

## LISTĂ DE LUCRĂRI ȘTIINȚIFICE

Drd. Ing. CS Geanina (NEACȘU) NEGOȘANU

A. **Teza de doctorat:** "Ameliorarea și aclimatizarea la *Sideritis* spp. în România"

### B. LUCRĂRI ȘTIINȚIFICE COTATE ISI

1. Barcanu Elena, Agapie Ovidia, Gherase Ion, Tănase Bianca, **Negoșanu Geanina**, Vînătoru Costel 2019. *Agro-morphological studies carried out at some new genotypes of pea garden obtained at V.R.D.S. Buzău* - Proceedings of the International „Life sciences, a challenge for the future” 17-18 octomber 2019, Iași, Romania, pp.157-161.
2. **Geanina Negoșanu**, Costel Vînătoru, Elena Barcanu, Ovidia Agapie Loredana, Bianca Tănase, Ion Gherase, 2020. *Evaluation of the main phenotypic and physic-chemical characteristics in the new genotypes of Jerusalem artichoke (*Helianthus tuberosus*) obtained at V.R.D.S. Buzău*. Scientific Papers - Series B, Horticulture 2020 Vol.64 No.1 pp. 442-447 ref. 9.
3. **Geanina Negoșanu**, Costel Vînătoru, Elena Barcanu, Ovidia Agapie Loredana, Bianca Tănase, Ion Gherase, 2020. *Main phenotypic and biochemical characteristics recorded at the new "Andrada" tomato variety obyained at V.R.D.S. Buzău*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture
4. Tănase Bianca Elena, Vînătoru Costel, Agapie Ovidia, Barcanu Elena, **Negoșanu Geanina**, Gherase Ion, 2020. *New genotypes of *Basella rubra* and *Basella alba* acclimated and improved at Vegetable Research and Development Station Buzău*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture 77(2):145
5. Tănase Bianca Elena, Vînătoru Costel, Agapie Ovidia, Barcanu Elena, **Negoșanu Geanina**, Gherase Ion, 2020. *Research on phenotypic and genotypic expresivity in field bean varieties obtained at VRDS Buzau*. Scientific Papers. Series B, Horticulture, Vol. LXIV, Issue 1
6. Ion Gherase, Elena Barcanu, Ovidia Loredana Agapie, Bianca Elena Tănase, **Geanina Negoșanu**, Costel Vînătoru, 2020. *Main phenotypic expression on valuable *Amaranthus* accessions from Vegetable Research and Development Station Buzau*. Published in Scientific Papers. Series B, Horticulture, Vol. LXIV, Issue 1
7. Ovidia Loredana Agapie, Florin Stănică, Costel Vînătoru, Elena Barcanu, Bianca Elena Tănase, Ion Gherase, **Geanina Negoșanu**, 2020. *Agro-morphological characterization of *Habanero* peppers from the germplasm collection of Vegetable Research Development Station Buzău*. Published in Scientific Papers. Series B, Horticulture, Vol. LXIV, Issue 1
8. Barcanu Elena, Costel Vînătoru, Ovidia Loredana Dobre, Ion Gherase, Tănase Bianca, **Negoșanu Geanina**, 2020. *Agronomic assessment of *Physalis* sp. accessions from Vegetable Research Development Station Buzau, Romania*. Scientific Papers. Series B, Horticulture. Vol. LXIV, No. 1, Barcanu Elena, Costel Vînătoru, Ovidia Loredana Dobre, Ion Gherase, Tănase Bianca, **Negoșanu Geanina**, 2020. *Phenotypic and biochemical characterization of a new genotype of *Satureja montana* (L.)*. Bulletin UASVM Horticulture 77(2) / 2020.
9. Ion Gherase, Elena Barcanu, Costel Vînătoru, Ovidia Agapie (Dobre), Bianca Tănase, **Geanina Negoșanu**, 2020. *Expressiness of the main characters of a new genotype of white kidney bean*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture 77(2):129
10. Elena Barcanu, Konstantinos Paschalidis, Costel Vînătoru, Ovidia Dobre (Agapie), Ion Gherase, Bianca Tănase, **Geanina Negoșanu**, Elena Drăghici, 2020. *The effects of seed priming with L-glutamine and L-arginine amino acids in pepper seeds*. Vol. 77 No. 2 (2020): Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca. Horticulture;
11. Ovidia Loredana Agapie, Florin Stănică, Costel Vînătoru, Elena Barcanu, Bianca Elena Tănase, Ion Gherase, **Geanina Negoșanu**, 2020. *Description of valuable genotypes from*

- germplasm collection of hot peppers set by directions of use*. Vol. 77 No. 2 (2020): Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca. Horticulture;
12. Bianca Elena Tănase, Adrian Asănică, Costel Vinătoru, Elena Barcanu, Ovidia Agapie, Ion Gherase, **Geanina Negoșanu**. Evaluation of the main quantitative and qualitative characters for the "Maura 2000" climbing bean cultivar. Published 18 November 2020, Biology, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture
  13. **Geanina Negoșanu**, Costel Vinătoru, Adrian Peticilă, Elena Barcanu, Ovidia Loredana Agapie, Bianca Tănase, Ion Gherase, 2021. *Phenotypic expressiveness of the new Sideritis scardica genotypes obtained at V.R.D.S. Buzău*, Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1.
  14. Ovidia Loredana Agapie, Florin Stănică, Costel Vinătoru, Elena Barcanu, Bianca Elena Tănase, Ion Gherase, **Geanina Negoșanu**, 2021. *The assessment of some hot peppers accessions bred at Vegetable Research Development Station Buzău*, Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1.
  15. Ovidia Loredana Agapie, Florin Stănică, Costel Vinătoru, Elena Barcanu, Bianca Elena Tănase, Ion Gherase, **Geanina Negoșanu**, 2021. *Assessment of main phenotypic traits on ornamental peppers cultivars from Vegetable Research Development Station Buzau Romania*. IV International Symposium on Horticulture in Europe – SHE 2021.
  16. Elena Barcanu, Ovidia Loredana Agapie, Ion Gherase, Bianca Tănase, **Geanina Negoșanu**, Vinătoru Costel, Drăghici Elena Maria, 2021. *Phenotypic diversity in a sweet pepper germplasm collection from V.R.D.S. Buzau, Romania*. Acta Hort. 1327, 41-48.
  17. Costel Vinătoru, Adrian Peticilă, Elena Barcanu, Bianca Mușat, Camelia Bratu, Bianca Tănase, Ovidia Agapie, Ion Gherase, **Geanina Negoșanu**. *The Main Results In Acclimatization And Breeding Of Benincasa Hispida*. Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1.
  18. Elena Barcanu, Ovidia Agapie, Ion Gherase, Bianca Tănase, **Geanina Negoșanu**, Costel Vinător, 2021. *Trichosanthes cucumerina L., a new species acclimatized and bred in Romania*. Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1.
  19. Ion Gherase, Elena Barcanu, Costel Vinatoru, Ovidia - Loredana Agapie, Bianca - Elena Tanase, **Geanina Negoșanu**, Elena Maria Draghici, 2021. *Preliminary Results On The Behaviour Of Some Green Pea Accessions Bred At Vegetable Research Development Station Buzau, Romania*. Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1.
  20. **Geanina Negoșanu**, Adrian Asănică, Costel Vinătoru, Adrian Peticilă, Bianca MUȘAT, Camelia Bratu, Matilda Popescu, 2022 *Technology Design For Sideritis Scardica As A New Culture In Romania*. Scientific Papers. Series B, Horticulture. Vol. LXVI, No. 1
  21. **Geanina Negoșanu**, Adrian Asănică, Costel Vinătoru, Bianca MUȘAT, Camelia Bratu, Matilda Popescu, 2022 *Research on the phenotypic and biochemical expression of Sideritis sc. varieties acclimated and bred at Plant Genetic Resources Bank Buzau, Romania*, International Horticultural Congress, Angers, France (in curs de publicare)
  22. George Adrian Peticila, Costel Vinatoru, Catalina Ioana Nicolae, Oana Venat, Florin Stanica, Adrian Asanica, Ana Butcaru, **Geanina Negoșanu**, Raluca Ciubotarasu, 2022 *Myrobolan (Prunus cerasifera): A valuable source of germplasm biodiversity in Buzau County, Romania*, International Horticultural Congress, Angers, France (in curs de publicare)
  23. Costel Vinătoru, Bianca MUȘAT, Camelia Bratu, **Geanina Negoșanu**, Matilda Popescu si Cristian Șomoiag, 2022 *Phenotypic and biochemical characterisation of the newly developed cultivar of Momordica charantia – Brâncuși*, Vol. 79 No. 1 (2022): Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca. Horticulture
  24. C. Vinătoru, B. MUȘAT, C. Bratu, **G. Negoșanu**, M. Popescu si D. Hoza, 2022 *Research regarding phenotypic expressiveness and agronomic value of the 'Hera' tomato variety at Plant Genetic Resources Bank - for Vegetables, Floricultural, Aromatic and Medicinal Plants Buzău*, Romania, International Horticultural Congress, Angers, France (in curs de publicare)
  25. C. Vinătoru, B. MUȘAT, C. Bratu, **G. Negoșanu**, M. Popescu, D. Hoza, 2022, *Research regarding restoration of the main identity traits of old Romanian autumn cabbage variety, Licurișca*. International Horticultural Congress, Angers, France, (in curs de publicare)

26. Costel Vînătoru, Bianca MUȘAT, Camelia Bratu, **Geanina Negoșanu**, Matilda Popescu, Adrian Peticilă, 2022 *Perspectives on the Extension and Diversification of Basil (*Ocimum basilicum L.*) Assortment by Exploiting Genetic Resources Conserved at The Plant Genetic Resources Bank of Buzău*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture. In cadrul The 21st International Conference life Sciences for sustainable development (in curs de publicare)
27. Matilda Popescu, Costel Vînătoru, Bianca MUȘAT, Camelia Bratu, **Geanina Negoșanu**, Cristian Șomoiag, 2022, *Evaluation Of The Main Qualitative And Quantitative Characters In The New Genotype of Salsola Soda Studied at the Buzau Plant Genetic Resources Bank*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture. In cadrul The 21st International Conference life Sciences for sustainable development, 15-17 Septembrie (in curs de publicare)
28. Bianca MUȘAT, Costel Vînătoru, Camelia Bratu, **Geanina Negoșanu**, Matilda Popescu, Florin Burlan, 2022, *Expressivity and Variability of the Cherry Tomatoes Main Characters from Core Collection of Plant Genetic Resources Bank Buzău*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture. In cadrul The 21st International Conference life Sciences for sustainable development (in curs de publicare)
29. Camelia Bratu, Florin Stănică, Costel Vînătoru, Bianca MUȘAT, **Geanina Negoșanu**, Matilda Popescu, 2022, *Evaluation Of The Agricultural And Qualitative Potential Of The New Aubergine Genotype Ro19ver22 Achieved At The Buzau Plant Genetic Resources Bank*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture. In cadrul The 21st International Conference life Sciences for sustainable development (in curs de publicare)
30. Bianca MUȘAT, Dorel Hoza, Costel Vînătoru, Matilda Popescu, Camelia Bratu, **Geanina Negoșanu**, 2022, *Evaluation Of The Combining Ability Of Tomato Genitors Obtained At PGRB Buzau*, Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture (in curs de publicare)
31. Camelia Bratu, Florin STĂNICĂ, Costel Vînătoru, Matilda Popescu, Bianca MUȘAT, **Geanina Negoșanu**, Florin Burlan, 2022. *Evaluation and conservation of germplasm resources of Solanum melongena L. owned by Plant Genetic Resources Bank Buzău*. Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture (in curs de publicare)
32. **Geanina Negosanu**, Costel Vinatoru, Violeta Ion, Ana Dica, Adrian Asanica, 2023. *Phenotypical And Biochemical Evaluation Of The Sideritis Scardica, Hyssopifolia, Syriaca And Raeseri Genotypes Acclimated in Romania*. III International Symposium on beverage crops, Murcia, Spain, ISHS (in curs de publicare)
33. Matilda Popescu, Costel Vînătoru, Viorica Luchian-Lagunovschi, Bianca MUȘAT, Camelia Bratu, **Geanina Negoșanu**, 2022. *Expressiveness Of The Main Quantitative Characters Of Raphanus Sativus var. Caudatus Achieved At Plant Genetic Resources Bank Buzau*. Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture. (in curs de publicare)
34. **Geanina Negosanu**, Costel Vinatoru, MUȘAT Bianca, Bratu Camelia, Adrian Peticila, Adrian Asanica, 2023. *Evaluarea expresivității fenotipice la genotipul nou de Sideritis scardica var. Ossa, aclimatizata si ameliorata in Romania*. Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture (in curs de publicare)
35. Bianca MUȘAT, Costel Vinatoru, Camelia Bratu, Matilda Popescu, **Geanina Negosanu**, 2023 *Evaluation of the germplasm collection according to directions of use in order to identify suitable genotypes for natural tomato juice*. III International Symposium on beverage crops, Murcia, Spain, ISHS (in curs de publicare)
36. Costel Vinatoru, Bianca MUȘAT, Camelia Bratu, Matilda Popescu, **Geanina Negosanu**, 2023 *Research On The Expressiveness And Conservation Of Tomato Genotypes From The BRGV Buzau Germplasm Core Collection*. IX South-Eastern Europe Symposium on Vegetables and Potatoes, ISHS (in curs de publicare)

37. Camelia Bratu, Florin Stanica, Costel Vinatoru, Bianca MUȘAT, Matilda Popescu, **Geanina Negosanu**, 2023. *Preliminary results on the acclimatization of a new species of the Solanaceae family in Romania*. Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture (in curs de publicare)
38. Bianca MUȘAT, Costel Vînătoru, Camelia Bratu, **Geanina Negoșanu**, Matilda Popescu, Florin Burlan- *Identification of main phenotypic traits of Dianthus spp. core-collection varieties of PGRB Buzau based on flower descriptors*. Scientific Papers Series B. Horticulture, in cadrul Simpozionului International Agriculture for Life, Life for Agriculture, 2023 (in curs de publicare)

**C. Articole publicate în reviste de specialitate din țară recunoscute de către CNCSIS- (cotație CNCSIS B)**

1. **Negoșanu Geanina**, Asănică A., Vînătoru C., Peticilă A., MUȘAT B., Bratu C. *Research on the acclimatization and breeding of Sideritis hyssopifolia at P.G.R.B. Buzau*. Lucrări Științifice Seria Horticultură, 65 (1/2). 2022, USV IAȘI, in cadrul Congresului International Life Sciences Today for Tommorrow.
2. Bratu Camelia, Stănică Florin, Vînătoru Costel, MUȘAT Bianca, **Negoșanu Geanina**, Popescu Matilda. *New Sources Of Solanum Germplasm Of The Leptostemonum Clade Preserved And Used In The Breeding Program Of The Plant Genetic Resources Bank Buzău, ROMANIA*. Lucrări Științifice Seria Horticultură, 65 (1/2). 2022, USV IAȘI, in cadrul Congresului International Life Sciences Today for Tommorrow.

**D. Brevete de invenție și omologări**

Nr.crt	Specia	Numele soiului	Certificate de omologare	Brevet de inventie (nr/data)	Autori
<b>SOIURI IN CURS DE OMOLOGARE SI BREVETARE</b>					
1.	Anghinare	COLUMNA			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu
2.	Busuioc rosu	SAVARȘIN			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu
3.	Tomate tip cherry	SIMILA			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu
4.	Tomate de camp	CLAUDIA			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu
5.	Leustean	LUCHIAN			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu
6.	Patison	ACHIM			Costel Vinătoru, Mușat Bianca, Bratu Camelia, <b>Geanina Negosanu</b> , Matilda Popescu

## G. PROIECTE CERCETARE

Proiect	Rol în cadrul proiectului	Perioadă
ADER 7.2.5. Îmbunătățirea și diversificarea germoplasmei unor culturi legumicole destinate pentru produse alimentare, în scopul creșterii productivității și calității recoltei, a adaptabilității la factorii de stres biotic și abiotic <b>Valoare: 800.000 lei</b>	Director proiect	2019-2020
PN III – ECOBREED - Agricultura pentru maine - asigurarea sustenabilității mediului prin creșterea competitivității ameliorării pentru agricultură ecologică	Membru în echipa proiectului	2018-2020