

CURRICULUM VITAE



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **SESTRAS Radu Emil**

Address(es) University of Agricultural Sciences and Veterinary Medicine, 3-5 Manastur, 400372 Cluj-Napoca, Romania

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Nationality Romanian

Date of birth

Gender Male

Desired employment / Occupational field

Areas of competence and interest **University of Agricultural Sciences and Veterinary Medicine from Cluj-Napoca**
Genetics and plant breeding; biodiversity; horticulture; resources conservation; sustainability

Work experience

Dates 1994-present

Occupation or position held Professor, PhD (with completing all teaching degrees, from assistant to professor); PhD students coordinator; Vice Dean (2004-2008) and Dean - Faculty of Horticulture (2008-2016); Director of Department (2016-2020)

Main activities and responsibilities Teaching - teaching license and masters, PhD (conferred by the Order of the Ministry of Education and Research, 2007, in Horticulture), administration (as dean, vice dean, director of dept.)

Name and address of employer University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (UASVM Cluj-Napoca)

Type of business or sector Higher Education, Research

Dates 1990-1994

Occupation or position held Research Assistant (1990-1992) and Scientific Researcher (1992-1994), Fruit Research Station Cluj (FRS Cluj)

Main activities and responsibilities Research, responsible laboratory, coordinator of research topics

Name and address of employer Fruit Research Station Cluj (FRS Cluj)

Type of business or sector Research, Horticultural Plant Breeding (breeding of fruit trees)

Dates 1985-1989

Occupation or position held Engineer, Chief of Department (head of the farm)

Main activities and responsibilities Coordination, leadership activities as head of the farm (IJIEP Zalau)

Name and address of employer Enterprise of Grassland Exploitation and Improving (IJIEP Zalau)

Type of business or sector Seed production, managing activities of grassland improvement

Education and training

Dates	1990-1997
Title of qualification awarded	PhD in Agronomy, 1997, UASVM Cluj-Napoca
Principal subjects/occupational skills covered	Genetics and Plant Breeding
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
Dates	1981-1985
Title of qualification awarded	Engineer Diploma in the Agriculture, 1985
Principal subjects/occupational skills covered	Engineering in Agriculture / Agronomy
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

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 Were confirmed by election in leadership positions (dean, vice dean, university editor)

Organisational skills and competences Were confirmed by election in leadership positions (dean, vice dean, university editor)

Technical skills and competences Were confirmed by the leading position held (dean, vice dean, director of department, general editor of Publishing Editorial AcademicPres Cluj-Napoca, editor-in-chief, editor and reviewer in various scientific journals in the field of activity)

Computer skills and competences Word, Excel etc. Statistical analysis (ANOVA, etc.)

Artistic skills and competences No

Other skills and competences Coordination Publishing. Editor and Referee for scientific journals in the field

Driving licence Driving license, category "B".

Additional information

Patents: 21.

Principal author or co-author of 12 new varieties of pear and 9 of apple, created at FRS Cluj-Napoca and approved by ISTIS, as follows:

“[Haydeea](#)” (pear cultivar, homologated in 1993);
“[Ina Estival](#)” (pear cultivar, homologated in 1999);
“[Virgiliu Hiberna](#)” (pear cultivar, homologated in 2000);
“[Milenium](#)” (pear cultivar, homologated in 2003);
“[Jubileu 50](#)” (pear cultivar, homologated in 2003);
“[Roşioară de Cluj](#)” (pear cultivar, homologated in 2005);
“[Auriu de Cluj](#)”, “[Estival](#)”, “[Precoce de Ardeal](#)”, “[Productiv de Cluj](#)” (apple cultivars, homologated in 2005, ISTIS certificate 1735/12.04.05).
“[Sauron](#)” and “[Saruman](#)” (apple cultivars, ISTIS certificate 8418/29.11.2007 and 8419/29.11.2007);
“[Arvena](#)” (pear cultivar, ISTIS certificate 8420/29.11.07);
“[Meda](#)” and “[Latina](#)” (pear cultivars, homologated ISTIS 2009).
“[Stefano](#)”, “[Silvan](#)”, “[Someşan](#)” (apple cultivars, homologated ISTIS 2010).
“[Transilvania](#)”, “[Primadona](#)”, “[Adria](#)” (pear cultivars, homologated ISTIS 2010).

Scientific works and papers published:

Over 250 scientific papers, mostly in plant breeding; 15 printed and 3 electronic books (books, courses, guidance, treatment); 60 scientific papers prepared as research reports and handed over to beneficiaries (ICPP Pitesti-Mărăcineni, MCT, MI, MEN, BCUM, CNCSU, CNCSIS, CNMP). The papers were published in various journals and volumes of national and international level, proceedings or journals recognized by the CNCS (with ISSN and ISBN). Scientific papers are indexed by international academic databases ISI Clarivate ([Researcher ID](#)), [Scopus](#) ([Scopus Author ID: 6504161494](#)), [CAB Direct](#), [DOAJ](#), [Viniti](#), [INIST](#), [Index Copernicus](#), [BASE](#), [BLD](#), [EBSCO](#), [Google Academic](#). E.g., over 100 articles indexed in Web of Science (ISI Clarivate).

Research grants and coordinator centres / research laboratories:

Director, coordinator or member of over 40 research grants, obtained in national and international competitions

Coordinator of research centres / laboratories:

- Transylvanian Horticultural Research [Centre]:

<http://www.researchforindustry.ro/site/viewLab/808>

- Horticultural and Forestry Plant Breeding and Genetics – GAPHS [Research Laboratory]:

<http://www.researchforindustry.ro/site/viewLab/811>

- Research Center for Plant Breeding (RCPB) - [ERRIS](#)

PhD coordinator in the field of horticulture, specialty “Genetics and Plant Breeding” (18 PhD coordinated, of which 12 were completed theses and obtained the title of “Doctor in Horticulture” <http://sestras.ro/phd-theses>).

Contributions to the development of new programs for undergraduate and graduate studies, research and the development of relationships with institutes and research stations or universities in the country and abroad.

Membership of Professional Associations:

The Academy of Agricultural and Forestry Sciences / [Academia de Ştiinţe Agricole şi Silvice “Gheorghe Ionescu-Şişeşti](#)”, associate member, 2010;

Romanian Friends of Roses Association / [Asociaţia Amicii Rozelor din România](#), 1990 (founder member);

Romanian Horticulture Society, 1995 (member);

Romanian Association of Tissue Culture, 1992 (member);

Romanian Plant Protection Association - Transylvania, 1994 (member);

[Horticulture and Forestry Society from Transylvania – SHST](#) / [Societatea de Horticultură şi Silvicultură din Transilvania](#), Honorary President, 2009;

Eucarpia – „[European Association for Research on Plant Breeding](#)”, 2003 (member);

ISHS (“[International Society for Horticultural Science](#)”), 2005 (member).

La Società di Medicina e Scienze Naturali dell’ Università di Parma, Italy, 2005 (Honorary Member - elected)

Awards, diplomas, distinctions:

- [Diploma de Onoare](#) (Honorary Diploma) Nr. 404/21.04.2000, awarded by Romanian Horticulture Society.
- Over 30 medals and diplomas obtained in the National Competition of fruit with new creations, varieties and selections of apple and pear, made at FRS Cluj.
- Merit Diploma, granted by Cluj County Council for support and promote of written culture in Cluj as AcademicPres Publisher, the Spring Salon "Publishing and publications Cluj", 2001.
- [Diploma "Socio Onorario"](#) - Honorific Member - elected, La Società di Medicina e Scienze Naturali dell'Università di Parma, Italia, 23 iunie 2005 / Diploma "Social Onorario" (Honorary Member - elected), The Natural Società di Medicina e Scienze dell'Università di Parma, Italy, June 23, 2005.
- [Medal "G. Rudi"](#), awarded by the Senate State Agrarian University of Moldova for honours in science teaching activity in fruit growing, Chisinau, 28 Feb. 2007.
- [Doctor Honoris Causa](#) of Transilvania University, Braşov, 24 aprilie 2015

Expertise, Assessor:

Expert evaluator in the National Council of Scientific Research in Higher Education (RNE), expert CEEEX, ARACIS. C9 - [ARACIS](#) P2C6 - [CNATDCU](#) member.

Member (associate) of [ASAS](#) – Romanian Academy of Agricultural and Forestry Sciences.

Publisher, editor and reviewer:

- Editorial Advisor (General Editor, Chief Editor) and member of the reviewers committee at *AcademicPres Publishing House*, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (2000-2012).

Reviewer (e.g. ISI journals): 'Agronomy for Sustainable Development', 'Annals of Applied Biology', 'Biologia', 'Dendrobiology', 'Emirates Journal of Food and Agriculture', 'Frontiers in Plant Science', 'Genetika', 'Heredity', 'HortScience', 'Industrial Crops and Products', 'Iranian Journal of Chemistry and Chemical Engineering', 'Journal of Agricultural Science', 'Journal of Computational Science', 'Journal of Food Composition and Analysis', 'Physiology and Molecular Biology of Plants', 'Planta', 'Scientia Horticulturae' etc. (<https://publons.com/author/1353011/radu-e-sestras#profile>)

Editor member

- [Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca](#) (*Bulletin UASVM*). *Series Agriculture, Horticulture, Animal Science and Biotechnologies, Veterinary Medicine* (Editor, 2000-2012); editor for 772 proceedings papers indexed in ISI WoS database.

- [Agricoltura, agricultural practice and science journal](#) (Editorial board member – <http://journals.usamvcj.ro/agricultura>).

- *Leonardo Journal of Sciences* (Referee, <http://ljs.academicdirect.org/>).

- *Leonardo Electronic Journal of Practices and Technologies* (Referee, <http://lejpt.academicdirect.org/>).

- [South-Western Journal of Horticulture, Biology and Environment](#) (board member).

- [Știința agricolă](#) (Board member, <http://www.uasm.md/stiintaagricola>).

- [Horticulturae](#) (Editorial board member).

- [Notulae Scientia Biologicae](#) (Founder, Editor-in-Chief, <http://notulaebiologicae.ro/>).

- [Iranian Journal of Chemistry and Chemical Engineering](#) (Board reviewers, <http://www.ijcce.ac.ir/>)

- [Frontiers in Plant Science](#) (Q1 ISI WoS, Review Editor).

- *Turkish Journal of Agriculture and Forestry* (member editorial board, <http://journals.tubitak.gov.tr/agriculture>)

- *Emirates Journal of Food and Agriculture* (Associate Editor – Horticulture; <http://ejfa.me/index.php/journal/editorial-board>)

- [Notulae Botanicae Horti Agrobotanici Cluj-Napoca](#) (ISI Plant Sciences, Editor-in-Chief, <http://notulaebotanicae.ro/>).

Scientific IDs (link-uri):

ResearcherID (ISl_{WoS}): [C-1563-2012](#)

ORCID: <http://orcid.org/0000-0003-3073-1616>

Scopus Author ID: [6504161494](#)

Google Scholar/Academic: [Radu E. SESTRAS](#)

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

Annexes

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