



Curriculum vitae



Personal information

First name(s) / Surname(s) **Carmen Emilia Puia**
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Nationality - Romanian
Date of birth - 1955, December 15
Gender - female

Domains of activity

Teaching degree/ Scientific title - full professor / PhD
- coordinator for PhD students

Department / Key Words - plant pathology / phytopathology

Domains of competence - phytopathology
- mycology
- bacteriology
- virology
- integrated pest management

Domains of interest - horticultural plant diseases
- tropical plant diseases
- biological control of plant diseases
- microflora of stored seeds and fruits
- toxigenic fungi
- in vitro evaluation of the effect of fungicide upon the fungi
- testing of unconventional fungicides against diseases
- bioremediation of polluted soils and waters

Teaching activity - horticultural plant diseases
- ornamental plant diseases
- tropical plant diseases
- virology (master degree)
- bacteriology (master degree)
- biological control of diseases (master degree)

Education and training



**UNIVERSITY OF AGRICULTURAL SCIENCES
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FACULTY OF AGRICULTURE**

Mănăştur Street, nr. 3-5, 400372, Cluj-Napoca, România
Tel.: 0264-596384; Fax: 0264-593792
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Education

- PhD in Agriculture, Plant Protection specialization – Diploma s. C, no. 0004384, from 13.11.2002 / no 34, USAMV Cluj Napoca
- Post graduate studies “Modern technologies of industrialization and conditioning of cereals and industrial crops” (1981-1982) – Diploma no 517 from 18.03.1982, USAMV Cluj Napoca
- Faculty of Agronomy, Agronomical Institute “Dr. P. Groza”, Cluj-Napoca (1974-1978) – Diploma no 353651 from 15.09.1978/ no 6146,

Specializations and qualifications

- Post graduate studies of perfecting at the laboratory “Seed Pathology” at the “National Institute of Researches for Cereals and Industrial Crops Fundulea” (1983 – 1985);
- Post graduate studies organized by ASAS Bucuresti and SCA Livada for the western research stations
- 2005 - University of Hannover, Plant Protection, Germany
- 2008 – Universidad Politecnica de Valencia, Departamento de Biotecnologia, Spain
- 2008 – Swedish University of Agricultural Sciences (SLU), Department of Forest Genetics and Plant Physiology, Umea, Suedia
- 2009 – Universidad Politecnica de Valencia, Escuela Politecnica Superior de Gandia, Spain

Work experience

**Dates / Occupation or position held/
Name of employer**

- since 2006: professor at the Dept. of Plant Protection – Phytopathology, University of Agricultural Sciences and Veterinary Medicine (USAMV), Cluj-Napoca, Romania
- 1990-2006 assistant, lecturer and reader at the Dept. of Plant Protection – Phytopathology, University of Agricultural Sciences and Veterinary Medicine (USAMV), Cluj-Napoca, Romania
- 1978-1990: researcher, Laboratory of “Conservation and Storage of Cereals and Industrial Crops” at the research station SCAZ Oradea, Bihor
- 2010 – visiting professor to Universidad Politecnica de Valencia – campus Gandia, Spain and holding seminar “Bioremediation of oil polluted soils”

Professional affiliations:

- Member of National Society of Plant Protection
- Member of Horticultural National Society
- Member of National Society of Hop Growers
- Member of National Society of Ecological Agriculture

Coordinated research contracts

- Director of National Program PNII – „Bioremediation of oil contaminated soils with the aim of bringing in socio-economical circuit. SOLPETRO”, 2007-2010;
- Director USAMV of National Program PNII – „Modern and unconventional method for microbial depollution of phenolic waters with the aim of biological diversification consolidation. DEFENOL”, 2007-2010;
- Director of a National Grant “VIASAN”, 2004 – 2006, financed by the Romanian Academy of Medicine and Health: “The Evaluation of Basic Food Toxicity from Romania, Determined by Toxigenic Mycotoxines Dangerous for Human Health”;
- European Programs - Program Flandra – Romania, „Monitoring of cabbage diseases and pests” – phytopathology coordinator
- Director of a contract with the Technical University Cluj –Napoca, 1989 – 1991, “The Effect of Cold Against the Phytopathogenic Agents (Cryogenie)”;



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- Coordinator of the laboratory "Conservation and Storage of Cereals and Industrial Crops" to SCAZ Bihor (Agro-Zootechnical Research Station Bihor, Oradea), 1982 – 1988, and director of the following grants: "Researches concerning the storage of corn in different storage spaces", "Researches concerning the storage of cereal seeds in different storage spaces", "Researches concerning the storage of sunflower seeds in different storage spaces", "Researches concerning the storage of soybean seeds in different storage spaces", "Researches concerning the chemical storage of humid corn", "Researches concerning the organoleptical, biological and biochemical modifications of the seeds during the storage", "The evolution of the fitosanitary estate of the seeds during the storage period", "Researches concerning the chemical treatments for the stored agricultural produces".
- Collaborator at grants financed by the Ministry of Research-National Council for Research (CNCSIS) and Romanian Academy of Sciences (GAR). Out of them, the significant ones since 1998 are: 1996 – 1998, 1999 - 2001 Contract CNCSIS: "Ecological Protection of the Mains Agricultural Ecosystems Against Diseases"; 2002 - 2004 Contract CNCSIS: "The Optimisation of the Ecological Protection of the Mains Ecosystems Against Diseases by Electronic Equipments"; 2002 – 2004 Contract CNCSIS : "Using of Ozone as Fitosanitary Agent in Apple Storage" Agral, subprogram S4 – INDAL, Project nr. 5277

Publications

- 18 university books, monographic papers and practical guidances
- 170 scientific papers
 - 61 papers indexed in International Bases (CAB International and Current Contents)
 - 25 paper indexed ISI, 11 with impact factor
- above 125 papers as researches reports
- 70 participation at international and national manifestations

**Significant published books
and articles**

- 1 **PUIA CARMEN EMILIA**, 2006, *Fitopatologie horticolă (Horticultural Phytopathology)*, Ed. Risoprint, Cluj-Napoca, ISBN 973-751-169-7, 978-973-751-169-0, 315 p.
- 2 **PUIA CARMEN EMILIA**, 2005, *FITOPATOLOGIE. Patografie. Etiologie. (Phytopathology. Pathography, Etiology)*, Ed. Risoprint, Cluj – Napoca, ISBN: 973-651-016-X, 197 p
- 3 BRAICU CORNELIA, **CARMEN PUIA**, E. BODOKI, CARMEN SOCACIU, 2008, Screening and Quantification of Aflatoxins and Ochratoxin A in Cereals Cultivated in Romania Using Thin-Layer Chromatography Densitometry, *Journal of Food Quality*, vol. 31, Issue 1, p. 120 - 128 (2008 Blackwell Publications) – **ISI (IF 0.48)**
- 4 Miclean, M., Levei, E., Gog, A., Ferenczi, L., Majdik, C., **Puia, C.**, & Roman, C. (2010). Determination of total petroleum hydrocarbons in contaminated soil by FTIR and GC-FID methods. *Studia Universitatis Babeş-Bolyai, Chemia*, 55(3), 83–91) – **ISI (IF 0.231)**
- 5 CLAUDIU ACIU, CECILIA ROMAN, DANA - ADRIANA ILUŢIU - VARVARA, **CARMEN PUIA**, OANA CADAR, 2016, Mortar de tencuială cu proprietăți antibacteriene și antifungice plastering mortar with antibacterial and antifungal properties, *Revista Română de Materiale / Romanian Journal of Materials* 2016, 46 (2), 160 -166 – **ISI (IF 0.612)**
- 6 CLAUDIU ACIU, DANIELA LUCIA MANEA, **CARMEN PUIA**, OANA CADAR, 2015, Mortars for the enhancement of the indoor environmental quality, *STUDIA UBB CHEMIA*, LX, 4, 2015 (p. 45-54), STUDIA UBB EDITORIAL OFFICE, pg 45-55 (ISI SciSearch®, Chemistry Citation Index®, Journal Citation Reports/Science Edition) - **ISI (IF 0.148)**
- 7 JÁNOS BÁLINT, ATTILA-KÁROLY SZABÓ, BARNA, TÓFALVI, **CARMEN PUIA**, ADALBERT BALOG, 2016, Comparing disease resistance of local and international plum cultivars (*Prunus domestica*) from Eastern Transylvania, Romania, *Journal of Plant Diseases and Protection*, Scientific Journal of the "Deutsche Phytomedizinische Gesellschaft" (DPG) - the German Society of Plant Protection and Plant Health, December 2016, Volume 123, Issue 6, pp 317–320, ISSN: 1861-3829 (Print) 1861-3837 - **ISI (IF 0.477)**
- 8 **CARMEN PUIA**, ROXANA VIDICAN, GYOGYI SZABO, VLAD STOIAN, 2017, Potential of biofertilisers to improve performance of local genotype tomatoes, *Italian Journal of Agronomy*, volume 12:838, pg. 192-200, doi:10.4081/ija.2017.838 - **ISI (IF 0.687)**
- 9 FLORIAN, VASILE, CARMEN PUIA, RADU GROZA, LOREDANA A. SUCIU, TEODORA FLORIAN (2018) Study of the Major Pathogens That Lead to Apple Fruit Decay During Storage. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 46(2): 538-545 - **ISI (IF 0.648)**



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- 10 FLORIAN VASILE, FLORIAN TEODORA, SUCIU LOREDANA, **PUIA CARMEN** (2018). The influence of different sowing distances of soybean upon bacterial blight, *AgroLife Scientific Journal*, ISSN 2285-5718, 7(1):69-76 - **ISI**
- 11 SUCIU LOREDANA, ŞOPTERAN LAURA, KADAR ROZALIA, MURESANU FELICIA, MICLEA RALUCA, FLORIAN VASILE, **PUIA CARMEN** (2018). The influence of the number of fungicide treatments upon the quality and quantity of winter wheat yield in climatic conditions of Turda, Romania, *Romanian Agricultural Research*, 35/2018, - **ISI (IF 0.458)**
- 12 ŞOPTERAN LAURA, LOREDANA SUCIU, AMA-MARIA VĂLEAN, ROXANA CĂLUGĂR, FELICIA MUREŞANU, **CARMEN PUIA**, 2018, Study on the isonuclear inbred lines reaction under natural conditions with *Fusarium* spp., *Romanian Agricultural Research*, nr. 35/2018, <http://www.incdafundulea.ro/rar/nr35/rar45.9.pdf> - **ISI (IF 0.458)**
- 13 Vasile Florian, Carmen Puia, Radu Groza, Teodora Florian, Loredana Suci, The Effectiveness Of Some Chemical Treatments On *Venturia Inaqualis* And *Monilinia Fructigena* On Various Apple Cultivars, *Nano, Bio, Green And Space-technologies For A Sustainable Future*, 2018, ISSUE 6.2, ISBN 978-619-7408-51-5- **ISI**
- 14 Vlad Stoian, Roxana Vidican, Ioana Crişan, Carmen Puia, Mignon Şandor, Valentina A. Stoian, Florin Păcurar & Ioana Vaida, 2019, Sensitive approach and future perspectives in microscopic patterns of mycorrhizal root, *Sci Rep* 9, 10233 (2019) doi:10.1038 /s41598-019-46743-2, WOS:000475467800076 – **ISI (IF 4,011)**

**Personal skills and
competences**

Foreign Languages: - English – experimented user
- French – elementary user

Computer abilities: - Word, Excel, Power Point, Photoshop

Social and organizational abilities: - excellent communication capacity, team spirit, adaptation to multicultural media
- organizational spirit, management experience being coordinator for different national research grants and projects

Cluj Napoca
03.06.2020

Signature