

PERSONAL INFORMATION

**Lavinia - Mihaela UDREA (ILIESCU)**

📍 Mărăcineni, Argeș (România)

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PROFESSIONAL EXPERIENCE

8/01/2025 – Present

Junior Scientific Researcher (R1)

Research and Development Institute for Fruit Growing, Pitești – Mărăcineni (Str. Mărului, No. 402, Com. Mărăcineni, Argeș, Romania)

Sector: Fruit Growing Technologies – Plant Protection

14/02/2019 – 8/01/2025

Scientific Research Assistant

Research Center for Studies of Food Quality and Agricultural Products, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Bd. Mărăști, No. 59, Bucharest, Romania)

Sector: Integrated Fruit Growing

25/07/2017 – 19/04/2018

Expert horticultural engineer

PFA Butcaru Ana Cornelia, Dâmbovița (Str. Sf. Dumitru, No. 487, Com. Conțești, Dâmbovița, Romania)

Sector: Horticulture

04/01/2016 – 01/06/2017

Horticultural Engineer Consultant

S.C. Business Development Group SRL, Bucharest (Str. Plantelor, No. 80, Sector 2, Bucharest, Romania)

Sector: Horticulture, Fruit Growing, Floral design

02/10/2015 – 31/12/2015

Landscape Architect and Land Planning

TERRANITA DELA SPIGA SRL, Bucharest (Str. Chiparosului, No. 40, Sector 3, Bucharest, Romania)

Sector: Floral design

EDUCATION AND TRAINING

12/10/2017 – 27/09/2024

PhD in Horticulture, with "Summa cum laude" distinction

EQF Level 8

Doctoral School of Plant and Animal Resource Engineering and Management, Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Romania)

▪ *Title of the research thesis:* „Study of the behavior of some hybrid kiwi genotypes (Actinidia sp.) under Bucharest conditions”. Scientific coordinating Prof. PhD Florin Stănică

22/02/2022– 08/03/2022

Certificate of completion of the Authorized Expert Course on Accessing European Structural and Cohesion Funds

22/02/2022– 08/03/2022

Certificate of Completion of the Key Skills Vocational Training Program, Entrepreneurship Skills Specialization

- 26/07/2021– 04/08/2021 Certificate of Graduation from the Professional Training Program, Project Manager specialization**
- octombrie/2017 – iunie/2018 Certificate of completion of psycho-pedagogical training courses, in order to certify skills for the teaching profession – Level II**
 Department for Teaching Staff Training, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Romania)
- 1/10/2015 – 07/07/2017 Master's Degree in Horticulture** EQF Level 7
 Integrated technologies for obtaining unpolluted horticultural products, Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Romania)
- *Title of the research thesis:* „Agronomic characterization of the fruits of some plum varieties cultivated in the Bucharest area in an integrated plantation”. Scientific coordinating Prof. PhD Florin Stănică
- 01/12/2017– 29/12/2017 Certificate of Graduation from the Professional Training Program, Trainer specialization**
- octombrie/2012 – iunie/2015 Certificate of completion of psycho-pedagogical training courses, in order to certify skills for the teaching profession – Level I**
 Department for Teaching Staff Training, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Romania)
- 03/10/2011– 09/07/2015 Engineer's Diploma, in the field of Horticulture** EQF Level 6
 Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest (Romania)
- *Title of the research thesis:* „Research on the behavior of new plum variety/rootstock combinations in the Bucharest area”. Scientific coordinating Prof. PhD Florin Stănică
- 17/09/2007 – 15/07/2011 Bacalaureate diploma** EQF Level 5
 "Ion C. Brătianu" National College, Pitești (Romania)
- *Profile:* Mathematics – Computer Science

PERSONAL SKILLS

Native language: Romanian

Other Languages:

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Oral speech	
English	B2	B2	B2	B2	B1
French	B2	B2	B1	B1	A2
Italian	A2	A2	A1	A1	A1

Skills: analytical thinking, research & innovation teamwork, adaptability, communication, multitasking, attention to detail

Communication/ technical skills: good communication skills acquired in volunteer activities, at previous jobs, participating in psychopedagogical training courses at level I and II (postgraduate) and trainer courses, as well as in numerous national and international scientific conferences and project meetings.

Organizational/ managerial skills: event organization, team leadership, project committee membership, coordination of scientific activities

Digital Competence:

- ECDL Full Certification;
- ORACLE Academy Certification – Database Design and Programming with SQL;
- Cisco Academy – IT Essentials Certification: PC Hardware and Software;
- IC3 - Digital Literacy Certification (Computing Fundamentals - Computer Hardware, Computer Software, Operating Systems, Troubleshooting, Basic Maintenance, File Management; Basic computer hardware, software and Internet knowledge and skills; Living Online - Networks, Security, Search Engines, Email, The internet, Impact of Computing on Society, Collaboration, Media Literacy; Key Applications - Common Program Functions, Word Processing, Spreadsheet, Presentation, Data Basics)

Other skills: Punctuality, desire to improve and learn new things, attention to detail

Driving license: B

ADDITIONAL INFORMATION

Courses & Training: **2022/05/25** – „Standardization and quality assurance of the results in organic products analysis”, (USAMV Timișoara).

2022/04/28 - 2022/05/20 – „2022 Young Researcher’s Boot camp - How to write a proposal for EU projects” (ICT AGRI FOOD).

2021/08/18 - 2021/08/31 – „Seminar on Intelligent Agriculture and Sustainable Development for Central and Eastern European Countries” (Ministry of Agriculture and Rural Affairs P.R.China).

2019/10/25 – 2019/11/20 – Sensory Analysis Course (SC Expergo Business Network SRL, București).

2019/09/10 – 2019/09/30 – „Seminar on Jujube Industrial Technology of Romania in 2019”, Yangling, China.

2019/07/16 – 2019/07/19 – „Les contaminants et les nutriments des produits agroalimentaires et leur effet sain (Contaminanții și nutrienții din produsele agroalimentare și efectul lor asupra sănătății), 16-19 iulie 2019” (USAMV, București).

2018/10/15 – 2018/10/27 –The 2nd „Belt and Road Initiative” Advanced Training Program Sustainable Agriculture and Food Safety in China, Shanghai Jiao Tong University, China.

Awards and Honors: 64 awards, diplomas, and medals from national & international conferences and innovation fairs and salons (18 as first author)

Patents and Registered Varieties: 8 patents
10 varieties registered at ISTIS
1 technology

Publications:

- a) Books/Book Chapters: 2 (5 chapters as co-author)
- b) ISI journals with impact factor: 14 (5 as first author, 8 as co-author) and ISI journals without impact factor: 12 (6 as first author, 7 as co-author)
- c) BDI journals: 5 (3 as first author, 1 as co-author)

- d) Presentations at conferences: over 200 (45 as first author)
- e) Interviews: – over 45 (in profile shows or on various national stations)

H-Index (20.10.2025)

- a) Web of Science – 4
- b) Scopus – 3
- c) Google Scholar – 5

Research Projects:

Research contracts – 22 (as team member):
international contracts – 6 (as team member);
national contracts – 16 (as team member);

Professional Memberships:

- a) **International:** ISHS (2000–present), AMAPSEEC (2019–2020)
- b) **National:** Romanian Horticultural Society (2018–present)

Research Interests:

- Fruit species physiology, biochemistry, and pomology (kiwi, plum, jujube, fig, pawpaw, strawberry)
- Integrated and organic fruit-growing technologies
- Fruit quality and storage
- Innovative fruit and vegetable processing
- Sensory analysis and consumer perception
- Molecular genotyping
- Soil and water quality
- Circular agriculture, sustainability, biodiversity, carbon content in orchards

Other Activities:

- Reviewer for international journals (Scientific Papers-Series B-Horticulture, Scientific Bulletin, Horticultural Science Journal - Czech Academy of Agricultural Sciences, Frontiers);
- Supervision of 9 undergraduate thesis projects.

20.10.2025

Dr. Ing. Lavinia Mihaela UDREA (ILIESCU)