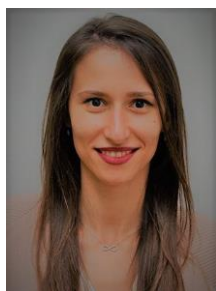


## PERSONAL INFORMATION



## Nadica Sandeva Atanasova

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Sex F | Date of birth 24.02.1990 | Nationality Macedonian

## WORK EXPERIENCE

Business or sector Higher Education

2018-present **Assistant**  
**Faculty of Agricultural Sciences and Food (FASF)**, Skopje, University "Ss Cyril and Methodius",  
Department of Genetics and Plant Breeding.  
Practicals on *Genetics*, *Contemporary Genetic Methods*, and *Conservation of Plant Biodiversity*

2012-2016 **Teaching and research associate**  
**Faculty of Agricultural Sciences and Food (FASF)**, Skopje, University "Ss Cyril and Methodius",  
Department of Genetics and Plant Breeding.  
Practicals on *Genetics*

Business or sector Government

2014-2018 **Administration Officer**  
**Agency for Financial Support of the Agriculture and Rural Development (AFSARD) - Sector for control**  
Performing on-the-spot control to legal and natural persons who are applicants or beneficiaries of the programs for financial support of the rural development financed by the budget of the Republic of N. Macedonia or the EU budget.

## EDUCATION AND TRAINING

2019-present **PhD Studies**  
▪ PhD studies in Genetics and Plant Breeding, Faculty of Agriculture, Skopje, Macedonia

2012-2016 **MSc Diploma**  
▪ MSc studies in Genetics and Plant Breeding, Faculty of Agriculture, Skopje, Macedonia

2008-2012 **BSc Diploma**  
• BSc studies in Vegetable and Flower Production, Faculty of Agriculture, Skopje, Macedonia

## PERSONAL SKILLS

Mother tongue(s) Macedonian

| Other language(s)                                                | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|------------------------------------------------------------------|---------------|---------|--------------------|-------------------|---------|
|                                                                  | Listening     | Reading | Spoken interaction | Spoken production |         |
| English                                                          | B2            | B2      | B2                 | B2                | B2      |
| Replace with name of language certificate. Enter level if known. |               |         |                    |                   |         |

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

Communication skills ▪ Excellent written and verbal communication skills.

Job-related skills ▪ Proficient in designing and conducting experiments of different crops, laboratory analyzes of cereal's quality, application of protein and DNA markers in different crops.

Computer skills ▪ Proficient with Microsoft Office programs, Outlook and Internet Explorer  
▪ Competent with specific software packages

Driving licence ▪ B

## ADDITIONAL INFORMATION

## Publications in international journals

- Ivanovska S., Jankulovska M., Boshev D., Sandeva Atanasova N. 2023. Pre-breeding assessment of Macedonian wheat germplasm diversity and yielding potential. *Macedonian Journal of Ecology and Environment*, 25(2): 119-124.
- Jankulovska M., Ivanovska S. and Sandeva Atanasova N. (2021). Morphological variability of seed qualitative and quantitative traits in Macedonian runner bean local cultivars. *Acta Hort.* 1320, 41-48
- Sandeva Atanasova, N., Jankulovska M. and Ivanovska S. (2021). Genetic diversity of Macedonian embroidered pepper (*Capsicum* spp.) based on fruit morphological traits. *Acta Hort.* 1320, 33-40
- Sandeva Atanasova, N., Ivanovska, S., & Jankulovska, M. (2021). Variability of fruit traits in Macedonian embroidered pepper genotypes. *Macedonian Journal of Ecology and Environment*, 23(1), 17–23.
- Sandeva Atanasova N., Jankulovska Mirjana, Jankuloski Ljupcho, Ivanovska Sonja, Bosev Dane. (2019). Molecular Characterization of Genes for Quality Traits in Macedonian Wheat Genotypes (*Triticum aestivum* L.). *JAFES* 73(3): 46-54.
- Jankulovska M., Ivanovska S., Sandeva Atanasova N., (2019): Macedonian Autochthonous Varieties: Embroidered Peppers (*Capsicum Annuum* L.). *JAFES* 73(2): 75-82.

## Publications in other journals

- **Sandeva Nadica, (2013):** Genetic transformation in decorative plants. *JAFES* 61: 86-97. (In Macedonian).

## Published books

- Ivanovska S., Jankulovska M., **Sandeva Atanasova N.** (2021). Macedonian priceless heritage: genetic diversity of beans (*Phaseolus* sp.): catalogue. Macedonian Ecological Society, 96 p. (published on English, Macedonian and Albanian language).

## Projects

## International:

- *Characterization and utilization of advanced wheat mutant lines for food and feed* financed by IAEA (2012-2017);
- *Genome wide diversity analysis of Balkan, Caucasian and Central Asian wheat for sustainable bread wheat production* financed by SCOPES (2014-2018);
- *Grain legume genetic resources and their potential use for sustainable agriculture*, Ministry of Education and Science (2017-2018);
- *Genetic improvement of Cucurbits and their potential use for new breeding programs*, Ministry of Education and Science (2018-2019);
- *Enhancing productivity and resilience to climate change of major food crops in Europe and Central Asia*, financed by IAEA (2020-2024)
- *Improving dry bean productivity and drought tolerance by use of nuclear techniques for induced mutations*, financed by IAEA (2022-2026).
- *Collection, multiplication and characterization of plant genetic resources*, financed by CGN (2022- )
- *Research on the diversity of vegetable genetic resources in BiH and North Macedonia*, Grant of Ministry of Civil Affairs of Bosnia and Herzegovina (2024-2026)

## National:

- *Valorization and promotion of agrobiodiversity through Macedonian local bean varieties*, financed by GIZ (2021).

## Symposia, Seminars, Presentations

## Training courses, summer schools and workshops

- 4th International Symposium for Agriculture and Food – ISAF 2022, organized by the Faculty of Agricultural Sciences and Food, Skopje, 14-15.10.2022, On-line, Macedonia, poster presentation
- Training course on advanced phenotyping, STATE-OF-ART TOOLS AND APPROACHES IN PLANT PHENOTYPING, part of ECOBREED (increasing the efficiency and competitiveness of organic crop breeding) a European Union Horizon 2020 project, led by the Agricultural Institute of Slovenia (KIS), 24-25.05.2021
- VIII South Eastern Europe Symposium on vegetables and Potatoes, organized by ISHS (oral presentation), 24-26.9.2021, Ohrid, Macedonia, on-line
- Regional training course on plant mutation breeding and efficiency enhancing techniques to increase resilience to climate change, held from IAEA Headquarters, Vienna, Austria, Virtual event, 14-24.06.2021.
- Regional training course on plant mutation breeding and associated biotechnologies, held from IAEA Headquarters, Vienna, Austria, Virtual event, 06-10.12.2021.
- Training course on Advanced phenotyping, STATE-OF-ART TOOLS AND APPROACHES IN PLANT PHENOTYPING, part of ECOBREED (increasing the efficiency and competitiveness of organic crop breeding) a European Union Horizon 2020 project, led by the Agricultural Institute of Slovenia (KIS), 24-25.05.2021.
- Summer Field School: Mountain Ecosystems and Resource Management, organized by The Grassroots Institute, Canada, Virtual event, 19-28.9.2021.
- Regional training course on plant mutation breeding and efficiency enhancing techniques to increase resilience to climate change, held from IAEA Headquarters, Vienna, Austria, Virtual event, 14-24.06.2021.
- Regional training course on plant mutation breeding and associated biotechnologies, held from IAEA Headquarters, Vienna, Austria, Virtual event, 06-10.12.2021.
- Regional training course on molecular techniques for crop improvement of mutant populations held from IAEA Headquarters, Vienna, Austria, Virtual event, 01-05.08.2022.
- Summer Field School: Mountain Ecosystems and Resource Management, organized by The Grassroots Institute, Canada, Virtual event, 19-28.9.2021.
- Virtual Workshop on Innovative Biotechnologies and Regulatory Approaches, organized by The Department of State and the United States Department of Agriculture's Foreign Agricultural Service at the U.S. Embassy in Rome, 08-09.06.2021.
- Virtual Workshop on Capsicum conservation strategy, organized by World Vegetable Center, Taiwan, 11.01.2022.
- Training Course on Mutation Breeding and Associated Biotechnologies for Crop Improvement held from IAEA Headquarters, FASF, Skopje, North Macedonia, 31.08. – 04.09.2022.
- Regional training course on field experimental design and data analysis for the advancement of mutant populations held from IAEA Headquarters, Vienna, Austria, Virtual event, 21.11 – 02.12.2022.
- Summer Field School on Mountain Ecosystems & Resource Management, organized by The Grassroots Institute in Bükk National Park in Hungary, Virtual participation, 10-20.09.2023.
- 3rd joint MAAA-MAME Workshop for young scientists on publishing ethics and writing scientific papers, held from MAAA and MAME at the Faculty of Philosophy Ss Cyril and Methodius University–Skopje, 15.06.2023.