

CURRICULUM VITAE



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	SESTRĂȘ Florina Adriana
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Nationality	Romanian
Date of birth	14 July 1969
Gender	Female

Employment / Occupational field

**University of Agricultural Sciences and Veterinary Medicine
from Cluj-Napoca**

Work experience

Name and address of employer Dates	University of Agricultural Sciences and Veterinary Medicine from Cluj-Napoca (UASVM) 2012-2021
Occupation or position held	Professor (currently), Associate Professor and Lecturer – University of Agricultural Sciences and Veterinary Medicine from Cluj-Napoca (UASVM) Faculty of Horticulture Department of Forestry
Main activities and responsibilities	Courses and laboratories – bachelor's and master's education; research
Name and address of employer Date	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (UASVM Cluj- Napoca) 2010-2011
Occupation or position held	Associate - UASVM Cluj-Napoca, Faculty of Horticulture
Main activities and responsibilities	Teaching courses and practical works – bachelor's education; research
Type of business or sector	Higher Education, Research
Name and address of employer Date	Fruit Research Station Cluj (FRS Cluj) 1990-2012
Occupation or position held	FRS Cluj: florist, unit manager, 1990-2006; ACS - Research Assistant, 2006-2008; CS - Scientific Researcher, 2008-2010; CS III - Scientific Researcher degree III, 2010-2012
Main activities and responsibilities	Coordination of scientific research activity and responsible of the laboratory Fruit breeding (apple and pear species) Study of the germplasm fund and creation of biodiversity Creation of new varieties
Name and address of employer	Fruit Research Station Cluj (FRS Cluj)

Type of business or sector Research - genetics and fruit breeding, fruit trees biodiversity (2006-2012)
Scientific Secretary of Fruit Research Station Cluj (2010-2012)

Education and training

Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Dates 2007-2010

Title of qualification awarded PhD in 'Horticulture', 2010, UASVM Cluj-Napoca

Principal subjects/occupational skills covered Genetics and Plant Breeding
(Scientific coordinator: Academician Prof. dr. h.c. mult. Doru Pamfil)

Dates 2011-2012 (master)

Title of qualification awarded Master's degree, Series A No. 0201631 / 21.03.2013

Principal subjects/occupational skills covered Horticulture domain; MSc program 'Biodiversity and bioconservation'

Date 2001-2006 (license)

Title of qualification awarded Diploma of Engineer, specialization 'Horticulture'

Principal subjects/occupational skills covered Horticulture engineering

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user
A2	Basic user	B1	Basic user	A2	Basic user	A2	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Social skills and competences Confirmed by election in leadership positions (scientific secretary, responsible of the MSc program 'Biodiversity and sustainable management of forest resources')

Organisational skills and competences Confirmed by election in leadership positions (scientific secretary, responsible of the MSc program 'Biodiversity and sustainable management of forest resources')

Technical skills and competences Confirmed by election in leadership positions (scientific secretary, responsible of the MSc program 'Biodiversity and sustainable management of forest resources'), member of editorial board and reviewer for different journals, member is scientific committees of international symposiums, secretary of Horticulture and Forestry Society from Transylvania - [SHST](#) etc.

Computer skills and competences Microsoft Office - Word, Excel, PowerPoint etc., statistical analysis and use of statistical analysis software, e.g. STATISTICA (13.3).

Other skills and competences Editorial activities, editor and reviewer for scientific journals in the field, from the country and abroad.

Driving licence Driving license, category "B".

Additional information Scientific works and papers published:

Over 130 scientific papers published in the country or abroad, in specialized journals, volumes, yearbooks, etc., indexed in recognized international databases; 7 books (textbooks, scientific books). The papers were published in journals with ISSN or ISBN, indexed in various academic databases, e.g. ISI Clarivate (44 papers in Web of Science), Scopus, ProQuest, EBSCO, CAB Direct, DOAJ, Viniti, INIST, Index Copernicus, BASE, BLD, Scilit.

Research grants and coordinator of the research projects

Project manager in five research grants, accessed by competitions, as follows:

1. Counteracting the risk of genetic erosion due to the narrowing of hereditary background in apple and pear cultivars and avoiding their vulnerability to the action of stress factors by increasing genetic diversity. Grant PNCDI2, 2007-2010, Program 4, Partnerships, Nr. 1177.
<http://www.cnmp.ro/pncdi2/program4/competitie>
2. Creation of hybrid populations in order to prevent genetic erosion and broadening the selection base for obtaining new pear varieties, suitable for sustainable agriculture systems. Grant PNCDI2, 2007-2010, Program 4, Partnerships, Nr. 1216.
<http://www.cnmp.ro/pncdi2/program4/competitie>
3. Collection, maintenance and use of indigenous genetic biodiversity for the development of integrated strategies useful for fruit species improvement programs. Sectorial plan: ADER 2020, 2011-2014, <http://www.slideshare.net/ader2020/ader-118-11961241>
4. Research on the structure of hybrid populations of hereditary characteristics and genetic determinism in fruit species ADER: 3.2.1., 2015-2018, <http://www.madr.ro/cercetare-inovare/ader-2015-2018/ader-3.html>
5. Management of fruit genetic resources in situ and ex situ ADER: 3.1.2., 2015-2018, <http://www.madr.ro/cercetare-inovare/ader-2015-2018/ader-3.html>

Participation as a member in different research grants

PNCDI II Grants - Human Resources, Subprogram 1.1, Research Results Award – 13, for Q1 and Q2 journals

Research center / laboratory coordinator:

- Research Center for Plant Biodiversity (CCSBP) [Research Laboratory],
<https://erris.gov.ro/index.php>

PhD coordinator in the field of Horticulture, based on *Habilitation in 'Horticulture'*

Minister's Order no. 5682 / 30.12.2019 regarding the granting of the habilitation certificate in the field of doctoral studies 'Horticulture'

Patents: nine - six pear varieties and three apple varieties, created at SCDP Cluj-Napoca and approved by ISTIS, as follows: [Arvena](#) (pear variety, approved by ISTIS, 2007); [Meda](#) and [Latina](#) (pear varieties, approved by ISTIS, 2009); [Stefano](#), [Silvan](#), [Someșan](#) (apple varieties, approved by ISTIS, 2010); [Transylvania](#), [Primadona](#), [Adria](#) (pear varieties, approved by ISTIS, 2010).

Member of scientific / professional associations / societies:

International:

Eucarpia – [European Association for Research on Plant Breeding](#), member, 2006

ISHS – [International Society for Horticultural Science](#), member, 2006

National:

Romanian Friends of Roses Association/[Asociația Amicii Rozelor din România](#), member, 1994

Romanian Horticulture Society (SRH), member, 2006

[Horticulture and Forestry Society from Transylvania – SHST](#) / [Societatea de Horticultură și Silvicultură din Transilvania](#), Founder member, Secretary, 2009

Awards, diplomas, distinctions:

- Over 30 medals and diplomas obtained in the National Competition of fruit with new creations, varieties and selections of apple and pear, obtained at FRS Cluj.
- Diploma of Excellence and Gold Medal for the new Arvena pear variety, Salonul Internațional de Inventică Pro Invent, Ediția a VI-a, 3 April 2008.
- Diploma of Excellence and ProInvent Medal - Meda variety (pear). Silver Medal - Latina (pear), Salonul Internațional de Inventică Pro Invent, Ediția a VII-a, 26 March 2009.
- Diploma of Excellence awarded by the Romanian Society of Inventors, for Meda and Latina pear varieties, Pro Invent, Ediția a VII-a, 26 March 2009.
- Gold Diploma and Gold Medal for new varieties of apple, Salonul Internațional de Inventică Pro Invent, Ediția a VIII-a, 16-19 March 2010.
- Gold Diploma and Gold Medal for new pear varieties, Salonul Internațional de Inventică Pro Invent, Ediția a VIII-a, 16-19 March 2010.
- Diploma of Excellence and Gold Medal for Adria, Primadona and Transylvania pear varieties, Salonul Internațional de Inventică Pro Invent, Ediția a IX-a, 22-25 March 2011.
- Diploma of Excellence and Gold Medal for new inventions, Salonul Internațional de Inventică Pro Invent, Ediția a X-a, 27-30 March 2012.
- Diploma of Excellence and Gold Medal for new apple cultivar Someșan, Salonul Internațional de Inventică Pro Invent, Ediția a XI-a, 19-22 March 2013.

Editorial activity and reviewer

Member of editorial teams (*editor, associate editor, member*):

[Annales Universitatis Paedagogicae Cracoviensis Studia Naturae](#)

[Applied Ecology and Environmental Sciences](#)

[Current Botany](#)

[Journal of Plant Studies](#)

[Notulae Botanicae Horti Agrobotanici Cluj-Napoca](#)

[Notulae Scientia Biologicae](#)

Collection Editor: [Plants](#); Guest Editor: [Plants](#); [Sustainability](#); [Horticulturae](#)

Reviewer (<https://publons.com/researcher/1430792/adriana-f-sestras/peer-review/>)

ISI journals: Acta Agriculturae Scandinavica, Section B - Plant Soil Science; Agriculture; Agronomy; Applied Sciences; Biologia; Biology; Canadian Journal of Plant Science; Diversity; Ecologies; Energies; Environmental Science and Pollution Research; Forest Ecology and Management; Folia Horticulturae; Forests; Forest Ecology and Management; Genetika; HortScience; Industrial Crops and Products; Journal of Agricultural Science and Technology; Life; Physiology and Molecular Biology of Plants; Plants; Sustainability; Russian Journal of Genetics; Zemdirbyste-Agriculture etc.

BDI journals:

Annales Universitatis Paedagogicae Cracoviensis Studia Naturae; Notulae Scientia Biologicae; Journal of Plant Studies; CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources; Net Journal of Agricultural Science; Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Horticulture; Biocatalysis and Agricultural Biotechnology etc.

Scientific IDs (link-uri):

ResearcherID [[h_{index}\(ISIWoS\)](#)]: [C-1647-2012](#)

ORCID: [Orcid ID: 0000-0001-5768-4296](#)

Scopus: Author ID [26656908500](#)

Google Scholar/Academic: [Adriana F. SESTRAS](#)

ResearchGate: https://www.researchgate.net/profile/Adriana_Sestras

Publons: <https://publons.com/researcher/1430792/adriana-f-sestras/>

Annexes

Academic and professional achievements are available at <https://www.adriana.sestras.ro/>