

PERSONAL INFORMATION

Băjenaru Maria-Florentina



📍 Str. Dosoftei, Nr. 3, Dăbuleni, Dolj (România), Postal code 207220

☎ 0787405361

✉ mariaciuca92@yahoo.com

Sex Female | Date of birth 09/07/1992 | Nationality Romanian

WORK EXPERIENCE

12/06/2019-06/2022

Scientific Research Assistant

Research - Development Station for Plant Culture on Dăbuleni Sands, Dăbuleni (România) (207170, Călărași, Dolj, România Phone: 0251334402 / 0251334347 E-mail [ccdcpn.dabuleni@asas.ro](mailto:ccdcpn.dabuleni@asas.ro), [office@scdcpndabuleni.ro](mailto:office@scdcpndabuleni.ro), <http://www.scdcpndabuleni.ro>)

06/2022-Present

Scientific Researcher

Research - Development Station for Plant Culture on Dăbuleni Sands, Dăbuleni (România) (207170, Călărași, Dolj, România Phone: 0251334402 / 0251334347 E-mail [ccdcpn.dabuleni@asas.ro](mailto:ccdcpn.dabuleni@asas.ro), [office@scdcpndabuleni.ro](mailto:office@scdcpndabuleni.ro), <http://www.scdcpndabuleni.ro>)

Business or sector Research, with its own thematic plan in viticulture

EDUCATION AND TRAINING

2008-2014

High school diploma  
Constantin Brâncoveanu High School, Dăbuleni, Dolj, Mathematics-Informatics Profile

2011-2014

Bachelor of Biology  
Faculty of Agriculture and Horticulture, Biology specialization, Craiova, (Romania)  
General cytology, Morphology and plant anatomy, Phytopathology, Biochemistry, Microbiology

2014-2016

Qualification in biology  
University of Craiova - Faculty of Horticulture Master - Biodiversity and Ecosystem Conservation, Craiova (Romania)  
Elements of systemic ecology, Biodiversity of the living world, Main biological conservation, Population genetics

2023-Present

Doctoral studies: [Animal and Plant Resources Engineering](#)  
University of Craiova - Faculty of Horticulture, PhD student for the period 2023-2026.  
The doctoral thesis: "Research on the ampelographic characters, agrobiological and technological properties of some local and autochthonous grapevine varieties cultivated over time on the sands of southern Oltenia"

PERSONAL SKILLS

Mother tongue(s) Romania

Other language(s)

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

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

**Communication skills** Some aspects that characterize me are communication, punctuality, honesty and perseverance

**Organisational / managerial skills** Team spirit: I have the experience of teamwork since college, when I participated in the activities required by the practical and research projects carried out with in the faculty.

**Computer skills** Good command of Microsoft Office™ tools

**Driving licence** B

**ADDITIONAL INFORMATION**

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**PROJECTS**

- **Complex project no. 9PCCDI / 2018:** "Complex system of integral valorification of some agricultural species with energy and food potential"
- **Project 1736 / 10.10.2018** "Study in the ampelographic collection of new vine varieties with wine grapes, table grapes and raisins and elaboration of innovative technologies in order to reduce the negative impact of climate change on sandy soils"
- **ADER project 7.3.4.** "In vitro selection research to identify, multiply and promote sweet potato genotypes with tolerance to thermohydric stress"
- **ADER project 1.4.2.** "Restoration of the production and protection capacity of agroecosystems in the area of sandy soils by promoting in culture some plant species tolerant to thermohydric stress, beans, sorghum, rye"
- **ADER project 7.3.1.5.** "Establishing measures and means for integrated prevention and control of the pest Tuta absoluta, the mining moth in tomato crops in protected areas"
- **ADER project 4.1.1.** "Obtaining new potato varieties with superior response capacity to abiotic and biotic stress by using the genetic determinism of some tolerance characters"
- **ADER project 6.3.14.** "Research on the development of innovative culture technologies in the production of rootstocks and viticultural planting material, abiotic and biotic trellis by using the genetic determinism of some tolerance characters"

**CONFERENCES**

- The 15TH ANNUAL MEETING "DURABLE AGRICULTURE - AGRICULTURE OF THE FUTURE" November 7-8, Craiova 2019
- 60th Anniversary Session of Horticulture in Ștefănești - Argeș, October 15, 2019
- ANNUAL SCIENTIFIC SESSION ICDP Mărăcineni 14-15 November 2019
- "AGRICULTURE FOR LIFE, LIFE FOR AGRICULTURE" CONFERENCE, BUCHAREST, online USAMV Bucharest 03-05.06. 2021
- Seminar: "Restoring the production capacity and protection of agroecosystems in the area of sandy soils by promoting in culture some plant species tolerant to thermohydric stress, beans, sorghum, rye" RDSPCSS Dăbuleni 20.07.2021
- 16TH INTERNATIONAL SYMPOSIUM OF ANIMAL BIOLOGY AND NUTRITION 50 YEARS OF RESEARCH IN BIOLOGY AND ANIMAL NUTRITION on-line IBNA 30.09.2021– 01.10.2021
- The 17th Edition of the International Symposium "Sustainable agriculture - agriculture of the future" organized by the Faculty of Agronomy at the University of Craiova
- Round table: "The behavior of some grape varieties with black grapes for red wines in the ampelographic collection from Dăbuleni" SCDCPN Dăbuleni 27.10.2021

- Round table "THE BEHAVIOR OF SOME VINE VARIETIES WITH WHITE GRAPES IN THE AMPELOGRAPHIC COLLECTION", 25.08.2022
- Round table "NEW DIRECTIONS FOR THE VALUATION OF SANDY SOILS", ASAS, 19.09.2022
- Annual Scientific Symposium – 2022, "HORTICULTURE, FOOD AND ENVIRONMENT", Priorities and perspectives, October 13-14, 2021, Craiova, Romania
- The 18th Edition of the International Symposium "Sustainable agriculture - agriculture of the future" organized by the Faculty of Agronomy at the University of Craiova
- Conferința Internațională "Agriculture for Life, Life for Agriculture" USAMV București, 8-10 iunie 2023
- IX South-Eastern Europe Symposium on Vegetables and Potatoes
- International Conference "DURABLE AGRICULTURE – AGRICULTURE OF THE FUTURE"

March, 2025

## APPENDIX TO CURRICULUM VITAE

**LIST OF PUBLISHED SCIENTIFIC WORKS****Published books**

1. Drăghici Reta, Ciurescu Georgeta, Matei Gheorghe. Coordinators: Aurelia Diaconu, Ștefan Nanu, Mirela Paraschivu, Iulian Drăghici, Alina Paraschiv, Mihaela Croitoru, Milica Dima, **Maria Băjenaru**, Florentina Netcu, Daniela Ilie, 2022. *Restoring the production capacity and protection of agrosystems in the area of sandy soils through promotion in culture of some plant species tolerant to thermohydric stress*, Sitech Publishing House, Craiova, ISBN 978-606-11-8228-2.

**ISI Cited Publications**

1. Milica DIMA, Reta DRĂGHICI, Gheorghe COTEȚ, Florentina NETCU, **Maria-Florentina BĂJENARU\***, 2023. **RESEARCH ON THE INFLUENCE OF HARVEST TIME ON YIELD IN GROUNDNUTS GROWN ON SANDY SOILS**, Scientific Papers. Series A. Agronomy, Vol. LXVI, No. 2, 2023 ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785, [https://agronomyjournal.usamv.ro/pdf/2023/issue\\_2/Art23.pdf](https://agronomyjournal.usamv.ro/pdf/2023/issue_2/Art23.pdf)
2. Reta DRĂGHICI, Milica DIMA, Alina Nicoleta PARASCHIV, **Maria Florentina BĂJENARU**, Cristina BÎRSOGHE, 2023. **THE BEHAVIOR OF SOME LOCAL AND FOREIGN COWPEA GENOTYPES IN THE CONDITIONS OF CLIMATE CHANGES IN THE SOUTH OF OLTENIA**, Scientific Papers. Series A. Agronomy, Vol. LXVI, No. 2, 2023ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785, pag. 198-207, [https://agronomyjournal.usamv.ro/pdf/2023/issue\\_2/Art25.pdf](https://agronomyjournal.usamv.ro/pdf/2023/issue_2/Art25.pdf)
3. Milica DIMA, Mihaela CROITORU, Reta DRĂGHICI, Iulian DRĂGHICI, Elena CIUCIUC, **Maria Florentina BĂJENARU\***, 2021. RESEARCHES ON THE BEHAVIOR OF JERUSALEM ARTICHOKE VARIETIES GROWN ON SANDY SOILS IN TERMS OF NUTRITIONAL QUALITY OF TUBERS, Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development, Vol. 21, Issue 3, 2021, PRINT ISSN 2284-7995, E-ISSN 2285-3952.
4. Reta Drăghici, Iulian Drăghici, Milica Dima, Mihaela Croitoru, Alina Paraschiv, **Maria Băjenaru**, Gheorghe Matei, Georgeta Ciurescu, 2021. *MANAGEMENT OF FERTILIZATION WITH NON-POLLUTING PRODUCTS IN THE CULTURE OF COWPEA (VIGNA UNGUICULATA L. WALP) IN THE SANDY SOILS CONDITIONS*, Scientific Papers. Series "Management, Economic Engineering in Agriculture and Rural Development", Vol. 21 Issue 3, pag. 317-324, ISSN 2284-7995.
5. Reta Drăghici, Iulian Drăghici, Mihaela Croitoru, **Maria Florentina Băjenaru**, Alina Nicoleta Paraschiv, 2021. *RESULTS REGARDING THE VALORIZATION OF WASTEWATER IN IRRIGATION OF GRAIN SORGHUM CULTIVATED ON SANDY SOILS*, SCIENTIFIC PAPERS SERIES A. AGRONOMY Volume LXIV, No. 1, pag. 291-300, pag. 324-330, ISSN 2285-5785, ISSN CD-ROM 2285-5793, ISSN ONLINE 2285-5807, ISSN-L 2285-5785.

**ISBN Cited Publications**

1. **Maria-Florentina Băjenaru**, Cristina Bîrsoghe, Iulian Rățoi, 2023. **STUDIES ON THE BIOLOGICAL AND PRODUCTIVE POTENTIAL OF SOME TABLE GRAPE CULTIVARS GROWN IN THE PEDOCLIMATIC CONDITIONS OF SOUTHERN OLTENIA**, Annals of the University of Craiova, series Agriculture - Mountainology - Cadastre, Vol. 53/1/2023, page 7-14, <https://anale.agro-craiova.ro/index.php/aamc/article/view/1429>
2. Cristina BÎRSOGHE, Ștefan NANU, Felicia-Constantina FRĂTUȚU, Alina-Nicoleta PARASCHIV, **Maria-Florentina BĂJENARU**, Milica DIMA, 2023. **Evaluation of the quality of some watermelon varieties grown on sandy soils**, Annals of the University of Craiova, series Agriculture - Mountainology - Cadastre, Vol. 53/1/2023, pp. 15-21, DOI: <https://doi.org/10.52846/aamc.v53i1.1430>, <https://anale.agrocraiova.ro/index.php/aamc/article/view/1430>
3. Reta DRĂGHICI, Mirela PARASCHIVU, GheorgheMATEI, Alina Nicoleta PARASCHIV, Milica DIMA, Florentina NETCU, **Maria-Florentina BĂJENARU**, 2023. **RESEARCH ON THE CONTROL OF DISEASES AND PESTS IN COWPEA CULTURE IN THE CONDITIONS OF SANDY SOILS IN THE SOUTH OF OLTENIA**, Annals of the University of Craiova, series Agriculture - Mountainology - Cadastre, Vol. 53/1/2023, , pag. 113-124, <https://anale.agro-craiova.ro/index.php/aamc/article/view/1445/1370>

4. A. Diaconu, A.N. Paraschiv\*, G. Coteș, C. Bîrsoghe, S. Nanu, **M.F. Băjenaru**, 2023. *The influence of climate changes on the productivity of potatoes (*Solanum tuberosum*) grown in the southern area of Oltenia*, has been reviewed and is accepted by the editorial board of the 9th Southeast European Symposium on Vegetables and Potatoes for publication in *Acta Horticulturae*.
5. A. Diaconu, A.N. Paraschiv, C. Bîrsoghe, S. Nanu, G. Coteș, **M.F. Băjenaru**, 2023, *Quality characteristics of some cultivars of sweet potato grown on the sandy soils from the south of Oltenia*, has been reviewed and is accepted by the editorial board of the 9th Southeast European Symposium on Vegetables and Potatoes for publication in *Acta Horticulturae*.
6. Nanu, A.N. Paraschiv, M. Iamandei, L.M. Sfirloagă, C. Bîrsoghe, D. Ilina, F.C. Frătușu, **M. Băjenaru**, 2023. *Evaluation of the effectiveness of some protection products against the Tuta absoluta pest in tomato crops from southern Romania*, has been reviewed and is accepted by the editorial board of the 9th Southeast European Symposium on Vegetables and Potatoes for publication in *Acta Horticulturae*.
7. Bîrsoghe Cristina, Nanu Ștefan, Diaconu Aurelia, Paraschiv Alina-Nicoleta, Sfirloagă Loredana-Mirela, **Băjenaru Maria-Florentina**, Șerban Maria-Diana, Dima Milica, (2022). *RESEARCH ON THE BEHAVIOR OF SOME GENOTYPES OF GARDEN BEANS ON THE SANDY SOILS OF SOUTHERN OLTENIA*, Annales of the University of Craiova, series Biology, Horticulture, Agricultural Products Processing Technology, Environmental Engineering, Vol. 27 No. 63 (2022), I.S.S.N 1435-1275.
8. Sfirloagă Loredana Mirela, Nanu Ștefan, Diaconu Aurelia, Șerban Maria Diana, **Băjenaru Maria-Florentina**, Bîrsoghe Cristina, Frătușu Felicia, Dima Milica, (2022). *THE BEHAVIOR OF SOME TOMATO GENOTYPES UNDER CONDITIONS OF THERMAL-HYDRIC STRESS IN THE SANDY SOILS AREA*, Annales of the University of Craiova, series Biology, Horticulture, Agricultural Products Processing Technology, Environmental Engineering, Vol. 27 No. 63 (2022), I.S.S.N 1435-1275.
9. Nanu Ștefan, Paraschiv Alina-Nicoleta, Sfirloagă Loredana Mirela, Diaconu Aurelia, Frătușu Felicia, Ciuciu Elena, **Băjenaru Maria-Florentina**, Bîrsoghe Cristina, Șerban Maria, (2022). *THE EVOLUTION OF THE WATERMELONS CULTURE OVER TIME*, Annales of the University of Craiova, series Biology, Horticulture, Agricultural Products Processing Technology, Environmental Engineering, Vol. 27 No. 63 (2022), I.S.S.N 1435-1275.
10. **Maria-Florentina Băjenaru**, Irina Titrică, Iulian Rățoi, (2022). *RESEARCH ON THE BEHAVIOR OF SOME VINE CULTIVARS WITH RED GRAPES IN THE SANDY SOIL AREA OF SOUTH OLTENIA*, Annales of the University of Craiova, series Agriculture -Montanology -Cadastre, Vol. 52/1/2022, pp. 37-42.
11. **Băjenaru Maria-Florentina**, Diaconu Aurelia, Nanu Ștefan, Bîrsoghe Cristina, Paraschiv Alina, Sfirloagă Loredana, Dima Milica, Rățoi Iulian, (2022). *THE BEHAVIOR OF SOME VINE VARIETIES WITH WHITE GRAPES IN THE AMPELOGRAPHIC COLLECTION OF SCDCPN DĂBULENI*, Annales of the University of Craiova, series Biology, Horticulture, Agricultural Products Processing Technology, Environmental Engineering, Vol. 27 No. 63 (2022), I.S.S.N 1435-1275.
12. **M.F. Băjenaru**, A.N. Paraschiv, C. Bîrsoghe, M.D. Șerban and I. Rățoi, (2022). *RESEARCH CONCERNING THE BEHAVIOR OF TABLE GRAPE CULTIVARS GROWN ON THE SANDY SOILS OF SOUTHERN OLTENIA*, Romanian Journal of Horticulture, Volume III, 2022: 171-178, On line ISSN 2734 – 8083, PRINT ISSN 2734 – 7656, DOI 10.51258/RJH.2022.20.
13. Netcu Florentina, Titrică Irina, Dima Milica, **Băjenaru Maria**, 2021. *Preliminary results regarding the behavior of some currant cultivars on the sandy soils from the south of Oltenia*, Annales of the University of Craiova, Agriculture – Montanology – Cadastre series (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. 51/1/2021.
14. Drăghici Reta\*, Drăghici Iulian, Ciurescu Georgeta, Matei Gheorghe, Paraschiv Mirela, Croitoru Mihaela, Paraschiv Alina Nicoleta, **Băjenaru Maria Florentina**, Dima Milica, Dragomir Mereanțu Cristina, 2021. *THE REACTION OF SOME COWPEA GENOTYPES TO THE THERMOHYDRIC CONDITIONS FROM THE AREA OF SANDY SOILS IN THE SOUTH OF OLTENIA*, ANNALS OF THE UNIVERSITY OF CRAIOVA, Series: Biology, Horticulture, Food products processing technology, Environmental engineering, Vol. XXVI (LXII) - 2021 DOI: 10.52846/bhfe.26.2021.11.
15. Iulian Drăghici, Reta Drăghici, Aurelia Diaconu, **Maria-Florentina Băjenaru**, Alina-Nicoleta Paraschiv, Mihaela Croitoru, Milica Dima, *STUDIES ON THE IMPLICATIONS OF THE HARVESTING PHASE, IN REALIZATION OF THE PRODUCTION COMPONENTS FOR SWEET SORGHUM*, Engineering Hunedoara. – INTERNATIONAL JOURNAL OF ENGINEERING Tome XIX [2021] | Fascicule 2 [May], pag. 89-94, ISSN 1584 – 2665 (printed version); ISSN 2601 – 2332 (online); ISSN-L 1584 – 2665.
16. Drăghici Iulian\*, Drăghici Reta, Matei Gheorghe, Paraschiv Mirela, Croitoru Mihaela, Dima Milica, **Băjenaru Maria Florentina**, *STUDIES ON THE NUTRITION OF THE SORGHUM PLANT FOR GRAINS BY APPLYING NON-POLLUTING FERTILIZERS FOR THE ENVIRONMENT*, ANNALS OF THE UNIVERSITY OF CRAIOVA, Series: Biology, Horticulture, Food products processing technology, Environmental engineering, Vol. XXVI (LXII) - 2021, DOI: 10.52846/bhfe.26.2021.10.

17. Iulian Rățoi, **Maria Florentina Băjenaru**, Alina Nicoleta Paraschiv, *QUANTITATIVE AND QUALITATIVE POTENTIAL OF VINE VARIETIES FOR WHITE WINES NEWLY INTRODUCED IN THE AMPELOGRAPHIC COLLECTION ON THE SANDY SOILS OF SOUTHERN OLTENIA*, ANNALS OF THE UNIVERSITY OF CRAIOVA, Series: Biology, Horticulture, Food products processing technology, Environmental engineering, Vol. XXVI (LXII) – 2021 DOI: 10.52846/bhfe.26.2021.24.
18. Iulian Drăghici, Reta Drăghici, Aurelia Diaconu, **Maria-Florentina Băjenaru**, Alina Nicoleta Paraschiv, Mihaela Croitoru, Milica Dima, 2020. *Studies on the implications of the harvesting phase, in realization of the production components for sweet sorghum*. ISB-INMA TEH, Agricultural and Mechanical Engineering, Print: ISSN 2344 - 4118, CD-ROM: ISSN 2344 – 4126, Online: ISSN 2537 – 3773, ISSN-L 2344 – 4118, pag 808-813, Bucuresti 2020. Volume\_Symposium\_2020.pdf (inma.ro.).
19. Drăghici Iulian, Drăghici Reta, Croitoru Mihaela, Diaconu Aurelia, **Băjenaru Maria Florentina**, Dima Milica, *STUDIES ON THE IMPLICATIONS OF FERTILIZATION AND PLANT NUTRITION SPACE ON GRAIN SORGHUM PRODUCTION COMPONENTS IN SANDY SOIL CONDITIONS*, Annals of the University of Craiova, Vol. XXV (LXI) – 2020, ISSN 1453 – 1275, pg. 340-345.
20. Stoica Maria Milioara, Drăghici Iulian, Drăghici Reta, Constantinescu Mircea, Croitoru Mihaela, Paraschiv Alina Nicoleta, **Băjenaru Maria Florentina**, *BEHAVIOR OF MAIZE TO THERMOHYDRICAL STRESS IN THE AREA OF SANDY SOILS, ACCORDING TO THE FERTIRIGATION REGIME*, Annals of the University of Craiova, Vol. XXV (LXI) – 2020, ISSN 1453 – 1275, pg. 537-542.
21. **Maria Florentina Băjenaru**, Reta Drăghici, Iulian Drăghici, Mihaela Croitoru, Maria Milioara Stoica, Milica Dima, *RESEARCH ON THE INFLUENCE OF NUTRITION ON THE PRODUCTION OF BIOMASS OBTAINED FROM SUGAR SORGHUM ON SANDY SOILS OF SOUTHERN OLTENIA*, Annals of the University of Craiova, Vol. XXV (LXI) – 2020, ISSN 1453 – 1275, pg. 259-264.
22. Drăghici I., Drăghici R., Constantinescu M., Croitoru M., Stoica M.M., Paraschiv A., **Băjenaru M.F.**, 2019. *Research on fertirigation implications on grain sorghum cultivated under thermohydric stress conditions* / ISB-INMA TEH, Agricultural and Mechanical Engineering, Print: ISSN 2344 - 4118, CDROM: ISSN 2344 – 4126, Online: ISSN 2537 – 3773, ISSN-L 2344 – 4118, pag 718-725, Bucuresti 2019.
23. Elena Ciuciuc, Iulian Drăghici, Reta Drăghici, Mihaela Croitoru, **Maria Florentina Băjenaru**, 2019. *The behavior of varieties of Jerusalem artichoke on the sandy soils from south of Oltenia*. Annals of the University of Craiova-Agriculture Montanology, Cadastre Series, Vol. 49, No 1/2019; ISSN: 1841-8317, pg. 52-87.
24. Drăghici Iulian, Drăghici Reta, Croitoru Mihaela, Diaconu Aurelia, **Băjenaru Maria**, Ciuciuc Elena, Dima Milica, 2019. *Research on the efficacy and selectivity of some herbicides applied to grain sorghum*. Annals of the University of Craiova-Agriculture Montanology, Cadastre Series, Vol. 49, No 1/2019; ISSN: 1841-8317, pg. 75-82.

#### Promotional publications

1. **Maria-Florentina Băjenaru**, 2024. THE BEHAVIOR OF THE VINEYARD VARIETY "BRUMĂRIU" IN THE SANDY SOIL CONDITIONS OF THE SOUTH OF OLTENIA. The offer of scientific research for technological transfer in agriculture, food industry and forestry, Vol. XXVII, Publishing House Ceres, ISSN 1844-0355 (in progress of publication).
2. **Maria-Florentina Băjenaru**, 2023. THE BEHAVIOR OF THE "NOVAC" VARIETY IN THE SANDY SOIL CONDITIONS OF SOUTH-WEST OLTENIA. The offer of scientific research for technological transfer in agriculture, food industry and forestry, Vol. XXVI, Publishing House Ceres, ISSN 1844-0355 (in progress of publication).

#### Publications in the annals of RDSPCSS Dăbuleni

1. **BĂJENARU Maria-Florentina**, Bîrsoghe Cristina, RĂȚOI Iulian, 2023. ASSESSMENT OF THE PRODUCTIVE AND QUALITATIVE POTENTIAL OF SOME VARIETIES WITH WINE GRAPES FROM THE SANDY SOIL AREA, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 26/2023, ISSN 2360-0829, ISSN-L 2360-0829.
2. Alina-Nicoleta PARASCHIV, Reta DRĂGHICI, Cristina BÎRSOGHE, Milica DIMA, **Maria-Florentina BĂJENARU**, 2022. Dynamics of some physiological processes in bean culture under conditions of thermohydric stress. Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 25/2022, ISSN 2360-0829, ISSN-L 2360-0829.
3. Militia DIMA, Reta DRĂGHICI, Ștefan NANU, Gheorghe COTEȚ, Florentina NETCU, Alina-Nicoleta PARASCHIV, **Maria-Florentina BĂJENARU**, 2022. Brâncoveana, a new peanut variety obtained at SCDCPN Dăbuleni. Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 25/2022, ISSN 2360-0829, ISSN-L 2360-0829.

4. BÎRSOGHE Cristina, PARASCHIV Alina-Nicoleta, NANU Ștefan, ILINA Maria-Diana, **BĂJENARU Maria-Florentina**, FRĂTUȘU Felicia-Constantina, COTEȘ Gheorghe, (2022). RESEARCH ON THE BEHAVIOR OF SOME GARDEN PEA GENOTYPES UNDER THE CONDITIONS OF CLIMATE CHANGE IN SOUTHERN OLTENIA, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 25/2022, ISSN 2360-0829, ISSN-L 2360-0829.
5. **BĂJENARU Maria-Florentina**, NANU Ștefan, NETCU Cornel, RĂȚOI Iulian, DIMA Milica, COTEȘ Gheorghe, (2022). RESEARCH ON THE PRODUCTION AND QUALITY OF SOME VARIETIES OF TABLE GRAPES ON THE SANDY SOILS OF SOUTHERN OLTENIA, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 25/2022, ISSN 2360-0829, ISSN- L 2360-0829.
6. DIMA Milica, DRĂGHICI Reta, CROITORU Mihaela, NETCU Florentina, **BĂJENARU Maria**, 2021. PRELIMINARY RESULTS REGARDING THE BEHAVIOR OF THE SPECIES MOMORDICA CHARANTIA ON THE SANDY SOILS OF SOUTHERN OLTENIA, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 24/2021 .
7. Bîrsoghe Cristina, Ciuciuc Elena, Nanu Ștefan, **Băjenaru Maria-Florentina**, Paraschiv Alina-Nicoleta, 2021. THE ATTACK OF OSTRINIA NUBILALIS ON THE CORN CULTURE, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 24/2021.
8. Rățoi Iulian, **Băjenaru Maria-Florentina**, 2021. SOIL MOISTURE DYNAMICS DEPENDING ON THE MAINTENANCE METHOD AND THE QUANTITY OF PRECIPITATION IN VITICUS PLANTATIONS ON SANDY SOILS, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 24/2021.
9. **BĂJENARU Maria-Florentina**, RĂȚOI Iulian, 2021. RESEARCH ON THE USE OF LEAF FERTILIZERS IN VINE CULTURE / RESEARCH ON THE USE OF LEAF FERTILIZERS IN VINE CULTURE, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, Volume 24/2021.
10. **BĂJENARU Maria-Florentina**, DRĂGHICI Iulian, DRĂGHICI Reta, PARASCHIV Alina Nicoleta, CROITORU Mihaela, STOICA Maria-Milioara, 2020. Research on the harvesting epoch at sweet sorghum cultivated under conditions of sandy soils in sandy soils conditions, Annals of the Research-Development Station for Plant Culture on Dăbuleni Sands, vol. 23 / 2020, Sitech Craiova Publishing House, ISSN 2360-0829, pp. 6-12.

#### Approved technologies, resulting from the completion of research projects

1. Iulian Drăghici, Reta Drăghici, Aurelia Diaconu, Mihaela Croitoru, Alina Nicoleta Paraschiv, Elena Ciuciuc, Milica Dima, Iulian Rățoi, **Maria-Florentina Băjenaru**, Daniel Ciuciuc, *The technology of growing sorghum for grains on the sandy soils of southern Oltenia*, ISBN : 978-606-14-1733-9, University Publishing House, Craiova, 2021.
2. Reta Drăghici, Iulian Drăghici, Aurelia Diaconu, Mihaela Croitoru, Alina Nicoleta Paraschiv, Milica Dima, Elena Ciuciuc, Iulian Rățoi, **Maria Florentina Băjenaru**, Daniel Ciuciuc, *Sugar sorghum cultivation technology on the sandy soils of southern Oltenia*, ISBN: 978 -606-14-1732-2, University Publishing House, Craiova, 2021.
3. Elena Ciuciuc, Milica Dima, Iulian Rățoi, Iulian Drăghici, Reta Drăghici, Aurelia Diaconu, Mihaela Croitoru, Alina Nicoleta Paraschiv, **Maria Florentina Băjenaru**, Daniel Ciuciuc, *Jerusalem artichoke cultivation technology on sandy soils in southern Oltenia*, ISBN 978-606 -14-1734-6 University Publishing House, Craiova, 2021.

### Activity memory

The undersigned, Băjenaru Maria-Florentina, - Scientific researcher, I carry out my activity within the Laboratory of Cultivation of Plants on Sands - Climate Change, Horticulture Collective, from the Development Station for Plant Culture on Sands Dăbuleni. In June 2019, I participated in the competition for the position of scientific research assistant (ACS), organized at R.D.S.P.C.S.S. Dăbuleni, passing the exam, within the PN III COMPLEX PROJECT: "Complex systems for the integral utilization of some agricultural species with energy and food potential" (VALINTEGR). Contract no. 9PCCDI/2018. I participated in the realization of the following projects:

-Project 1.1.6. 563/1.1.6.15.03.2023 "Completing the viticultural germplasm fund by obtaining clonal selections with high economic value"

-COMPLEX PROJECT PN III: "Complex systems for the integral utilization of some agricultural species with energy and food potential" (VALINTEGR). Contract no. 9PCCDI/2018. G. H. 1736/10.10.2018 "Study in the ampelographic collection of new varieties of vines with wine grapes, table grapes and raisins and the development of innovative technologies in order to reduce the negative impact of climate change on sandy soils"

-ADER project 7.3.4. "Research on in vitro selection to identify, multiply and promote sweet potato genotypes with tolerance to thermohydric stress".

-ADER project 1.4.2. "Restoring the production capacity and protection of agroecosystems in the area of sandy soils by promoting in culture some plant species tolerant to thermohydric stress, beans, sorghum, rye".

-ADER project 7.3.1.5. "Establishing measures and means of integrated prevention and control of the pest Tuta absoluta, the mining moth in tomato crops in protected areas.

-ADER project 4.1.1. "Obtaining new potato varieties with superior response capacity to abiotic and biotic stress by using the genetic determinism of some tolerance characters"

In 2022, I took and passed the exam for the position of Scientific Researcher.

In 2022 I coordinated Research Project no. 1736/10.10.2018, with the title "Study in the ampelographic collection of new varieties of vines with wine grapes, table grapes and raisins and the development of innovative technologies in order to reduce the negative impact of climate change on sandy soils" financed from the state budget through MADR, taking place in the period 2018-2022. The conducted research aimed at the following objectives:

- Improving the current assortment on sandy soils with table grape varieties, raisin grape varieties and new varieties for red, white and rosé wines;

- Improving some technological sequences related to soil maintenance and fertigation;

- Establishing the nutritional quality of wine products depending on the technological factors applied, in the context of sustainable agriculture, environmental protection and climate change.

I am currently working within the budgeted project 563/1.1.6.15.03.2023 "Completing the viticultural germplasm fund by obtaining clonal selections with high economic value", with the general objective: "Genetic resources, creative and conservative improvement" and the specific objective: "Diversification of the assortment of agricultural species cultivated on sandy soils, their promotion and maintaining the varietal purity of own varieties through conservative selection" and within the ADER project 6.3.14. "Research on the development of innovative culture technologies in the production of rootstocks and viticultural planting material" as project manager.

In the research activity, I perfected my knowledge and professional skills, participating in national scientific events. I have prepared and published scientific papers.

March, 2025

Ing. BĂJENARU Maria Florentina,  
Scientific Researcher