

PERSONAL INFORMATION

Anita Martić

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WORK EXPERIENCE

- 11/2021-present **Plant protection technologist**
"13 jul Plantaže" (<http://www.plantaze.com>), Podgorica (Montenegro)
- 03/2013-11/2021 **Professional associate for fruit and viticulture production**
"13. jul Plantaže" (<http://www.plantaze.com>), Podgorica (Montenegro)
Sector for Development
- 09/2011-12/2012 **Research associate on the Project SEE-ERA.NET Plus 91/01**
Biotechnical faculty, University of Montenegro, Podgorica (Montenegro)

EDUCATION AND TRAINING

- 11/2021-ongoing **PhD studies in Sustainable Development**
University of Montenegro, Centre for doctoral studies
- 10/2010–06/2011 **Master of Science in Sustainable Agriculture, MSc**
Mediterranean Agronomic Institute of Chania (MAICh), Chania, Crete (Greece)
Master thesis title: "Identification of Citrus tristeza virus (CTV) in Crete, standardization and optimization of detection techniques and nucleotide sequence analysis of Greek isolate of CTV"
Graded with "A" with honors (cum maxima laude)
- 10/2009-06/2010 **Post graduated specialization diploma in Sustainable Agriculture, DSPU**
Mediterranean Agronomic Institute of Chania (MAICh), Chania, Crete (Greece)
Total grade 9.55 (out of 10.00)
- 10/2008-06/2009 **Specialization in Plant protection, SPEC. SCI**
Biotechnical faculty, University of Montenegro, Podgorica (Montenegro)
Total grade 9.91 (out of 10.00)
- 10/2005-06/2008 **Bachelor of Science in Plant production, BSc**
Biotechnical faculty, University of Montenegro, Podgorica (Montenegro)
Total grade 9.34 (out of 10.00)
- 02-10/2017 **Horizont 2020 Training for development and implementation of project ideas**
Ministry of Science, Podgorica (Montenegro)
- 05/2013 **COST action FA1003 training course "Phenotyping for Vitis resistance to fungal disease, virus and phytoplasma diagnosis"**
Julius Kuhn Institute Geilweilerhof (Sienbeldigen – Germany), INRA (Colmar – France)

PERSONAL SKILLS

Mother tongue(s) Montenegrin

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
TOEFL ITP					

Job-related skills	Training and work in the biotechnology and virology laboratory: Molecular methods: RT – PCR, variants of PCR (Spot capture RT-PCR, Printcapture RT-PCR, Immune capture RTPCR), Hybridisation, Cloning, Sequencing analysis, RNA extraction (from total RNA, from double stranded – dsRNA); Serological methods: ELISA assay, Western blot; Spectrophotometer, Gel electrophoresis... Bioinformatics tools: Multiple alignments and phylogenetic analyses with Clustal W program and TreeView software; BLAST server on the NCBI Web server; Vector NTI program; Chromas Lite 2.01-reading the chromatograph and turning sequences in reverse complement; aligning nucleotide or protein sequences: EMBOSS Pairwise Alignment Algorithms.
Computer skills	Computer literate: good command in Microsoft Office (Word, Excel, Power Point), internet; SPSS (software package used for statistical analysis)
Driving licence	B

ADDITIONAL INFORMATION

Workshops	CEI-JRC-EC-ICGEB European Workshop "A smart specialization strategy in the field of biotechnology in Europe: Challenges for CEE region " 04.-06.09.2017., Bratislava (Republic of Slovakia) Workshop "Advanced management of autochthonous grapevine varieties", (September, 2012) Faculty of Agriculture, University of Zagreb (Republic of Croatia)
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PROJECTS

Associate on H2020 project "Traceability at wine industry through integrated labelling of typicality, health protection effect and organoleptic attributes - TRACEWINDU" (2021-2025)

Associate on project "Vitalising ICT Relevance in Agricultural Learning – VIRAL", co-funded by the European Community under the ERASMUS PLUS program.

Associate on H2020 project "Building an Interoperable, Data-Driven, Innovative and Sustainable European Agri - Food Sector - DEMETER" (2019-2023)

MC Substitute on COST action – CA 17111 Data integration to maximize the power of omics for grapevine improvement (2018-2022)

Participant within Vitis working group on the project "Enhancing quality and quantity of Vitis genetic resources in AEGIS - AEG-VIT-IS" (2019-2021)

Associate on Project "Genetic diversity of grapevine in Montenegro - cooperation with ICVV "Instituto de Ciencias de la Vid y del Vino", La Rioja, Spain" (2013-2021)

Associate on H2020 project: TagItWin Pilot for Brand Protection and Anti-Counterfeiting in Wine Industry – TagItSmart (2017 – 2018)

Associate on EUREKA project "New Functional Fruit Juices Affecting Consumer Health" – PROBEV, international project (2016-2019)

Associate on Project "Examination of nanoparticles influence in order to increase resistance to water stress in variety Vranac at different grapevine rootstocks", bilateral cooperation with Republic of Serbia (2016-2018)

Participant within Vitis Working Group on Project "On farm inventory of minor grape varieties in the European Vitis Database - GrapeOnFarm", ECPGR (2017)

Associate on IPA project "Affirmation of grape growing regions and wine making sector through the promotion of wine culture in Montenegro" within IPA grant scheme "Transfer of knowledge between the higher education, research and industry" (2016-2017)

Associate on National project "Ecophysiological and molecular aspects of the synthesis and flavanols polymerization in grapevine varieties Cabernet sauvignon and Vranac, and their impact on wine quality", cooperation with Faculty of Agriculture in Milan, Italy (2012-2015)

Participant on COST action FA1003 (East-West Collaboration for Grapevine Diversity Exploration and Mobilization of Adaptive Traits for Breeding) (2012-2014)

Associate on EUREKA project "Sustainable and innovative use of wastes from grape and fruit processing" (2012-2014)

Associate on SEE.ERA Net Plus Project 91/01 "Preservation and establishment of true-to-type and virus free material of endangered varieties of grapevine in Croatia and Montenegro" (2010-2012)

Seminars

Possibilities of Montenegro to apply for EU funding, ideas and open calls for the proposals, Example Cross border cooperation program (October, 2011. Podgorica).

Memberships

Member of the Organizing Committee of the First International Conference on Vranac and other autochthonous grapevine varieties in Montenegro (November 20-22, 2017, Podgorica, Montenegro)

Member of Working Group III for accession to EU - Agriculture, food safety, veterinary and phytosanitary policy and fisheries (NKEI 2013-2014)

CONFERENCES

International Congress on Grapevine and Wine Science (Logroño - La Rioja, Spain, November 7-9, 2018)

International GEA - Geo Eco-Eco Agro 2018 (Podgorica, Montenegro, November 1-2, 2018)

International Scientific Conference on the occasion of 130 years of viticulture and winemaking in BiH (Mostar, September 21-22, 2018)

The First International Conference on Vranac and Other Montenegrin Autochthonous Grapevine Varieties (Podgorica, Montenegro, November 20-22, 2017)

40th World Congress of Vine and Wine and the 15th General Assembly of the International Organization of Vine and Wine – OIV (Sofia, Bulgaria, 29.05-02.06.2017)

Conference "I am Tribidrag" (Split, Croatia, April 27-28, 2017)

Conference on Technology transfer between science and industry, organized by the Federal Ministry of Science and Research of the Federal Republic of Germany (Podgorica, Montenegro April 11-12, 2017.)

Round table "Genetic resources in agriculture and forestry of Montenegro" GENRES organized by the Montenegrin Academy of Sciences and Arts – CANU (February 28, 2017)

Fifth International Scientific Agricultural Symposium "Agrosym 2014" (Jahorina, Bosnia and Herzegovina, October 23-26, 2014)

Progress in Vitis Vinifera Diversity Evaluation and Use: Final COST ACTION FA1003 GRAPENET Conference (Oeiras – Lisbon, Portugal, October 7-9, 2014)

7th Central European Congress on Food - CEFood (Ohrid, Macedonia, May 21-24, 2014)

PUBLICATIONS

- Radovan Stojanović, Jovan Đurković, Vesna Maraš, Sanja Radonjić, **Anita Martić**, *Katarina Pavićević*, *Vasilije Mirović*, *Miljan Cvetković* (2021). A Feasible IoT-Based System for Precision Agriculture, *10th Mediterranean Conference on Embedded Computing (MECO)*, Publisher IEEE, DOI: 10.1109/MECO52532.2021.9460168.
- Vesna Maraš, Javier Tello, **Anita Gazivoda**, Milena Mugoša, Mirko Perišić, Jovana Raičević, Nataša Štajner, Rafael Ocete, Vladan Božović, Tatjana Popović, Enrique García-Escudero, Miodrag Grbić, José Miguel Martínez-Zapater & Javier Ibáñez (2020). Population genetic analysis in old Montenegrin vineyards reveals ancient ways currently active to generate diversity in *Vitis vinifera*. *Scientific Reports*, 10:15000. DOI: 10.1038/s41598-020-71918-7.
- Stevan Čakić, Tomo Popović, Stevan Šandi, Srđan Krčo, **Anita Gazivoda** (2020). The Use of Tesseract OCR Number Recognition for Food Tracking and Tracing. *International Scientific-Professional Conference on Information Technology (IT)* DOI: 10.1109/IT48810.2020.9070558.
- V. Maraš, M. Mugoša, J. Raičević, **A. Gazivoda**, M. Perišić (2020). Viticultural zoning and grapevine diversity in Montenegro - base for mitigation climate change. *Proceedings at GEA (Geo Eco-Eco Agro) International Conference 28-31 May 2020, Podgorica, Montenegro*.
- V. Maraš, **A. Gazivoda**, J. Račević, M. Mugoša, M. Perišić, T. Popović (2019). Characterization and conservation of genetic heritage of grapevine varieties in Montenegro. *In the Book of abstracts at 42nd Congress of Vine and Wine 17th General Assembly of the OIV, Geneva, Switzerland*, p. 397.
- E. Maul, T. Schreiber, F. Carka, J. Cunha, J.E.J. Eiras Dias, M. Gardiman, **A. Gazivoda**, D. Ivanišević, L. Koop, E. Lipman, L. Maggioni, E. Maletić, V. Maraš, M.C. Martinez, G. Muñoz Organero, D. Nikolić, F. Regner, F. Röckel, A. Schneider, R. Töpfer, G. Zdunić, M. Ziegler and T. Lacombe (2019). Preservation via utilization: minor grape cultivars on-farm. *Acta Horticulturae. Proc. XII International Conference on Grapevine Breeding and Genetics. ISHS 2019*. DOI 10.17660/ActaHortic.2019.1248.8
- V. Maraš, M. Mugoša, T. Popović, **A. Gazivoda**, J. Raičević, M. Perišić (2018). Rad na valorizaciji genetičkih resursa vinove loze u Crnoj Gori. *In Zbornik radova „130 godina organiziranoga vinogradarstva i vinarstva u Bosni i Hercegovini“*, Mostar, pp.16-25
- V. Maraš, M. Mugoša, S. Vujičić, J. Raičević, **A. Gazivoda** (2017). "Importance of autochthonous grapevine varieties for Montenegrin winegrowing and winemaking sector and company "13. jul Plantaže". *Proceedings at The First International Conference on Vranac and Other Montenegrin Autochthonous Grapevine Varieties 20-22.11.2017. Podgorica, Montenegro*. p: 1.
- J. M. Martinez-Zapater, V. Maraš, J. Raičević, **A. Gazivoda**, E. G. Escudero, M. Grbić and J. Ibáñez (2017). "The history written in the grapevine genome: The case of Montenegrin varieties". *Proceedings at The First International Conference on Vranac and Other Montenegrin Autochthonous Grapevine Varieties 20-22.11.2017. Podgorica, Montenegro*. p: 9.
- V. Maraš, J. M. Martinez-Zapater, **A. Gazivoda**, T. Popović, V. Božović, R. Ocete, E. G. Escudero, N. Štajner, M. Grbić and J. Ibáñez (2017). "Grapevine genetic diversity in Montenegro". *Proceedings at The First International Conference on Vranac and Other Montenegrin Autochthonous Grapevine Varieties 20-22.11.2017. Podgorica, Montenegro*. p: 58.
- V. Maraš, M. Mugoša, V. Kodžulović, J. Raičević, **A. Gazivoda**, S. Šućur, M. Perišić, D. Raičević, T. Popović, M. Čizmović (2017). "Clonal selection of autochthonous grapevine varieties Vranac and Kratošija". *Conference Proceedings at The First International Conference on Vranac and Other Montenegrin Autochthonous Grapevine Varieties 20-22.11.2017. Podgorica, Montenegro*, p: 69.
- Vesna Maras, **Anita Gazivoda**, Milena Mugoša, Sanja Radonjić, Miroslav Čizmović, Mirko Perišić, Vesna Kodžulović (2017). Research on origin and genetic identification of Montenegrin grapevine variety Kratošija – synonyms: Zinfandel, Primitivo, Crljenak kaštelsanski. *40th World Congress of Vine and Wine and the 15th General Assembly of the International Organization of Vine and Wine (OIV), Sofia, Bulgaria 29 May to 2 June 2017*.
- Vesna Maraš, Vesna Kodžulović, Milena Mugoša, Jovana Raičević, **Anita Gazivoda**, Sanja Šućur, Mirko Perišić (2017). Clonal selection of autochthonous grape variety Vranac in Montenegro. In: Badnjević A. (eds) *CMBEBIH 2017. IFMBE Proceedings*, vol 62. Springer, Singapore
- Sanja Šućur, Vesna Maraš, Vesna Kodžulović, Jovana Raičević, **Anita Gazivoda**, Milena Mugoša, Ana Savović And Tatjana Košmerl (2015). Effect of microbiological and technological parameters on montenegrin red wines quality. *Book of Proceedings VI International Scientific Agricultural Symposium "Agrosym 2015" Jahorina, 15 - 18 October 2015, Bosnia and Herzegovina*. pp. 260-266.
- Vesna Maraš, Tatjana Popović, **Anita Gazivoda**, Jovana Raičević, Vesna Kodžulović, Milena Mugoša, Sanja Šućur (2015): Origin and characterisation of Montenegrin grapevine varieties, *VITIS - Journal of Grapevine Research*, [S.l.], v. 54, p. 135-137, aug. 2015. ISSN 23674156.
- Carolyn Owen, Matthaios Mathioudakis, **Anita Gazivoda**, Peter Gal, Nevena Nol, Katerina Kalliampakou, Angela Figas, Anais Bellan, Anais Iparaguirre, Luis Rubio And Ioannis Livieratos (2014). Evolution and molecular epidemiology of citrus tristeza virus on Crete: Recent Introduction of a Severe Strain. *Journal of phytopathology*, Vol. 162, no. 11-12. <https://doi.org/10.1111/jph.12266>.
- V. Maraš, V. Kodžulović, J. Raičević, **A. Gazivoda**, M. Perišić (2014). Influence of Different Rootstock on Grape and Wine Quality of Montenegrin Autochthonous Grapevine Cultivar 'Vranac'. *First International Symposium on Grapevine Roots held on 16th and 17th of October, 2014 in Rauscedo, Italy*.

- **Anita Gazivoda**, Ana Velimirovic, Vesna Maras, Jovana Raicevic, Sanja Sucur, Ana Pavicevic, Antonia Karagianni, Ioannis Livieratos (2014). Survey results of Citrus Tristeza Virus (CTV) in Crete and detection by direct Immunoprinting-ELISA method. *Fifth International Scientific Agricultural Symposium "Agrosym 2014"*.
- M. Shegani, D. Tsikou, A. Velimirovic, H. Afifi, A. Karayanni, **A. Gazivoda**, K. Manevski, I. Manakos and I. Livieratos (2012). Citrus tristeza virus on the island of Crete: A SURVEY AND DETECTION PROTOCOL APPLICATIONS. *Journal of plant pathology*. Vol. 94, no. 1, p. 71-78. DOI: 10.4454/jpp.fa.2012.003
- Vesna Maras, Milena Tomic, Vesna Kodzulovic, Sanja Sucur, Jovana Raicevic, Miroslav Cizmovic, **Anita Gazivoda** (2012). Agrobiological, technological and economic characteristics of Cabernet Sauvignon and Merlot clones in subregion Podgorica. *Proceedings 35th OIV Congress in Izmir, Turkey*.
- V. Maras, M. Tomic, V. Kodzulovic, S. Sucur, J. Raicevic, M. Cizmovic, **A. Gazivoda** (2012). Conservation, characterisation and improvement of Montenegrin autochthonous grapevine varieties. *Proceedings 35th OIV Congress in Izmir, Turkey*.
- Vesna Maras, Milena Tomic, **Anita Gazivoda**, Jovana Raicevic, Sanja Sucur, Vesna Kodzulovic, Ana Pavicevic (2012). Research on origin and genetic sanitary evaluation of autochthonous grapevine varieties in Montenegro. *Proceedings International symposium for agriculture and food, 12-14 december, 2012, Skopje*.