

INFORMAȚII PERSONALE

Nume / prenume


ȘARPE Catița

 Mărăcineni, Argeș, ROMÂNIA

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Female | 26.10.1967 | Romanian

ORCID: ID 0000-0001-7565-7136

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Work experience

• Period	November 2017- prezent
• Employer's name	Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania, Tel: 0040-248-178066; Fax: 0040-248-278477; office@icdp-pitesti.ro Website: http://www.icdp.ro
• Departement	Research
• Position held	Propagation of fruit plants-Virology
• Main activities and responsibilities	Scientific researcher Ird degree, Laboratory responsible
	➤ Coordination of research and development activity ➤ Responsabil Plan tematic Ia: - Topic III - Production of fruit propagation material. Subtopics: 3.2. Study of virus diseases in fruit trees and the use of testing procedures; 3.4. Production and maintenance of fruit mother plants according to the legislation. ➤ Project manager: •Projects within the framework of the implementation of the "ASAS Strategy on Research - Development - Innovation in Fruit Culture", the themes: -ASAS 3: Production of fruit propagation material for the period 2017-2021, according to MADR Orders no. 784/2016, 772/2016 and 884/2016; (2018-2022 period); -ASAS 3: Production of material for propagation and fruit planting, support for future mother plantations and orchards (2023-2027 period); •Projects within the Sectoral Plan: ADER •3.3.1/Research on maintaining the authenticity and health of propagating material for planting biological categories Pre-base, Base and Certificate through biotechnological and phytosanitary methods (2015-2018). ➤ Project responsible: • PNCDI III: - INNOVATION - Innovation checks 40 CI/2017/ Implementation of new technological links to limit losses in the production of walnut planting material. • Projects within the Sectoral Plan: ADER -ADER 7.5.4./2019- Research on the improvement of techniques for the production of fruit mother plants (2019-2022); -ADER 7.3.13/2019- Research on the assessment of the state of health of new plum and cherry plantations in order to develop integrated management practices in the prevention of viral diseases (2019-2022); -ADER 6.3.4/2023- Integrated system for obtaining and maintaining propagation material from the higher biological categories and production of planting material for the plum species in accordance with the new national legislation and European directives in the field (2023-2026). •PNDR - Submeasure 16.1a - Propagation technology with ecological sequences in black hawthorn (<i>Aronia melanocarpa</i>)" (2021-2023); ➤ Project COST:

	-FA 1407/Application of next generation sequencing for the study and diagnosis of plant viral diseases in agriculture (2014-2018) - Team coordinator for Romania - member of the Management Committee.
• Period	October 2008- november 2017
• Employer's name	Research Institute for Fruit Growing Pitesti
• Departement	Research
• Position held	Propagation of fruit plants-Virology
• Main activities and responsibilities	Scientific researcher IIrd degree
	➤ Coordination of research and development activity <i>Project manager:</i> •CNCSIS/929/ Differentiation of the serotypes of the PPV virus through different techniques and establishing the methods of releasing infected material in order to obtain planting material according to EU rules (2006-2009); •PNCDI II - PARTNERSHIPS/52-165/ The study of the pathogen-host-transmission agent relationship in order to apply preventive measures and limit the damage caused by viruses and similar organisms (2008-2011); • INNOVATION - Innovation checks 170 CI/2012/ Integrated system for prevention and control of losses caused by viral diseases in nurseries and young fruit plantations (2012); - Innovation checks 197 CI/2013/ Innovative model for increasing the quality of fruit tree planting material in private nurseries (2012).
• Period	October 2004- october 2008
• Employer's name	Research Institute for Fruit Growing Pitesti
• Departement	Research
• Position held	Virology-Tissue culture
• Main activities and responsibilities	Scientific researcher IIIrd degree
	➤ Research and development activity <i>Project manager:</i> •CNCSIS/929/ Differentiation of the serotypes of the PPV virus through different techniques and establishing the methods of releasing infected material in order to obtain planting material according to EU rules (2006-2009);
• Period	July1997- October 2004
• Employer's name	Research Station for Fruit Growing Valcea, Calea Traian 464, Tel /fax 0250740885
• Departement	Research
• Position held	Tissue culture and biotechnology
• Main activities and responsibilities	Scientific researcher - Scientific researcher IIIrd degree
	➤ Research and development activity ➤ Project manager: •PNCDI I -BIOTECH/390/ Establishment of regeneration and in vitro propagation techniques of some valuable fruit plants with propagation difficulties: edible walnut and chestnut (2002-2004); •Activity of <i>in vitro</i> cultures and fruit biotechnologies.
EDUCATION AND TRAINING	
• Perioad	1982-1986
• Name and type of educational organization	Industrial High School Electroputere Craiova
• The field	Industrial
• Qualification/diploma obtained	High school diploma
• Perioad	1992-1997
• Name and type of educational organization	Craiova University, Faculty of Horticulture
• The field	Horticulture

• Qualification/diploma obtained	Horticultural Engineer
• Period	1998-20022
• Name and type of educational organization	Academy of Agricultural and Forestry Sciences, Gheorghe Ionescu Sisești Bucharest"; University of Agricultural Sciences and Veterinary Medicine Bucharest
• The field	Horticulture
• Qualification/diploma obtained	Ph. D.
• Period	January 2018
• Name and type of educational organization	Centro Ricerca Sperimenfazione e Formazione "Basile - Caramia", Italia
• The field	Training School on <i>Plant virus diagnostic application of RNA high throughput sequencing to phytosanitary certification procedures.</i>

Personal skills and competences

Native language	Romanian				
Foreign language	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
Engleză	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1
Franceză	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1

• Computer skills and competences	Microsoft Office XP, Internet Explorer, Power Point, Adobe Reader 9
• Organizational skills and competences	Experience in management of 15 research projects; Experience in fruit virology, tissue cultures, production and maintenance of fruit mother plants from higher biological categories; Responsible for the organization of the mother plantations of fruit species according to the rules in force. Work capacity, task orientation, perseverance in achieving results and adaptation to change.
• Other competences – member of national and international organizations	- Member - Romanian Society of Horticulturists. - Member - National Society of Fruit Growers from Romania
• Driving license	Categoria B
• Other information Research projects	RESEARCH ACTIVITY: 60 projects (1999– 2023): 6 as project director, 9 project responsible; 44 team members; 3 international
Publication activity	Publication activity is highlighted by the Hirsch index on the Web of platforms Science, Scopus Google Scholar și Research Gate -Web of Science Researcher ID: B-9021-2011 https://www.webofscience.com/wos/author/record/B-9021-2011; h index: 4 (Last updates : 22.03.2024); -Scopus - h index: 5 (Last updates : 22.03.2024); https://www.scopus.com/ -Google Scholar - h index: 10 (Last updates : 22.03.2024); https://scholar.google.com/citations?user=fPMDTzYAAAAJ&hl=en; - Research Gate- h index: 6 https://www.researchgate.net/profile/Plopa-Catita • 70 scientific works and articles; 18 books, of which: 1 single author, 3 first author, 3 coordinator and 11 co-authored books: 1. Șarpe Catita, 2006, Research on <i>in vitro</i> propagation of walnut and edible chestnut (doctoral thesis). Ed. Invel Multimedia, ISBN 973-7753-20-8; 2. Plopa Catita, Isac Maria, Butac Madalina Maria, Isac Valentina, 2008, Identification of the serotypes of the PPV virus through different techniques and establishing the methods for releasing the infected material. Ed. Invel Multimedia, ISBN 978-973-7753-91-5; 3. Plopa Catita, Trandafirescu Marioara, Cosmulescu Sina Niculina, Clapa Doina, 2011,

	Atlas of fruit virology, ISBN 978-973-1886-59-6 ; 4. <i>Coordonator: Plopa Catița</i>, Authors: Trandafirescu Marioara, Clapa Doina, Sumedrea Mihaela, 2011, Detection, epidemiology and prevention of viral diseases in fruit trees, Ed. Pitești University, ISBN 978-606-560-236-6; 5. <i>Coordonator: Catița PLOPA</i>; <i>Authors: Catița PLOPA</i>, Valentina ISAC, Mihaela SUMEDREA, Florin Cristian MARIN, Luminița ZAGRAI, Cristina MOALE , 2018, Guidelines on pathogens of economic importance for fruit planting material, INVEL Multimedia, ISBN 978-606-764-043-4; 6. <i>Coordonator: Coman M.</i>, Authors: Plopa C., Zagrai L., Gavăț C., 2022, Good practice guide on the production of fruit mother plants according to certification schemes (90 pagini), Ed. INVELMULTIMEDIA, ISBN 978-606-764-072-4. 7. <i>Coordonator: Catița Plopa-</i> Autori: Catița PLOPA, Valentina ISAC, Gheorghe COMAN, 2023, Operating manual - Propagation technology with ecological sequences for black hawthorn (<i>Aronia melanocarpa</i>), INVEL Multimedia, ISBN 978-606-764-070-0
Patents and inventions:	1. Plum cultivar <i>ROMANTA</i> / no. 00294/28.09.2012, Butac Madalina, Militaru Madalina, Budan Sergiu, Sumedrea Dorin, Chitu Emil, Mazilu Craisor, Plopa Catita, Ancu Sergiu, Isac Valentina, BOPS 3/2012; 2. Cherry rootstock <i>IPC 7</i> / no. 00293/28.09.2012, Madalin Gheorghe, Ancu Sergiu, Isac Valentina, Plopa Catita, Tanasescu Nicolae, Chitu Emil, Sumedrea Dorin, Madalin Paulina, Nicolae Silvia, BOPS 3/2012; 3. Ornamental peach <i>RUBION 47</i> / nr. 4700327/29.03.2013, Dutu Ion, Rovina Alina Elena, Ancu Sergiu, Mazilu Craisor, Coman Mihail, Plopa Catita, Dragomir Iosif, Nita Mihai, BOPS 1/2013; 4. RO127796-Ao; RO127796-B1 - Technology "Procedure for obtaining a healthy material free of the <i>PNRSV</i> virus through <i>in vitro</i> cultures in the Schattenmorelle cherry variety"/ BOPI 1/2014.

Data,

March 2024

Signature,

Ph.D. Catița ȘARPE