITION

**Senior research grade I** at University of Bucharest ICUB, Faculty of Physics 405 Atomistilor str, MG-38, 077125 Bucharest (Romania) [fizica.unibuc.ro](http://fizica.unibuc.ro)

- **Teaching:** Physical chemistry (Physical chemistry of the environment, Nano chemistry) for master and PhD schools in renewables and alternative energy sources
- **Synergistic Activities:** Member of the research team, Supervising student research activity of the Master Program Renewable and Alternative Energy Sources, University of Bucharest, Faculty of Physics
- **Supervisor** - international internship coordination in collaboration with Columbia University, Center for Career Education (2017-2018)
- **Research:** Synthesis and characterization of nanomaterials for Environmental Protection, energy and photodegradation, eco nanotechnologies for the decontamination of polluted waters and soils, renewable natural materials in energy and Environmental Protection
- **Visiting Professor-2023**-Technical Varna University, Microbial fuel cells, Impact on the environment generated by transport systems. Pollution mitigation methods based on advanced nanotechnology.
- **Member:**International Associations: Groupe polyphenols (since 2012) , Order of Biochemists, Biologists and Chemists in the Health System (since 2012); Romanian Society of Biotechnology and Bioengineering

## PROFILE

## WORK EXPERIENCE

2016 - Present

**Senior research grade I**

University of Bucharest, Faculty of Physics, CTT 3Nano-SAE Research Centre, PO Box MG-38, 077125, 405 Atomistilor Street, Bucharest-Magurele, Romania, <http://www.3nanosae.org/> [fizica.unibuc.ro](http://fizica.unibuc.ro)

Business or sector Higher Education

Coordinator of the bionanotechnology laboratory from CTT 3Nano-SAE Res Center

▪ Field:1) Environmental Protection 2) Eco-nanotechnologies; 3) Nanomaterials synthesis; 4) Polymers, biopolymers, bionanotechnologies; 5) Materials characterizations (spectral and chromatographic HPLC, LC-ESI-MS, Mass spectrometry, Dynamic Light Scattering-DLS, chemiluminescence technique CL); Quality management - project planning and management; Scientific Research

2016 - 2011

**Senior research grade II/III**

University of Bucharest, Faculty of Physics, Bucharest-Magurele (Romania)

Teaching: Nano chemistry for master in renewables and alternative energy sources

Research: Bionanomaterials synthesis; Biopolymers for medicine and Environmental Protection, Bio nanotechnologies; Eco nanotechnologies, Materials characterizations: spectral and chromatographic HPLC, LC-ESI-MS, Mass spectrometry, Dynamic Light Scattering-DLS, Chemiluminescence technique CL.

2007 - 2011 **Scientific Research grade III, II**

National Institute for Chemical-Pharmaceutical Research and Development ICCF, Pharmaceutical Biotechnology Department, Vitan Avenue, No.112, Bucharest (RO)

**The main activities**

- ✓ Director of research projects (Grant type, Nucleu, PNCDI II)
- ✓ Obtaining plant antioxidants, for direct applications in the pharmaceutical and cosmetic industry, but also as food additives
- ✓ Potentiation of therapeutically active principles in order to create new effective pharmaceutical forms
- ✓ Correlation of technological, analytical and pharmacological data
- ✓ Dissemination of results (ISI publications, scientific papers)

**Research directions**

- ✓ Classical and modern plant extraction (US, MAE) • Techniques and methods of extraction-separation, quantification of active principles (Soxhlet, ultrasonics, technology of plant extracts in supercritical fluids, microwaves, dialysis, ultrafiltration, osmosis), cross-linking-self-assembly techniques biopolymers; • Techniques and methods of eco-synthesis of metallic nanoparticles
- ✓ Characterization of nanoparticles, bionanocomposites, biogels, biocompatibilities,
- ✓ Characterization of nanoparticles - DLS (dynamic light scattering), zeta potential
- ✓ Methods for obtaining extracts from natural products, obtaining selective plant extracts and developing methods for separating active principles of therapeutic interest
- ✓ Spectral methods for characterizing the structure of biomolecules (UV-VIS, FTIR)
- ✓ Chromatographic techniques for separating and identifying the components of plant extracts (CSS, HPLC, LC-ESI-MS)
- ✓ Vegetable pigments and volatile oils with applications in cosmetics and pharmacology
- ✓ Toxicological and pharmacological tests (Cellular and molecular-proteomics study)
- ✓ Products from natural extracts with uses in pharmacology and cosmetics (nutraceuticals, topical products, products with photochemoprotection)
- ✓ Antioxidant activity study (ABTS, DPPH, CL-chemiluminescence, CV-cyclic voltammetry)

**Responsibilities**

- ✓ Establishing the control and monitoring methodology of the technological and analytical systems
- ✓ Organization and coordination of laboratory activities
- ✓ Project management
- ✓ Coordination of partners - research units from the academic environment and higher education institutions
- ✓ Cooperation with research departments within the institute
- ✓ Cooperation with administrative departments
- ✓ Communication with the authorities in the field (UEFISCDI, ANCS, CNCSIS, MCT)

 2000 - 2007 **Scientific Research Chemist**

National Institute for Chemical-Pharmaceutical

Research and Development ICCF, Pharmaceutical Biotechnology Department, Vitan Avenue, No.112, Bucuresti (Romania)

Vegetal extractive biotechnologies and physico-chemical control of natural extracts used in therapy, project planning and management

Scientific Research

## AND TRAINING

2010 - 2013	Postdoctoral stage- Postdoctoral Diploma	Replace with EQF (or other) level if relevant
	University of Bucharest, Faculty of Physics, Bucharest-Magurele, Romania.	
	<ul style="list-style-type: none"> <li>Thesis title: „<b>Studies on the interactions in bio-inspired polymer systems with molecular recognition. Applications in nanomedicine, nanotherapeutics</b>”, supervisor Prof. Dr.Ioan Stamatiu</li> </ul>	

Replace with dates (from - to) 2001 - 2006	Doctoral stage, Equivalent title: Dr. in chemistry	Replace with EQF (or other) level if relevant
	University POLITEHNICA of Bucharest, Faculty of Industrial Chemistry, Department of Applied Physical Chemistry, Romania.	
	<ul style="list-style-type: none"> <li>Thesis title: „<b>Selective Extracts Of Bioactive Compounds with Applications in Pharmacology and Cosmetics</b>”.</li> </ul>	

Replace with dates (from - to) 1996-2000	Equivalent title: MSc Chemist	Replace with EQF (or other) level if relevant
	University of Bucharest, Faculty of Chemistry, Romania	
	<ul style="list-style-type: none"> <li>Major: Chemistry</li> <li>Specialization: applications and competence development in practical laboratory applications.</li> </ul>	

<b>PERSONAL SKILLS</b>	Skills and competences in communication, networking, teamwork, team building, competition, self-assessment, psychosocial climate open capacity of mediator [Remove any headings left empty.]
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Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	B1
	Replace with name of language certificate. Enter level if known.				
French	B1	B1	B1	B1	B1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- Adaptability to multi- scientific working teams and good communication skills gained through my experience as manager of scientific projects .

- Organisational / managerial skills**
- leadership (currently responsible for a team of 40 people)
  - organizing and coordinating the implementation of numerous scientific projects and developed within the institution and in partnership with institutions (university, research institute)
  - planning, organizing, coordinating, controlling, evaluating human, material and time resources

- Job-related skills**
- good command of quality control processes skills gained through my experience as manager of scientific projects.

**Digital competence**

## SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- computer skills: Windows MsOffice - Word, Excel, Power Point, Origin

- Other skills**
- teaching skills: internship in universities
  - Technical skills: working skills with equipment specific to a chemistry/ biochemistry/ chemistry-physics laboratory; these abilities have been acquired in research projects (over 80 research projects)

**ADDITIONAL INFORMATION**
**Patents and patent applications over 20 Patents selective**

**2006 Process for Preparing Ecological Microbial Biostimulators With Agrobiological Use**, Patent no.: RO120944B1/2006, Pamfil M, Nichita Comelia, Mocanu E, Vamanu A

**2010 Process for the Bioremediation of Waste Water by Using Biofilter-Type Systems**, RO122994B1, A.Ionescu, A. Stefaniu, **C. Nichita**, A.Voicu, S.Dobrota, M.Stefanescu, M.Lazaroaie

**2015 Composite carbonic xerogels with graphene oxide and process for obtaining the same**, Patent no. RO130237-A2/2015, Stamatina I, Trefilov A M I, Balan A E, **Nichita C**, Iordache S M

**2015 Multi-layer graphenes and process for obtaining the same where in the process consists in the ultrasonic treatment of the intumescent or natural graphite**, Patent no. RO130236-A2/2015, Stamatina I, Ceaus C, Balan A E, Iordache S M, Nichita C

**2020 Sono-Electrochemical Method for Recovering Platinum Metals From Waste Motor-Vehicle Catalysts and Process for Applying The Same**, RO135324A2, Stamatina Șerban Nicolae, Diac Comelia, Vasile Eugeniu, Maxim Iuliana Florentina, Bălan Adriana Elena, **Nichita Cornelia**, Stamatina Ioan.

**2021 Alkane-based graphene-containing composites for thermal energy storage and process for their Production**, Patent no.: RO 133779 (B1)/30.12.2021, Stamatina Ioan, Farqad Rasheed Saeed Saeed, Bălan Adriana Elena, **Nichita Cornelia**, Stamatina Serban Nicolae, Ceaus Catalin.

**2021 Arrays of Chromogenic Sensors for Controlling Quality Of Fresh Meat Products and Process for Obtaining**

**the Same**, Patent no.:RO 133779 B1, Iordache A, Nichita C, Iordache S M, Stamatina I

**2021 Nano-Structured Materials for Electrodes in Sodium-Ion Batteries Obtained by Molecular Reconstruction Process**, RO133804A2, RO 133804 B1, Stamatina I, Abdullah Mustafa Zaid Abdullah, Al Timimi Muhammad Hameed Abdullah, Bălan A E, **Nichita C**, Stamatina S N.

**2021 Platinum Electrocatalysts Obtained by Bioelectrochemical Conversion of Spent Motor-Vehicle Catalysts and Obtaining Procedure** A/00206/26.04.2021, Stamatina Serban Nicolae, Moisescu Cristina, Iacob Matei Tom, Ghinea Adrian, Diac Cornelia, Maxim Iuliana Florentina, Ardelean Ioan, **Nichita Cornelia**, Stamatina Ioan.

**2022 Herbal antioxidant product with applications in the cosmetic, food and pharmaceutical industries and process for its preparation**, Patent no.: RO 132422 (B1)/30.03.2022, **Nichita Cornelia**, Bălan Adriana Elena, Ceaus Cătălin, Nita Sultana, Bazdoaca Cristina Mirela, Stamatina Ioan.

**2022 Titanium Dioxide-Based Photocatalytic Nanostructures to Be Applied in Environmental Decontamination and Processes for Preparing The Same**, RO RO 134886 B1, Stamatina I, Widad Hano Albanda Abba, Al Timimi Muhammad Hameed Abdullah, **Nichita C**

**2022 Vegetal Antioxidant Product with Applications In Cosmetics, Food Industry and Pharmaceutical Industry, and Process for Preparing the Same**, RO 132422 B1, **Nichita C**, Bălan A E, Ceaus C, Nita S, Bazdoaca C M, Stamatina I

**2023 Bio-Support Based on Chitosan Nanoparticles for Carrying Active Principles and Process for Obtaining**, RO 133134 (B1), **Nichita Cornelia**, Stamatina Ioan Daniel, Tamaian Radu.

**2023 , Electrocatalytic Nanostructures Based on Copper Oxide for Electroreduction of CO<sub>2</sub> and their Procedure**, A/00268.29.05.2023, Stamatina Ioan, Mitrea Bogdan Ciprian, Iacob Matei Tom, Stamatina Serban Nicolae, **Nichita Cornelia**.

**2024 Chitosan and Silver Nanoparticle-Based Bio-Nanostructures with Applications in Pharmaceutical and Dermato-Cosmetic Field and Process for Obtaining**, RO 133951 (B1), **Nichita Cornelia**, Al-Behadili Faisal Raheem Mikhailef, Bălan Adriana Elena, Stamatina Ioan

**2024 Method of in Situ Testing of the Bioelectrochemical Characteristics of Microorganisms and its Application Procedure**, A/00137/2024, Stamatina Ioan, Chifiriuc Mariana Carmen, **Nichita Cornelia**, Eden Mamut, Oancea Laurentiu, Iacob Matei Tom, Grigore Georgiana Alexandra.

**2024 Batteries Based on Electrolyte Containing Mxene Functionalized with Vanadium Oxides and Process for Obtaining**, A/00260/2024, Stamatina Ioan, Eden Mamut, **Nichita Cornelia**, Prodan Gabriel-Corneliu, Mitrea Bogdan Ciprian

**Research projects-** over 80 national projects and 3 international Projects - as team member

#### Projects selective

2024-2027

A green approach in the frame of circular economy: robocasted photocatalysts for wastewater treatment and use of reclaimed water in agriculture WaterGreenTreat, European Commission and CNCS/CCCDI-UEFISCDI, project number COFUND-WATER4ALL-WATER Green Treat-1, No. 59/2024, within PNCDI IV.

2018 – 2020

Experimental model/ prototype: combinatorial solubilisation method: electrochemical-supercritical fluids-ultrasounds-Responsible for component project no. 1 Project no. 76PCCDI/2018, UEFISCDI: Ecoinnovative technologies for recovering of the platinum group metals from scrap catalytic convertors,

Link <https://www.3nanosae.org/ecotech-gmp/>

2017 – 2019

Smart material based thermal buffer for passive spacecraft thermal control - Project coordinator Project no. 134/2017, STAR Program, Romanian Space Agency

Link <https://www.3nanosae.org/coolpcm-134-2017>

2014 – 2017

Advanced stationary energy supply based on Fuel Cells for bio-organic farming in greenhouses - Project coordinator Project no. 46/2014, UEFISCDI

Link <https://www.3nanosae.org/fc-farm-46-2014>

2014 – 2017

Synthesis, screening and controlled release of some novel thiazole, bithiazole and thiazolidin-4-one compounds with antioxidant, antiproliferative and antimicrobial activity, Project no.: 210/2014, PN-II-PT-PCCA-2013-4-2075, UEFISCDI

Link <https://www.icsi.ro/synthiazo/>

### Managerial experience

- 1) Project director: PN-II-61014/2007 ("Flavonoid bioproducts, modulators in oxidative stress proteomics, with prophylactic and therapeutic action", Period: 14.09 2007 - 30.11.2010, Funding: 1,119,456 RON, Source of funding: Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI).
- 2) Project director: GRANT type At code CNCSIS 609/"Extraction, separation and identification of flavonic principles from medicinal plants" Period: 2002 - 2004, Funding: 56,000 thousand lei
- 3) Project director: NUCLEU/Studies on the extraction, separation and identification of flavonic principles from medicinal plants, Period: 2003 – 2005
- 4) Project director: NUCLEU/Obtaining and identifying new flavonoid combinations with high biological potential, Period: 2006 – 2008
- 5) Responsible Partner PN II/210/2014 Synthesis, screening and controlled release of new thiazole, bitiazole and thiazolidin-4-one compounds with antioxidant, antiproliferative and antimicrobial activity (2014-2017).
- 6) Project director: NUCLEU/Bioconjugates based on silver nanoparticles (AgNPs) and selective plant extracts, with targeted anti-inflammatory action (2017)
- 7) Responsible: Project POC ID P\_40\_406, SMIS Code 105542, / Cosmetic preparations based on ionic colloidal solutions enriched with plant extracts (2018-2020).
- 8) Responsible: Project POC ID P\_40\_406, SMIS Code 105542, /Antimicrobial solutions based on ionic colloidal silver and plant extracts //Subsidiary contract type D3/23.03.2021. Project POC ID P\_40\_406, SMIS Code 105542, (2020-2022);

### Articles in international journals: 51 (37 ISI)

#### Publications selective

- **C. Nichita**, I. Stamatin, A. Balan-Andronie, M. Zaulet "Antioxidant Biohybrids With Potential Application In Pharmaceutical Area" Digest Journal of Nanomaterials and Biostructures Vol. 6 (4), p.1851-1858, 2011; (ISSN 1832-3582), (IF=2.079)
- Manuela Florea-Spiroiu, Daniela Bala, Adriana Balan, **C. Nichita**, Ioan Stamatin, "Alginate Matrices Prepared in Sub and Supercritical CO<sub>2</sub>" Digest Journal of Nanomaterials and Biostructures Vol. 7(4), p. 1549-1555, 2012; (ISSN 1832-3582), (IF=1.200)
- **C. Nichita**, I. Stamatin, "The Antioxidant Activity Of The Biohybrides Based On Carboxylated/ Hydroxylated Carbon Nanotubes-Flavonoid Compounds" Digest Journal of Nanomaterials and Biostructures Vol. 8 (1), p.445-455, 2013; (ISSN 1832-3582), (IF=1.092)
- Mihaela Buleandra, Andreea Alexandra Rabinca, Constantin Mihailciuc, Adriana Balan, **Cornelia Nichita**, Ioan Stamatin, Anton Alexandru Ciucu, "Screen-printed Prussian Blue modified electrode for simultaneous detection of hydroquinone and catechol", Sensors and Actuators B: Chemical, 2014, Vol.203, p. 824-832, 2014, (ISSN: 0925-4005), (IF=3.840)
- **Cornelia Nichita**, Adriana Balan, Mihaela Zaulet, Ana-Maria Iordache, Catalin Ceaus, Laura Buburuzan, Rodica Dumitrache, Ioan Stamatin, E-Nose Mass Spectrometry Method For The Evaluation Of Artificially Contaminated Meat, Romanian Biotechnological Letters, Vol.21, 2016, (ISSN 1224-5984) (IF=0,412)
- Ana-Maria Iordache, R. Cristescu, E. Fagadar-Cosma, A.C Popescu, A. A Ciucu, S. M Iordache, A. Balan, **Cornelia Nichita**, Ioan Stamatin, Douglas B Chrisey, Histamine detection using functionalized porphyrin as electrochemical mediator, Comptes Rendus Chimie, Volume 21, Issues 3–4, P. 270-276, 2018 (IF=1,879),
- ME Barbinta-Patrascu, N Badea, M Constantin, C Ungureanu, **C Nichita**, SM Iordache, A Vlad, S Antohe, Bioactivity of Organic/Inorganic Phyto-Generated Composites in Bio-Inspired Systems, Romanian Journal of Physics 63, p.702, 2018.
- Andra Dinache, Adriana Smarandache, Ionut Relu Andrei, Iuliana Urzica, **Cornelia Nichita**, Mihai Boni, Viorel Nastasa, and Mihail Lucian Pascu. "Laser assisted generation of micro/nanosize emulsions." Colloids and Surfaces A: Physicochemical and Engineering Aspects, 577, p.265-273, 2019.
- **Cornelia Nichita**, Al-Behadili F Mikhailef, E Vasile, I Stamatin, "Silver Nanoparticles Synthesis. Bioreduction with Gallic Acid and Extracts from Cyperus rotundus L." Digest Journal of Nanomaterials and Biostructures Vol. 15(2), p. 419-433, 2020.
- ME Barbinta-Patrascu, **C Nichita**, N Badea, C Ungureanu, M Bacalum, I Zgura, L Iosif, S Antohe, "Biophysical Aspects of Bio-nanosilver generated from Urtica dioica leaves and vitis vinifera fruits'extracts." Romanian Journal of Physics 73(1), 2021.
- Grigore, R., Popescu, B., Berteșteanu, Ș.V.G., **Nichita, C.**, Oașă, I.D., Munteanu, G.S., Nicolaescu, A., Bejenaru, P.L., Simion-Antonie, C.B., Ene, D. Ene, R., The Role of Biomaterials in Upper Digestive Tract Transoral Reconstruction, he Role of Biomaterials in Upper Digestive Tract Transoral Reconstruction. Materials, 14(6), p.1436, 2021.
- Violeta Purcar, V Rădițoiu, **Cornelia Nichita**, Adriana Bălan, Alina Rădițoiu, Simona Căprărescu, Florentina Monica Raduly, Raluca Manea, Raluca Șomoghi, Cristian-Andi Nicolae, Iuliana Raut, Luiza Jecu, Preparation and Characterization of Silica Nanoparticles and of Silica-Gentamicin Nanostructured Solution Obtained by Microwave-Assisted Synthesis, Materials 14(8) p. 2086, 2021.

- Sanda Voinea, **Cornelia Nichita**, Iulia Armeanu, Bianca Șolomonea, Experimental Study of Biodegradable Materials in Environmental Physics Classes, Romanian Journal of Physics 73(2), p. 903, 2021.
- S Voinea, **C Nichita**, E Burchiu, C Diac, I Armeanu, Study Case of Potable Water from Wells in the Metropolitan Bucharest Area. Influences On Human Health-Interdisciplinary Lab, Romanian Journal of Physics 74(2), p.902, 2022.
- ME Barbinta-Patrascu, C. Chilom, **C. Nichita**, I. Zgura, S. Iftimie, S. Antohe, Biophysical Insights on Jack Bean Urease in the Presence of Silver Chloride Phytonanoparticles Generated from *Mentha piperita* L. Leaves, Romanian Journal of Physics 74.,605, 2022.
- Barbinta-Patrascu, M.E., **Nichita, C.** and Antohe, S., . INNOVATIVE STRATEGY BASED ON GREEN NANOTECHNOLOGY FOR ELIMINATION AND REDUCTION OF AQUATIC WEEDS. Romanian Reports in Physics, 75, p.604. .2023
- Barbinta-Patrascu, M.E., **Nichita, C.**, Bitu, B. and Antohe, S., Biocomposite Materials Derived from Andropogon halepensis: Eco-Design and Biophysical Evaluation, Materials, 17(5), p.1225, 2024.
- **C Nichita**, S Voinea, Removal of The Pharmaceutical Pollutants From Water Using Natural Filter Materials-Experimental Lab, Romanian Journal of Physics 76, 706, 2024 (IF=1.662)

#### Papers presented at international/national conferences>100

**Books** - "Beneficial biological effects of flavonoids" D Miscalencu, G Neagu-Caraene, F Mailat, **Cornelia Nichita**, Ed UB Bucharest, 2008; ISBN: 978-973-737-438-7

#### Other publications:

Course "Use of medicinal plants in therapy",

Course "Primary processing guide of medicinal and aromatic plants"

#### Honours and wards:

**Gold Medal-2023** Antibacterial Toothpaste Based on Colloidal Ionic Silver and Plant Extracts and Process for Obtaining, Nichita Cornelia, Salonul internațional al cercetării științifice, inovării și inventicii, ProINVENT, Ediția XXI, 25-27 octombrie 2023, Cluj-Napoca

**Gold Medal- 2019**, Composite carbon xerogels with graphene oxide and their manufacturing process – EuroInvent 11 edition, European Exhibition of Creativity and Innovation I. Stamatina, A. Trefilov, A.

Balan, C. Nichita, S. Iordache

**Silver Medal, EUREKA, Brussels, 2008**, The 53 th International Exhibition of Innovation, Research and New Technologies

**Silver Medal, International Exhibition of Inventions, Geneva 2005** - "System type biofilter for removing organic compounds from industrial waters" 8.04 2005 A.Ionescu, A. Stefanu, C. Nichita, A.Voicu, S.Dobrota, M.Stefanescu, M.Lazaroaie

**Bronze medal, Geneva 2003** at the International Exhibition of Inventions, New Techniques and Products, 9 to 13 April 2003 Geneva "Obtaining such ecological microbial biostimulators with agrobiological use "M.Pamfil, C. Nichita, E.Mocanu, A. Vamanu

#### Other

DEC. 2007

**Trainer- certificate**-Postgraduate Training Course Train Mic - Training in Metrology in Chemistry - Principles and Applications of Metrology in Chemistry, Institute for Reference Materials and Measurements, IRMM- Joint Research Centre-European Commission (JRC-EC), Splaiul Independentei 103, Bucharest, Learning Center Jacques Monod  
MAR 2014

**Trainer- certificate**-Certificate issued by the Ministry of National Education and the Ministry of Labour, Family and Social Protection, Romania  
FEB 2016

**Trainer- certificate**-Auditor for the Environmental Management System-Certificate issued by the Ministry of National Education and Scientific Research, the National Authority for Qualifications, the Ministry of Labour, Family, Social Protection and the Elderly