



Personal information

First name / Surname


HERA Oana
 Slănic, Aninoasa, Arges, ROMANIA

  +40757543273

 oana.hera@yahoo.com

female | 21.11.1993| Romanian

ORCID: ID 0009-0006-1210-1863

BrainMap: ID: U-1900-061X-8708

Web of Science ResearcherID:

KFB-4450-2024

Work experience

• Period	September 2023 - present
• 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	Small Fruits Departement
• Position held	Scientific researcher,
• Main activities and responsibilities	<ul style="list-style-type: none"> - Research member for the thematic plan regarding the implementation of the "ASAS Strategy on Research - Development - Innovation in Pomiculture", ASAS theme 5: "Research on the behavior of species such as blueberry, sea buckthorn mulberry, elderberry, goji, mulberry, and honeysuckle " - 2023-2026 Member in Projects ADER: ADER 6.1.3.: Digitalization of certain technological links in the precision culture of berries. ADER 23.1.1: Optimization of the varietal conveyor of berries and dendrological shrubs in order to counteract the negative effects of climate change in the mountain area. ADER 6.1.9. The influence of implementing agri-environmental schemes for permanent crops in orchards in the context of biodiversity conservation and environmental impact. ADER 6.3.22. Development of innovative ecological pomology technologies harmonized with economic and natural resources. ADER 6.1.4. Research on the analysis of genetic diversity in some economically important fruit species through correlating phenotyping and genotyping techniques to develop conservation strategies. -June, 2023- title of thesis "Studies regarding fruit quality, variability and heredity of highbush blueberry"
• Period	January 2019 – September 2023
• Name and address of employer	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	Small Fruits Departement
• Occupation or position held	Scientific researcher assistant,
• Main activities and responsibilities	<ul style="list-style-type: none"> - Small fruit breeding, cultivar's evaluation and curator germplasm small fruit Theme I: Genetic resources and breeding of fruit cultivars and rootstocks Subtheme 1.1. Maintaining and exploiting pomological biodiversity, member Experience 1.1.4. Fruit shrubs (currant, raspberry, blackberry, gooseberry, blueberry, rosehip, honeysuckle, sea buckthorn, elderberry, dogwood, aronia, rose for petals, goji, mulberry) Subtheme 1.3. Developing new fruit cultivars with quality and resistance/tolerance to biotic and abiotic factors. Creating rootstocks adapted to Romanian soils,

	Experience 1.3.7. Strawberries and berries member Research member in projects: „PN-III-P1-1.2-PCCDI--Increasing the institutional capacity of research - development-innovation in the field of ecological fruit growing” 2018-2021 ADER 7.2.2. Development of new methods to improve fruit tree species aiming to enhance efficiency and reduce time in the selection process funded by MADR Bucharest, member.
EDUCATION AND TRAINING	
• Period	2008-2012
• Name and type of organization providing education and training	National Pedagogical College "Carol I", Câmpulung.
• Principal subjects / occupational skills covered	
• Title of qualification awarded	High school diploma
• Period	2012-2016
• Name and type of organization providing education and training	Pitești University, Faculty of Sciences
• Principal subjects / occupational skills covered	Horticulture
• Title of qualification awarded	Engineer
• Period	2016-2018
• Name and type of organization providing education and training	Pitești University, Faculty of Sciences
• Principal subjects / occupational skills covered	Environmental monitoring and protection
• Title of qualification awarded	Masters Degrees
• Period	2019-2023
• Name and type of organization providing education and training	University of Agronomic Sciences and Veterinary Medicine, Bucharest
• Principal subjects / occupational skills covered	Horticulture
• Title of qualification awarded	Ph. D.

Personal skills and competences

Native language	Romanian				
Foreign language	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1	Independent user / A1
French	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 fruit berries breeding; propagating material production technologies of fruit berries planting; -Experience in collecting and statistical data processing (SPSS program) and in using Word, Power Point, Excel software; -Team spirit, work ability and adaptability to different activities
• Other skills and competences	- Pedagogy course - University of Pitești, Faculty of Sciences, 4 years (2012-2016) - Graduation certificate
• Other competences – member of national and international organizations	- Member - Romanian Society of Horticulturists. - Member- Romanian Friends of the Roses
• Driving license	Category B
• Other information	I have participated in numerous symposiums and scientific events both in the country and abroad: -Scientific paper session - RIFG from 2019 to 2023, -2023-2026: ADER 6.4.1. : Innovative preservation, storage, and processing technologies applicable to new fruit cultivars offered in farms established through Submeasure 4.1a - "Investments in fruit farms" to ensure efficient exploitation in the market. Project responsible
• PUBLICATION	11 scientific papers (author and co-author), Selective list of published scientific articles: 1. Oana Hera , Monica Sturzeanu, Răzvan Teodorescu, 2021. Preliminary results regarding the fruit quality and yield of some blueberry genotypes. Current Trends in Natural Sciences, Vol. X, Issue 20: 79-84, https://www.natsci.upit.ro/media/2183/11hera-et-al.pdf 2. Oana Hera , Răzvan Teodorescu, Monica Sturzeanu, 2021. Blueberry (<i>Vaccinium corymbosum</i>) breeding programme in the main cultivating countries, Vol. LXV, No.1: 82-89, http://www.horticulturejournal.usamv.ro/pdf/2021/issue_1/Art12.pdf 3. Oana Hera , Monica Sturzeanu, Ivona Mazilu, Daniela Giosanu, Loredana Elena Vijan, Răzvan Teodorescu, 2022. Preliminary results regarding the the total sugar content of blueberry genitors and hybrid progenies. Current Trends in Natural Sciences, Vol. XI, Issue 21: 45-53, https://www.natsci.upit.ro/media/2341/5hera-et-al.pdf 4. Hera Oana , Sturzeanu Monica, Petrescu Amelia, Vijan Loredana Elena, 2022. The evaluation of the physico-chemical qualities of blueberry fruits. Fruit Growing Research, Vol. XXXVIII, 227-232, http://publications.icdp.ro/publicatii/lucrari%202022/33.Hera%20Oana.pdf 5. Oana Hera , Monica Sturzeanu, Loredana Elena Vijan, and Răzvan Teodorescu, 2023. Biochemical evaluation of some fruit characteristics of blueberry progenies obtained from 'Simultan × Duke'. https://pubs.acs.org/doi/10.1021/acsomega.3c00466 6. Oana Hera , Monica Sturzeanu, Loredana Vijan, Răzvan Teodorescu, 2023. Assessment of fruit quality and biochemical compounds of some blueberry hybrids. https://agricultureforlife.usamv.ro/images/2023/Program/Section_2_Horticulture.pdf

Data,

Signature,

March 2024

Ph.D. engineer Oana Hera