



Oana Venat

Date of birth: 6 Jan 1973 | **Nationality:** Romanian | **Gender:** Female |

Address: 59th, Marasti Blvd., 011464, Bucharest, Romania (Work)

WORK EXPERIENCE

14 OCT 2017 – CURRENT Bucuresti, Romania

RESEARCH ENGINEER RESEARCH CENTER FOR STUDIES OF FOOD QUALITY AND AGRICULTURAL PRODUCTS
- PLANT MICRO PROPAGATION LAB

1. Experimental Design and Protocol Development
2. Sterilization and Aseptic Technique
3. Culture Initiation and Establishment
4. Pathogen Screening and Disease Management
5. Documentation and Data Analysis
6. Plant manipulation
7. The research and development activities planned in the internal plan or research projects

Address 59, Marasti Blvd., 011464, Bucuresti, Romania | **Website** <http://www.usamv.ro/en/>

EDUCATION AND TRAINING

30 SEP 2017 – CURRENT Bucuresti, Romania

PHD STUDENT USAMV Bucharest

- micropropagation of potato
- micropropagation of sweet potato
- hormonal balance
- nutritional impact
- hunger eradication impact

Field of study micropropagation, horticulture | **Final grade** on going |

Thesis Research on the responses of purple potato and sweet potato to in vitro cultivation

30 SEP 2015 – 15 JUN 2017 Bucuresti, Romania

MASTER OF SCIENCE - MANAGEMENT OF BIODIVERSITY CONSERVATION USAMV Bucharest

1. plant pathogens
2. Colloids
3. in vitro studies

Address 59, Marasti Blvd., Bucharest, 011464, Bucuresti, Romania | **Website** <http://www.usamv.ro/en/> |

Field of study biodiversity, horticulture |

Thesis The Antifungal and Antibacterial Potential of Silver Colloids - An Alternative in Plant Pathogen Control (In Vitro Studies)

30 SEP 2011 – 12 JUL 2015 Bucuresti, Romania

BACHELOR DEGREE - HORTICULTURE USAMV Bucharest, Faculty of Horticulture

30 SEP 1991 – 10 JUL 1995 Bucuresti, Romania

BACHELOR DEGREE The Superior School of Journalism - writing press/Bucharest University

DIGITAL SKILLS

Microsoft Office | Microsoft Word | Social Media | Facebook | Skype | Microsoft Powerpoint | Instagram | Power Point | Google Docs | Google Drive

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B2	B2	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

2012

Studies on the multiplication of two new fruit-growing species, Actinidia deliciosa and Actinidia arguta

Craiova, "65 DE ANI DE ÎNVĂȚĂMÂNT SUPERIOR AGRONOMIC ȘI 50 DE ANI DE ÎNVĂȚĂMÂNT SUPERIOR HORTICOL LA CRAIOVA", 15-16 November 2012

Peticila A.G., Stanica F., Venat-Dumitriu O., Madjar R.,

2022

In vitro impact of concentration and addition methods of plant hormones on peach (Prunus persica L. Batsch) micrografting.

Scientific papers-series B-horticulture, numar LXVI, numar 2, paginatie 11-18.

Alghashem N.,Stanica F.,Peticila G.A.,Venat O.,Butcaru A.,Al-Suwaid I.,Hasan B.,Azeb I.,Algashem K.

2022

In vitro effect of culture media and growth hormones on three peach (Prunus persica L. Batsch) cultivars

Scientific Bulletin seria F Biotehnologii, Volumul XXVI, numarul 1, pag. 71-78.

Alghashem N.,Stanica F.,Peticila G.A.,Venat O.,Butcaru A.,Al-Suwaid I.,Hasan B.,Azeb I.,Algashem K.

2022

In vitro influence of cultivars and different culture media on vitrification and darkness on peach (Prunus persica L. Batsch) shoots multiplication

Scientific Bulletin seria F Biotehnologii, Volumul XXVI, numarul 1, pag. 59-64.

Alghashem N.,Stanica F.,Peticila G.A.,Venat O.,Butcaru A.,Al-Suwaid I.,Hasan B.,Azeb I.,Algashem K.

2022

Use of different hormones on in vitro propagation of 'Gisela 5' Cherry Rootstock

Scientific papers-series B-horticulture, numar LXVI, numar 2, pag. 407-412, ISSN 2285-5653

Nicolae Catalina Ioana, Venat Oana Cosmina Arabella, Peticila George Adrian, Hoza Dorel,

2022

Variation of auxins and cytokinines in micropropagation protocols of two worldwide important species: *Solanum tuberosum* and *Ipomea batatas*

Scientific papers-series B-horticulture, numar LXVI, numar 2, pag. 295-299, ISSN 2285-5653.

Venat O., Peticila George Adrian, Nicolae Catalina Ioana, Pomohaci Cristian Mihai, Hoza Dorel

2022

A comprehensive study regarding multiplication of two worldwide economically important species: *Solanum tuberosum* and *Ipomea batatas* - in vitro approach

Scientific papers-series B-horticulture, numar LXVI, numar 2, paginatie 300-309, ISSN 2285-5653.

Venat O., Nicolae Catalina Ioana, Peticila George Adrian, Pomohaci Cristian Mihai, Hoza Dorel

2022

First results regarding relation between gibberellins and other growth hormones in micropropagation protocols of two economically important species: *Solanum tuberosum* and *Ipomea batatas*

Scientific papers-Series A. Agronomy, numar LXV, numar 1, pag. 719-727, ISSN 2285-5785

Venat O., Nicolae Catalina Ioana, Peticila George Adrian, Pomohaci Cristian Mihai, Hoza Dorel

2023

Preliminary evaluation on getting sprouts in sorrel on different substrates

Scientific Papers. Series B, Horticulture. Vol. LXVII, No. 1.

BARBU L., LIVADARIU O., BOIU-SICUIA O., CONSTANTIN C.G, DOBRIN A., ION V-A., VENAT O., et al.

2023

Conservation of plant germplasm using synthetic seed technology-review

Scientific Papers. Series B, Horticulture. Vol. LXVII, No. 2.

Ioana-Cătălina NICOLAE, Oana VENAT, Adrian George PETICILĂ, Dorel HOZA

2023

Goji berry cultivation in Romania, a pathway between traditional uses and modern breeding, cultivation, and citizen's acceptance

Acta Horticulturae, 1381, No.1

Asănica A.C. Ciceoi R., Venat O., Stavrescu-Bedivan M.M., Luchian V., Stănica F.

2022

In vitro effect of various sterilization techniques on peach (*Prunus persica* (L.) batsch) explants

Scientific Papers. Series B, Horticulture. Vol. LXII, Print ISSN 2285-5653.

Nazar Al Ghashee, Florin Stanica, Adrian George Peticilă, Oana Cosmina Arabela Venat

2018

In vitro effect of genotype, growth season and cytokinines on peach varieties (*Prunus persica* (L.) Batsch) propagation

CASEE 2018 Conference, DOI: [10.13140/RG.2.2.12899.58400](https://doi.org/10.13140/RG.2.2.12899.58400)

Nazar Al Ghashee, Florin Stanica, Adrian George Peticilă, Oana Cosmina Arabela Venat

2018

In Vitro Studies of Antifungal Activity of Colloidal Silver against Important Plants Pathogens

Notulae Botanicae Horti Agrobotanici Cluj-Napoca, [S.l.], p. 533-537, feb. 2018. ISSN 1842-4309;

Venat O., Iacomî B., Peticila A.

2018

The influence of culture medium on in vitro propagation on Kalanchoe Blossfeldiana

AGBIOL Confence, Edirne, Turkey, 3-5 september 2018, poster session;

Peticila A., Venat O., Dobre A.

2017

Antifungal potential of colloidal silver – alternative method in seeds pathogens control

International Student Symposium "Hortus Academicus" March 31, 2017 - Bucharest, Romania;

VENAT O., IACOMI B., PETICILA A

2013

Studies to support the proclamation of peony as Romania's national flower

AgroLife Scientific Journal, Vol. II, Number 1, ISSN 2285-5718, 103-112;

Toma F., Şelaru E., Georgescu M. I., Petra S., Padure I. M., Zamfir Vasca D., VENAT O.

2013

The effect of growth regulators on the ornamental potential of hypoestes sp. plants

Analele Universitatii din Craiova, Vol . XVIII (LIV) – 2013;

Vâșcă-Zamfir D., Bălan D., Luță G., Gherghina E., Venat O

2013

Sfintii si plantele lor de leac

Almanahul mediului, ed. Euroloby, ISSN 2065-9709, 2013.

Peticila A., Venat-Dumitriu O

2012

Micropropagation of baby kiwi (Actinidia arguta) using mature stem segments

Scientific Papers, Series B, Horticulture, Vol. LVI, 2012, ISSN Online 2286-1580, ISSN-L 2285-5653;

PETICILA A., STANICA, F.. MADJAR R., VENAT-DUMITRIU O

2012

Studies on the adaptation, multiplication and cultivation in Romania of two new fruit-growing species, Actinidia deliciosa and Actinidia arguta

Angers, FRANCE, HORTICULTURE IN EUROPE 2ND SYMPOSIUM ON, 1-5 July 2012;

Peticila A. G., Stanica F., Venat-Dumitriu O.

● **NETWORKS AND MEMBERSHIPS**

Memberships

1. ISHS
2. Societatea Romana a Horticultorilor

● **ORGANISATIONAL SKILLS**

Organisational skills

- good organizational skills
- good interaction with academic students and personal
- good management of scientific teams

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

- good communication skill in professional land of expertise

● **JOB-RELATED SKILLS**

Job-related skills

good competences in related fields like: biodiversity, ecology, urban horticulture, permaculture, photography, public policy, cinematography, in text structure and composition

● **PROJECTS**

1 OCT 2020 – 30 DEC 2023

ERASMUS+/Hort4EUGREEN. Enhancing practical skills of horticulture specialists to better address the demands of the European Green Deal

Membre in the management team.

1 FEB 2022 – CURRENT

ERASMUS+/Verti4you. Vertical farming for youth in rural & urban communities.

Membre in the management team.

30 JUL 2021 – 20 NOV 2022

ProtectGoji. Identificarea și dezvoltarea unor noi verigi tehnologice în sprijinul managementului integrat al acarianului galic al plantelor de goji, Aceria kuko, la goji

Competiția internă de proiecte USAMV 2021. 30.07.2021-20.11.2022. Member.

13 JUL 2023 – CURRENT

ADER 2.1.7. Cercetări privind utilizarea tehnologiilor cu plasmă în combaterea bolilor și dăunătorilor produselor agricole depozitate și evaluarea efectului asupra semințelor și plantelor, în vederea obținerii de producții sustenabile și de calitate

Membre

13 JUL 2023 – CURRENT

ADER 5.2.3. Stabilirea tehnicilor privind înmulțirea in vitro la unele specii de plante medicinale și aromatice de importanță economică

Membre.

15 JUN 2022 – 15 NOV 2023

MICROLED. Tehnologie de producere a microplantulelor aromatice într-un sistem inovativ de cultivare

"USAMV VERDE" - Competiție internă. Member.

31 JUL 2015 – 24 DEC 2016

De la universitate la viața activă

POSDRU/189/2.1/G/155945

2017 – 2020

Creșterea capacității instituționale de cercetare-dezvoltare-inovare în domeniul pomiculturii ecologice, acronim ECOTEHNOPOM, ctr 12 PCCDI/2018,

PN-III-P1-1.2-PCCDI-2017-0662

2017 – CURRENT

ERANET-FACCE-SURPLUS, Integrated system of bioremediation - biorefining using halophyte species

Ctr.44/2018

31 JAN 2018 – 15 OCT 2018

Susținerea cercetării de excelență și creșterea performanțelor științifice ale USAMV București în domeniile Bioeconomiei, Sănătății și securității alimentare/SUCCES

CNFIS-FDI-2018-0194

1 JUN 2018 – 31 MAY 2021

HaloSYS, Sistem integrat de bioremediere – biorafinare utilizand specii halofite.

ERANET-FACCE-SURPLUS. Member

10 MAY 2021 – 18 DEC 2021

Dezvoltarea capacității instituționale pentru cercetare-inovare în cadrul USAMV București, prin creșterea performanțelor științifice în contextul integrării Pactului Verde European

CNFIS-FDI-2021-0430. Member.

● **OTHER SKILLS**

Other skills

Participant in organizational team between 2011-2022 from USAMV at horticultural national events like "Florshow", "Hortus FlorShow", "Zilele horticulturii bucurestene", "expo garden & flowers", "Agriculture for Life, Life for Agriculture" (organizational department)

● **CONFERENCES AND SEMINARS**

3 FEB 2021 – 3 FEB 2021 online

"Valorificarea sustenabila a deseurilor de plante medicinale si aromatice în vederea obtinerii de produse cu valoare adaugata"

PROGRAMUL OPERATIONAL COMPETITIVITATE 2014-2020

"Investitii pentru viitorul dumneavoastra"

Axa prioritara 1 – Cercetare, dezvoltare tehnologica si inovare (CDI) in sprijinul competitivitatii economice si dezvoltării afacerilor

Actiunea 1.1.4 Atragerea de personal cu competente avansate din strainatate pentru consolidarea capacitatii de CD

Cod SMIS: 104323, Contract nr. 89/09.09.2016, co-finantat din Fondul European de Dezvoltare Regionala prin Programul Operational Competitivitate 2014-2020.

Link <http://susmapwasteconference.usamvb.ro/>

28 JAN 2021 – 28 JAN 2021 online

Enhancing practical skills of horticulture specialists to better address the demands of the European Green Deal

Scopul acestui proiect consta in dezvoltarea unor materiale educative moderne, armonizate la nivel european și a unei platforme, care vor facilita dezvoltarea abilităților practice în analiza calității produselor agro-alimentare. Temele discutate in cadrul workshopului vor detalia in acelasi timp strategia Pactul ecologic european (Green deal), lansata la finalul anului 2019 si ale carei obiective sunt vizate de majoritatea finantarilor prezente si viitoare, in proiectele de cercetare si nu numai.

Link <https://forms.gle/ZcsKbciWp57aDAsi6>

● **CREATIVE WORKS**

1 OCT 2023 – 10 OCT 2023

ERASMUS + HORTO4EUGREEN Intellectual Outputs- manuals

Editing in Canva the following manuals:

1. Problematic issues of concern (O3.A4.)
2. Residue analysis and monitoring (O3.A5)
3. Current trends and importance in food chain (O1.A1)
4. Food nutritional quality (O1.A3)
5. Tricks and tips in analysis methods of nutritional quality of horticultural products (O1.A4)
6. Laboratory methods for nutritional quality analysis. Practical Training Module. (O1.A5)
7. Regulations on nutritional quality of horticultural products (O1.A2)
8. Agronomic techniques, physical and mechanical methods for crop pests, diseases and weeds management (O2.A2)
9. Pests, pathogens and weeds (O2.A3)
10. European legal framework for 'non-chemical methods' in plant protection and crop pest management (O2.A1)
11. Introduction to Urban Horticulture (O4.A1)
12. Urban garden typologies and frameworks (O4.A3)
13. Urban horticulture policy and urban planning (O4.A2)
14. Urban flora diversity (O4.A4)
15. Cultivation and care: Essentials of urban garden management (O4.A5)
16. EU directives on sustainable use of pesticides (O3.A1.)
17. Hazard classification related to pesticides (O3.A2.)
18. Methods to minimize chemical pesticide dosages (O3.A3.)

Link <https://hortgreen.com/courses/>