



## Personal information

First name / Surname


**STURZEANU Monica**
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## Work experience

• Period	March 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; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a> Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a>
• Departement	Small Fruits Departement
• Position held	Scientific researcher, IIRD degree, Laboratory responsible
• Main activities and responsibilities	- Coordination of research and development activity - Responsible 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 mulberry, goji, chinese jujube, mulberry, kaki and kiwi" - Curator germplasm for Fragaria, Rubus, Ribes, Ribes uva-crispa (ECPGR Berries working group) - 2023-2026 Project responsible: ADER 6.1.3.: "Digitalization of certain technological links in the precision culture of berries" - 2023-2026 Project responsible: 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"
• Period	February 2021 – February 2023
• Employer's name	Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania, Tel: 0040-248-178066; Fax: 0040-248-278477; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a> Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a>
• Departement	Genetics and Breeding Department
• Position held	Scientific researcher, IIRD degree, Laboratory responsible
• Main activities and responsibilities	- Coordination of research and development activity - Responsible 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 mulberry, goji, chinese jujube, mulberry, kaki and kiwi" - Curator germplasm for Fragaria, Rubus, Ribes, Ribes uva-crispa (ECPGR Berries working group).
• Period	April 2019 – January 2021
• Employer's name	Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania, Tel: 0040-248-178066; Fax: 0040-248-278477; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a> Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a>
• Departement	Small Fruits Departement
• Position held	Head of the department
• Main activities and responsibilities	- Coordination of research and development activity - Responsible 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 aronia, goji, honeysuckle, kiwi,

	<p>cornelian cherry, elderberry, rosehip, rose for petals in the climatic conditions of our country"</p> <p>-2019-2022 - Project director "Implementation of new methods of tree species improvement in order to improve efficiency and reduce time in the selection process"</p> <p>- Curator germplasm for <i>Fragaria</i>, <i>Rubus</i>, <i>Ribes</i>, <i>Ribes uva-crispa</i> (ECPGR Berries working group)</p> <p>- 2019 - Registration at State Institute for Variety Testing and Registration Bucharest</p> <p>- 1 strawberry cultivar ('lreal' cv.)</p> <p>- 2019 - Registration at State Institute for Variety Testing and Registration Bucharest</p> <p>- 1 elderberry cultivar ('Elrom' cv.)</p>
• Period	October 2015- March 2019
• Name and address of employer	<p>Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania,</p> <p>Tel: 0040-248-178066; Fax: 0040-248-278477; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a></p> <p>Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a></p>
• Departement	Small Fruits Departement
• Occupation or position held	Scientific researcher, III <sup>rd</sup> degree, biologist
• Main activities and responsibilities	<p>Strawberry and small fruit breeding, cultivar's evaluation, curator germplasm strawberry and small fruit</p> <p>- 2016 – 2018 - Project manager: COBIL Belarus. Evaluation of genetic resources and obtaining new varieties of strawberry and small fruits in order to reduce the negative impacts of climate change.</p> <p>- 2016 - 2018 – Project manager: PN-III-P2-2.1-BG "Improvement of strawberry assortment by introducing of valuable genotypes";</p> <p>– 2018 - 2020 - Project manager: PN - III - P1 - 6 - PCCDI - 2017-0332: „Increasing institutional capacity of bio-economic research for the innovative use of autochthonous vegetable resources in order to obtain horticultural products with high added value”</p> <p>– 2018 - 2020 - member of the research team in following project: PN - III - P1 - 1.2 - PCCDI - 2017-0662: Increasing institutional capacity of Research - Development - Innovation in the ecological fruit growing”.</p> <p>- 2019 - Registration at State Institute for Variety Testing and Registration Bucharest</p> <p>- 1 strawberry cultivar ('Sarom' cv.)</p> <p>- 2016 - Registration at State Institute for Variety Testing and Registration Bucharest</p> <p>- 1 seabuchthorn cultivar ('Carina' cv.)</p> <p>- 2016 - Registration at State Institute for Variety Testing and Registration Bucharest</p> <p>- 1 black chokeberry ('Melrom' cv.)</p>
• Period	November 2013 – September 2015
• Name and address of employer	<p>Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania,</p> <p>Tel: 0040-248-178066; Fax: 0040-248-278477; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a></p> <p>Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a></p>
• Departement	Small Fruits Departement
• Occupation or position held	Scientific researcher, biologist
• Main activities and responsibilities	<p>- Strawberry breeding, cultivar's evaluation and curator germplasm strawberry and small fruit</p> <p>- Research member in 15 projects (ADER)</p> <p>- December, 2014- title of thesis” Inheritance of some traits related to strawberry disease resistance”</p>
• Period	June 2011 – October 2013
• Name and address of employer	<p>Research Institute for Fruit Growing Pitesti, OP 1, CP 73, 110006, Arges, Romania,</p> <p>Tel: 0040-248-178066; Fax: 0040-248-278477; <a href="mailto:office@icdp-pitesti.ro">office@icdp-pitesti.ro</a></p> <p>Website: <a href="http://www.icdp.ro">http://www.icdp.ro</a></p>
• Departement	Small Fruits Departement
• Occupation or position held	Scientific researcher assistant, biologist
• Main activities and responsibilities	<p>- Strawberry breeding, cultivar's evaluation and curator germplasm strawberry and small fruit</p> <p>Research member in project „PC. 52-153 Technological systems and assortments in</p>

	sustainable tree-growing ecosystems for high bush blueberry , raspberries with biannual fruiting and black currant”, 2011
<b>EDUCATION AND TRAINING</b>	
• Period	1995-1999
• Name and type of organization providing education and training	"Ioan Pascu" Theoretical High School Codlea Braşov
• Principal subjects / occupational skills covered	
• Title of qualification awarded	High school diploma
• Period	2000-2004
• Name and type of organization providing education and training	Piteşti University, Faculty of Sciences
• Principal subjects / occupational skills covered	Biology
• Title of qualification awarded	Biologist
• Period	2008-2010
• Name and type of organization providing education and training	Piteşti University, Faculty of Sciences
• Principal subjects / occupational skills covered	Plant Protection
• Title of qualification awarded	Masters Degrees
• Period	2011-2014
• 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.
• Period	May 2013
• Name and type of organization providing education and training	Consiglio per la Ricerca in Agricoltura e l'analisi dell'economia agraria, Italia
• Principal subjects / occupational skills covered	Breeding and selection for fruit quality (strawberry)
• Title of qualification awarded	

### Personal skills and competences

Native language	Romanian				
Foreign language	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
	Listening	Reading	Spoken interaction	Spoken production	
Italian	Independent user / B2	Independent user / B2	Independent user / B2	Independent user / B2	Independent user / B2
<b>English</b>	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	<ul style="list-style-type: none"> <li>- Ability to coordinate research activity;</li> <li>- Experience in the management of 6 research projects;</li> <li>- Experience in strawberry and fruit berries breeding; propagating material production technologies of fruit berries planting;</li> <li>- Responsible for organizing the mother plantations of berries fruit according to the rules in force and for drawing up the documentation for the certification of fruit propagating and planting material within the laboratory;</li> <li>- Experience in collecting and statistical data processing (SPSS program) and in using Word, Power Point, Excel software;</li> <li>- Team spirit, work ability and adaptability to different activities</li> </ul>				
• Other skills and competences	<ul style="list-style-type: none"> <li>- Pedagogy course - University of Pitești, Faculty of Sciences, 4 years (2000-2004) - Graduation certificate</li> <li>- Specialization and improvement in strawberry breeding at Institute of Horticulture, Forlì - Italy (2013)</li> </ul>				
• Other competences – member of national and international organizations	<ul style="list-style-type: none"> <li>- member of ISHS - International Society for Horticultural Science <a href="https://www.actahort.org/members/showpdf?session=3278031">https://www.actahort.org/members/showpdf?session=3278031</a></li> <li>- member of ECPGR Berries - The European Cooperative Programme for Plant Genetic Resources – Berries <a href="http://www.ecpgr.cgiar.org/contacts-in-ecpgr/ecpgr-contacts/berries/genebank-curator/">http://www.ecpgr.cgiar.org/contacts-in-ecpgr/ecpgr-contacts/berries/genebank-curator/</a></li> <li>- Member - Romanian Society of Horticulturists.</li> </ul>				
• Driving license	Category B				
• Other information Research projects	<b>RESEARCH ACTIVITY:</b> 39 projects (2011 – 2024): 2 as project director, 4 project responsible; 33 team members; 7 international				
• <b>PUBLICATION</b>	<p><b>59 scientific papers; 11 books and brochures (author and co-author): 2 as main author:</b></p> <p>1) <b>Sturzeanu M.</b>, Militaru M., Butac M., Călinescu M., Iancu A., Petre Ghe., Iurea E., Guzu G. 2022. Eficientizarea ameliorării genetice a soiurilor de pomi și arbuști fructiferi. Ed. Invel Multimedia, acreditată CNCSIS, ISBN 978-606-764-074-8, 84 pg.</p> <p>2) <b>Sturzeanu M.</b>, Temocico G., 2018. Soiuri de căpșun cultivate în România, Ed. Invel Multimedia, ISBN 978-606-764-038-0, 40 pagini;</p> <p>3) Titirică, I.; Roman, I.A.; Nicola, C.; <b>Sturzeanu, M.</b>; Iurea, E.; Botu, M.; Sestras, R.E.; Pop, R.; Militaru, M.; Ercisli, S.; et al. The Main Morphological Characteristics and Chemical Components of Fruits and the Possibilities of Their Improvement in Raspberry Breeding. Horticulturae 2023, 9, 50. <a href="https://doi.org/10.3390/horticulturae9010050">https://doi.org/10.3390/horticulturae9010050</a></p> <p>4) Hera O., <b>Sturzeanu M.</b>, Vîjjan L., Tudor V., Teodorescu R., 2023. Biochemical evaluation of some fruit characteristics of blueberry progenies obtained from 'Simultan × Duke', Omega. 15; 8(21):18603-18616 <a href="https://pubs.acs.org/doi/10.1021/acsomega.3c00466">https://pubs.acs.org/doi/10.1021/acsomega.3c00466</a></p> <p>5) <b>Sturzeanu M.</b>, Coman M., Hera O., Petrescu A., Ciucu M., 'Sarom' and 'Ireal', new strawberry cultivars, Fruit Growing Research, vol. 39: 6-15 <a href="https://publications.icdp.ro/publicatii/lucrari%202023/01.%20Sturzeanu%20Monica.pdf">https://publications.icdp.ro/publicatii/lucrari%202023/01.%20Sturzeanu%20Monica.pdf</a></p>				

Data,

Signature,

March 2024

Ph.D. biologist Monica Sturzeanu