

Biljana Korunoska, PhD

Full Professor

UKIM Institute of Agriculture Skopje

Department of Viticulture

16-ta Makedonska brigada 3A, 1000 Skopje

Tel: +389 2 3230910

Fax: +389 2 3114283

e-mail: markovskabiljana@yahoo.com

Academic qualifications**2007. – Ph.D.**

UKIM Faculty of Agricultural Sciences and Food, Skopje

Ampelographical identification, research and collection of autochthonous grape cultivars in Republic of Macedonia

2001. – M.Sc.

UKIM Faculty of Agriculture, Skopje

The genotypic variation in table grape cultivars as a basis for their breeding

1996. – B.Sc.

UKIM Faculty of Agriculture, Skopje

Training and research experience

2022. Study and scientific stay for studying the chemical status of some types of vine seeds and medicinal plants. Training in accordance with IV. International Agricultural, Biological & Life Science Conference, August, Edirne, Turkey.

2019. Study stay at the University of Sofia and BAN, Balkan Genetic and Biological Resources, April, Sofia. R. Bulgaria.

2018. Study stay at the Center for Viticulture and Winemaking, December, CEVIN – Nis, Serbia.

2014. Training for applying for EU funds from the Horizon 2020 program (The EU Framework Program for Research and innovation and Enterprise Europe Network), May, Belgrade, Serbia.

2013. TAIEX Training, Expert Mission for Virology SPL, September, Skopje, R. Macedonia.

2013. Study stay and conference "Pest risk assessment" in "Better training for safer food" program, May 13-17, Vilnius, Lithuania.

2013. TAIEX training, Expert mission for laboratory control of pesticide formulations, April, Skopje, R. Macedonia.

2012. Training on quality assurance and measurement uncertainty for microbiology laboratories, within the framework of the SIDA project - Merck Milipore, October, Skopje, R. Macedonia.

2012. Training for officials, i.e. the top management of the institutions, conducted by the experts of the National Government School from

the Kingdom of Great Britain and Northern Ireland, May, Mavrovo, Republic of Macedonia.

2012. Training for laboratory information systems, within the SIDA project, trainer Bertli Ohlsson, March, Skopje, R. Macedonia.

2012. Training within EUPHRESKO–2, Phytosanitary ERA–NET, WP5 Program, AARHUS UNIVERSITY, February, Sofia, Bulgaria.

2011. Study stay within EUPHRESKO – 2, Phytosanitary ERA–NET, WP5 Program, AARHUS UNIVERSITY, March, Copenhagen, Denmark.

2010. Study stay for seed technology at the NAK seed testing laboratory, within the MATRA project and the Kingdom of the Netherlands, (G2G08/MK/8/3), trainer Mrs. Gerarda de Boer, June-July, NAK, The Netherlands.

2009. Training for management systems for quality and auditing within the MATRA project and the Kingdom of the Netherlands, (G2G08/MK/8/3), trainers Mr. Max Soepboer and Mrs. Anny van Pijlen, October, SPL Skopje, R. Macedonia.

2009. Training on the Implementation of Annex 5 for Plant Passports (Register of Operators), October, TAIEX, Skopje, R. Macedonia.

2009. Training for accreditation of laboratories according to ISO 17025, within the framework of the SIDA project, trainer Dr. Mikael Krysell, March, Skopje, R. Macedonia.

2008. Training for the implementation of the Regulations for the law on seed and planting material, TAIEX, October, Skopje, R. Macedonia.

2006. Study stay at the Viticultural Center for Genetic (DNA) Identification and Clonal Selection of Grape Vine Varieties, September-October, Gasenheim, Germany.

2006. CEI training "First workshop on the application of EU standards in agriculture and food production in the countries of the Western Balkans", within the "Quality Systems in Food Safety Program" project, April, Pirot, Serbia.

2004. Study stay at the Regional Mediterranean Agricultural Institute for Integrated Organic Agricultural Production, CIHEAM, September, Bari, Italy.

2003. Study stay at the Faculty of Agriculture, May, Timisoara, Romania.

2000. Study and research stay at the Faculty of Agriculture, Belgrade-Zemun, Serbia.

Workshops

2022. Workshop, Center for Scientific Research of the Faculty of Applied Sciences "Nikola Tesla Union - Belgrade", February in Nis, Serbia, (leader).

2022. Workshop, "Alcohol and teenagers" in OOU "Nevena Georgieva-Dunja", February, Skopje, R. Macedonia, (leader).

2019. Workshop, "Indigenous and regional grape varieties", September, CEVIN – Niš, Serbia, (leader).

2019. Workshop, Meeting – COST Action no CA17118. Workshop, Single cell genomics, February, Skopje, R.N. Macedonia, (participant).

2018. Workshop "Wine as culture or alcohol among minors" SGGU "Zdravko Cvetkovski", December, Skopje, R. N. Macedonia, (leader).

2018. Training and workshop; EU Legislation on Viticulture, November, Brussels, Belgium, (participant).

2018. Conference and workshop; Challenges and opportunities for the development of wine tourism in R. N. Macedonia. Organized by the Ministry of Economy and the Association for Wine Consultants and Educators KALEMENJE, November, Skopje, R. N. Macedonia

(participant).

2017. Participation of Workshop on METROFOOD-RI – infrastructure for promoting metrology in food and nutrition held on 30th November Skopje.

2017. Plenary lecture at a workshop as part of VIII International Scientific Agriculture Symposium „AgroSym 2017“, Oktober on Jahorina mountain, Bosnia and Herzegovina.

2016. Lecture and workshop at the Center for Viticulture and Winemaking "Current Status and Tendencies of the Gene Bank of Vineyards and Genetic Resources in the Republic of Macedonia and Southern Serbia", September, Nis, Serbia.

2013 – 2016. Participation of Workshop on Horizon 2020 – The EU Framework Programme for Research and innovation, organised in cooperation with Ministry of Education and Science

2011. TAIEX Plant Health Workshop, led by Jack Zandarski, August, Skopje, R. Macedonia.

2010. Participation in a workshop of CEI, with presentation "Macedonian wine roads", September, Novi Sad, Serbia.

2009. Seminar on the Seventh Framework Program of the European Union, topic 2: Food, Agriculture, Fisheries and Biotechnology, September, TAIEX, Skopje, R. Macedonia.

2009. Workshop on EU plant passports, May, TAIEX, Skopje, R. Macedonia.

2008. Workshop on seed trade, EU directives and certification, TAIEX, November, Ohrid, R. Macedonia.

2005 – 2014. Participant of all workshops from JRC (Joint Research Center) open days in Skopje, Macedonia.

Research interests

Viticulture,
Ampelography,
Organography,
Genetics and selection of plant production,
Enology,
Organic agricultural production,
Sustainable agriculture
etc.

Teaching

Study program; Enology

- Applied viticulture;
- Ampelography;

- Organic and biodynamic production of grapes and wine;
- Terroir and microclimatic conditions during wine production;

Study program; Organic and biodynamic plant production

- Organic and biodynamic production of grapes and wine

Other professional activities

- Current genetic and selection tests of the grapevine, laboratory analyzes to control the quality properties of the grapes, hybridization of grapevine varieties and rootstocks, etc.
- Participation and cooperation in a large number of consultations, symposiums and congresses in the country and abroad (Serbia, Croatia, Bosnia, Republika Srpska, Greece, Bulgaria, Romania, Turkey, Hungary, Italy, USA, Austria, etc.).
- President of the Commission for the Review of Textbooks for Secondary Vocational Education in the Ministry of Education and Culture, 2022 and 2023;
- Member of the sub-sectoral permanent working group for seeds and planting material in the Ministry of Education and Culture of R. N. Macedonia;
- In 2023, a member of the doctoral dissertation Commissions.
- Member of the International Scientific Committee of the Scientific Research Center of the Faculty of Applied Sciences in Nis, "Nikola Tesla Union - Belgrade", R. Serbia, 2022.
- Member of the International Scientific Committee of Village and Agriculture: Book of Proceedings / 5th International Scientific Conference, September 30 and October 1, 2022, Bijeljina.
- Expert in the Innovation and Technological Development Fund;
- Member of the Chamber of Experts in the Ministry of Justice of R.S. Macedonia;
- Member of the Forensic Expert Bureau of R.S. Macedonia from the field of Agriculture;
- Member of the Macedonian Genetic Society at MASA;
- Member of the Macedonian Ecological Society,
- 2021, reviewer of 6 projects for the establishment and retrofitting of laboratory facilities in Republic of North Macedonia, in the respective areas.
- 2019. Responsible editor of the Monograph on the occasion of the 75th anniversary of the founding of the institute.
- From 2010 onwards, she has been involved in Review Commissions for the selection of scientific associates from the relevant field.
- In 2019, a member of the Review Commissions for the selection of a person in the scientific title of research associate, in the scientific field of viticulture.
- In 2017, a member of the master's thesis Commissions .
- 2018 is the recipient of a prestigious Recognition from MASA, for the innovative solution "Application of a new preparation based on

zeolite in plants and its impact on the reduction of environmental pollution". Scientific conference 2018: The pollution of cities in R. Macedonia - what are the solutions? Session Industry/soil/food.

- Reviewer of 4 bilateral projects of the Republic of Macedonia and the Republic of Slovenia, in the respective areas, according to the proposal of the Commission for the selection of reviewers at the Ministry of Education and Culture, 2016 - 2022.
- Reviewer of 3 bilateral projects of the Republic of Macedonia and the Republic of Austria, in the respective areas, according to the proposal of the Commission for the selection of reviewers at the Ministry of Education and Culture, 2016 - 2022.
- Reviewer of 11 bilateral projects of the Republic of Macedonia and the Republic of China, in the relevant field, following the proposal of the Commission for the Selection of Reviewers at the MES, 2015-2019.
- Expert associate and member of the Editorial Board of the American Journal of Agricultural Science and Technology A & Journal of Agricultural Science and Technology B, David Publishing Company, USA, 2015.
- Member of the Editorial Board for the Jubilee Symposium of UKIM, Agricultural Institute, Skopje, 2014.
- Active member and expert in the working group for seeds and fertilizers, as part of the reforms in the phytosanitary area implemented by the Government of the Republic of Macedonia, 2012-2013
- Member of the working group certified planted vine material in the MAFWE, 2012-2013.
- Chief coordinator and chief manager for the implementation of accreditation and international recognition of the State Phytosanitary Laboratory, 2009 – 2013, the accreditation was received in March 2013.
- Professional associate and external expert for the implementation of one part of the project for organic production in the MAFWE, IPAD fund, for the examination of toxic residues in food of plant origin, 2013.
- Member of the working group for wine and alcoholic beverages, MAFWE, 2010.
- Member of the working group for the grapevine gene bank, 2009.
- Director of the State Phytosanitary Laboratory, MAFWE, 2008 - 2013.
- Lecturer at the CEI training "First workshop on the application of EU standards in agriculture and food production in the countries of the Western Balkans", Pirot, Serbia, 2006.
- Member of the vineyard land register working group, 2004.
- External member of the Croatian Biological Society, 2003 – 2005.
- Co-author and main researcher of the newly discovered and identified autochthonous variety of monastery white vine (klis izjum) in R. Macedonia and its collection, study and placement on the National Variety List, 2002 - 2007.
- Participation in the collection of grape varieties 1998 – now.

Scientific and applicative projects

1998. – 1999. Improvement of the production and quality of grapes and wine among individual producers in R. Macedonia, Project financed by the World Bank, participant.

2001. – 2006. Identification, collection, propagation and examination of introduced and autochthonous grape varieties in R. Macedonia, Project financed by the Ministry of Education and Science, participant.

2004. – 2006. Production and technological characteristics of some introduced grape varieties and clones and determining the quality of wine in R. Macedonia, Project of PRI Institute of Agriculture - Skopje, funded by Ministry of Education and Science, participant.

2004 - 2005. Description of autochthonous Slovenian and Macedonian grapevine varieties with microsatellite markers, Project of Faculty of Agricultural and Food Sciences - Skopje and Biotechnical Faculty - Ljubljana, bilateral project financed by the Ministry of Education and Science of R. Macedonia and R. Slovenia, participant.

2004 - 2006. Vegetative propagation of rootstocks from fruit species and vines and selection of varieties in R. Macedonia, Project of PRI Institute of Agriculture - Skopje, funded by Ministry of Education and Science, participant.

2006. – 2008. Balkan Agro-Food Network, BAPM (BAFN, INCO 026361) – 0106. Scientific-research database, state of the network and proposals for scientific-research areas and ways of support. International project, participant.

2007 - 2009. ISO 9001 and ISO 14001 for small and medium-sized enterprises, (coordinator and chief researcher for the Republic of Macedonia in the series of EU projects for the Western Balkans).

2007 - 2009. Quality system in food safety program (coordinator and chief researcher for the Republic of Macedonia in the series of EU projects for the Western Balkans).

2009. – 2012. Project "Development of Quality and Regulatory Infrastructure for Food Safety and Quality in Southeast Europe. Program Code: 71001923(6) Activity F: Support of laboratories to fulfill accreditation requirements", in corporation of LIVSMEDELSVERKET, SWEDAC & Sida, coordinator.

2009 - 2010. Project "Strengthening the capacities of laboratories to provide quality laboratory services for the Ministry of Agriculture, Forestry and Water Management and for farmers", (G2G08/MK/8/3), a project under the auspices of MATRA and the Kingdom of the Netherlands, main researcher and manager.

2010. – 2013. Project "Strengthening and increasing cooperation between phytosanitary statutory programs for plant health", EUPHRESKO - 2, Phytosanitary ERA-NET, WP5 Program, coordinator.

2013. – 2015. Project "Capacity building of the competent authorities for food safety, veterinary and phytosanitary policy" of CFCD and PAO (primary beneficiaries of the project, participant).

2016. – 2020. "H2020-SFS-2016-2017: SUSTAINABLE FOOD SECURITY – RESILIENT AND RESOURCE-EFFICIENT VALUE CHAINS - Project: Control of the quality and the health condition on the grapevine on a solid basis." The code is filed in Enterprise Europe Network, Business support on Horizon 2020, European Commission, Brussels, coordinator.

2017 - 2019. Project and innovation by Serbian authors and award of the innovation fair in Jasi, Romania 2017: Technically innovative solution in soil improvement and foliar feeding of plants with natural mineral biostimulators (zeolite and dolomite - Terra foster & Terra powder), GAIA life, associate and participant of the innovative solution from the R. Macedonia.

2019 - 2020. Impact of ampelotechnical measures on the quality of grapes and wine from the Vranec variety. University "Ss. Cyril and

Methodius" in Skopje, participant.

2019. – 2022. Project number: 609755-EPP-1-2019-1-BA-EPPKA2-CBHE-JP, Project name: Vitalising ICT Relevance in Agricultural Learning (external participant from R.N. Macedonia).

2020 - 2021. Examination of germination in samples of different types of agricultural crops from the gene bank after a certain period of long-term conservation". University "Ss. Cyril and Methodius" in Skopje, participant.

2020 - 2021. Factors and tendencies of sustainable development of agriculture during the COVID19 pandemic, on the occasion of World Food Day, international project of the Faculty of Agriculture Belgrade-Zemun and the Ministry of Science and Technology of Serbia, associate and participant from the R.N. Macedonia.

2021. – 2022. "Antioxidative activity of fruits from autochthonous varieties and populations of fruit, vegetables and grapes", University "Ss. Cyril and Methodius" in Skopje, participant.

2021 – 2022. International project; Digital agricultural multilingual platform and mobile application FIELLDTEQ, development and implementation of MODUL VI – FIELLDTEQ AgriDay", Company 8 TEK, DOOEL Skopje. Project-innovation in FITD, Skopje (manager and chief consultant).

2022. – 2023. "Revitalization and commercialization of the autochthonous wine variety Stanushina (*Vitis vinifera L.*)", University "Ss. Cyril and Methodius" in Skopje, participant.

Scientific publications

[1] Bahčevandzieva, A., Prculovski, Z., Petkov, M., Hristov, P., Korunoska, B., Location as a factor on the product and technological potential of the Rhine and Italian Riesling, *4 International Symposium for Agriculture and Food (JAFES)*, Ohrid, 75-82 (2022).

[2] Božinović, Z., Beleski, K., Markovska, B., Karakteristike nekih varijeteta sorte stanušine, *XIV Savetovanje agronoma, veterinar i tehnologa (Zbornik naučnih radova)*, Aranđelovac, Srbija, 301-306 (2000).

[3] Dimovska, V., Beleski, K., Markovska, B., The influence of pinching on some technological characteristics of cluster and berry, *Second Balkan symposium of viticulture and enology (Proceedings)*, Pleven, Bulgaria, 24-29 (2004).

[4] Dimovska, V., Beleski, K., Markovska, B., Božinović, Z., Boškov, K., The influence of gibberellic acid on some technological characteristics on cluster and berry of Thompson seedless grape variety, *2nd International Conference Ampelos 2006*, Santorini, Greece, 187-190 (2006).

[5] Dimovska, V., Božinović, Z., Beleski, K., Markovska, B., The influence of ampelotechnical measures on fertility, yield and quality of Dattier de Beyrouth grape variety, *First symposium on horticulture (Proceedings)*, Ohrid, 644-649 (2002).

[6] Dzoljevska-Milenkovska, R., Milanov, G., Taseska-Gjorgjijevski, M., Nedelkovski, D., Beleski, K., Korunoska, B., Chemical composition of wine received from the newly introduced variety Rebo (*Vitis vinifera L.*), *XII International Symposium on*

Agricultural Sciences (Book of abstracts), Trebinje, Bosnia and Herzegovina 168 (2023).

[7] Ilić-Popova, S., Bakeva, V., Beleski, K., Dimovska, V., Korunoska, B., Stanković, L., Angelova, E., Stojanova, M., Ilić-Popov, S., Classification of the sorts of grape varieties according the amount of sugar and acid in the grape juice in Skopje vineyard according the cluster analysis, *XIII Medjunarodno savetovanje o biotehnologiji (Zbornik radova)*, Čačak, Serbia, 285-290 (2008).

[8] Ilić-Popova, S., Markovska, B., Climatic specifications of Skopje and Gevgelija - Valandovo areas of vineyards, *Academic Days of Timisoara (Scientific research, horticulture)* Timisoara, Romania, 245-252 (2003).

[9] Ilić-Popova, S., Stanković, L., Angelova, E., Markovska, B., Klimatske karakteristike vinogradarskih područja Makedonije, *Naučno-stručno savjetovanje agronoma Republike Srpske sa megjunarodnim učešćem (Agroznanje)*, Teslić, Bosnia and Herzegovina, 27-35 (2003).

[10] Ilić-Popova, S., Stanković, L., Angelova, E., Markovska, B., Convenience of the climatic conditions for cultivation of the Italian Riesling cultivar in Bitola area of vineyards, *Second Balkan symposium of viticulture and enology (Proceedings)*, Pleven, Bulgaria, 182-185 (2004).

[11] Korunoska, B., al., e., Contemporary trends on science and economy management (Chapter II), in: *Strategy of new information technologies for the development of a healthy nutrition system*, LAMBERT Academic Publishing, London, UK, 150-170 (2022).

[12] Korunoska, B., Beleski, K., Pešić, V., Bunjac, N., Stojković, S., Analysis of meiosis in the flowers of some vine varieties using the method of chiasma frequency and normal crossover, *XII International Symposium on Agricultural Sciences (Book of abstracts)*, Trebinje, Bosnia and Herzegovina (2023).

[13] Korunoska, B., Boškov, K., K., B., Serafimovska, A., Examination of genetic predisposition in some varieties of grapevine as a factor for their genetic potential for fertility, *15th Serbian Congress of fruit and grapevine producers with international participation (Book of abstracts)*, Kragujevac, Serbia, (2016).

[14] Korunoska, B., Božinović, Z., Angelova, E., Ilić-Popova, S., Technological characteristics of the autochthonous table variety monastery white, significant for her representation of the Macedonian market, *International Symposium for Agriculture and Food*, Skopje, 150-156 (2013).

[15] Korunoska, B., Božinović, Z., Beleski, K., Boškov, K., Prculovski, Z., Trajanovska, F., Examining the status cytogenetic on some autochthonous varieties a grapevine in R. Macedonia, according O.I.V. system presented at the 3rd International Symposium for Agriculture and Food (Proceedings), Ohrid, Republic of Macedonia (2017).

[16] Korunoska, B., Božinović, Z., Ilić-Popova, S., Angelova, E., The effect of ecological conditions on the germination of pollen, fecundation and yield of some cultivars of grapevine in Skopje area of vineyards, *VII International Terroir Congress -*

2008 (*Book of abstracts*), Nyon, Switzerland, (2008).

[17] Korunoska, B., Božinović, Z., K., B., Agrobiological characteristics of the late autochthonous table varieties Red and Black Valandovo Drenok, important for their recovery in assortments of R. Macedonia, *International Symposium for Agriculture and Food (Book of abstracts)*, (2012).

[18] Korunoska, B., Božinović, Z., Pešić, V., Bunjac, N., Analysis and comparison of metaphase chromosomes in some varieties and crossing combination of grapevine, *Journal of Agricultural Science and Technology (in press)*, (2023).

[19] Korunoska, B., Božinović, Z., Prculovski, Z., Stamoska, A., Ampelographic description of the group phenotypic properties in some cultivars of grapevine, grown in R. Macedonia, in addition to methods for determination of their origin, *2nd International Symposium for Agriculture and Food (Proceedings)* 501-506 (2015).

[20] Korunoska, B., Bozinovic, Z., Serafimovska, A., Prculovski, Z., Nedelkovski, D., Taseska-Gjorgijevski, M., Ampelographical characteristics and genotypic variability in autochthonous cultivars Red and Black Valandovo drenok grown in R. Macedonia, *Scientific conference "Challenges in modern agricultural production" (Proceedings)*, Skopje, (2014).

[21] Korunoska, B., Milanov, G., Nedelkovski, D., Sarafimovska, A., Taseska-Gjorgijevski, M., Dzolevska, R., Description of the morphological and technological characteristics of the plant goji berry, *3rd International symposium for agriculture and food - ISAF*, Ohrid, 135-137 (2017).

[22] Korunoska, B., Milanov, G., Taseska-Gjorgijevski, M., Nedelkovski, D., Trišeska, H., Dzoljevska-Milenkovska, R., Rajčin, V., Reduction of the content of heavy metals in white wines of the Italian Riesling variety by certain treatments used in RN Macedonia, *XII International Symposium on Agricultural Sciences (Book of abstracts)*, Trebinje, Bosnia and Herzegovina, 165 (2023).

[23] Korunoska, B., Milanov, G., Velkoski, V., Nedelkovski, D., Innovative technologies in the production of wine and other fermented beverages for consumption intended in different regions of the world markets, *ICEIRD 2018 (Book of abstracts)*, Doha, Qatar, (2018).

[24] Korunoska, B., Nedelkovski, D., Sarafimovska, A., Examination the cell divisions and determination of irregularities in the fertilization in some grapevine varieties cultivated in R. Macedonia, *IV International Symposium and XX Scientific-Professional Conference of Agronomists of Republic of Srpska (Book of abstracts)*, Bijeljina, Bosnia and Herzegovina, 136 (2015).

[25] Korunoska, B., Pešić, V., Effects of new organic preparations based on zeolite and dolomite over some characteristics of the grape in R. Macedonia, *3rd International Symposium for Agriculture and Food (Proceedings)* Ohrid, 125-131 (2017).

[26] Korunoska, B., Pešić, V., Baković, M., Investigation of the effect of the "New formula" of zeolite on the quality characteristics of wine rootstock, *5th international Scientific Conference „Village and Agriculture“* Bijeljina, Bosnia and

Herzegovina, 191-201 (2022).

[27] Korunoska, B., Pešić, V., Beleski, K., Stojković, S., Identification of some autochthonous and regional grapevine varieties according to O.I.V. descriptors for certain characteristics, *4th International Symposium for Agriculture and Food*, Ohrid, 70-78 (2022).

[28] Korunoska, B., Pešić, V., Bunjac, N., Examination of cytogenetic status of seeds obtained by cross-fertilization and self-fertilization in certain autochthonous and regional grapevine varieties in Republic of North Macedonia, *16th Serbian congress of fruit and grapevine producers, with international participation*, Vrdnik, Serbia, 64-67 (2022).

[29] Korunoska, B., Pešić, V., Bunjac, N., Identification and examination of certain cytogenetic characteristics of some autochthonous varieties of grapevine in Republic of North Macedonia, *Genetika*, **55**, 439-454 (2023).

[30] Korunoska, B., Pešić, V., N., B., Determination of irregularities in pollen germination as indicators of yield and quality of some Balkan grapevine varieties, *13th International Scientific Agriculture Symposium „AGROSYM 2022“ (Book of abstracts)*, Jahorina, Bosnia and Herzegovina, 162 (2022).

[31] Korunoska, B., Pešić, V., Prculovski, Z., Bunjac, N., Examination of the phenotypic variability of the muscat hamburg variety in the Skopje vineyard as a basis for isolating clones, *4th International Symposium for Agriculture and Food (JAFES)*, Ohrid, 82-90 (2022).

[32] Korunoska, B., Taseska–Gjorgjievski, M., Beleski, K., Nedelkovski, D., Djolevska-Milenkovska, R., Examination of wine from the variety Pinot noir and application of clearing treatments to reduce the content of heavy metals, *16th Serbian congress of fruit and grapevine producers, with international participation*, Vrdnik, Serbia, 284-285 (2022).

[33] Korunoska, B., Taseska-Gjorgjievski, M., Nedelkovski, D., Beleski, K., Gjoljevska Milenkovska, R., G., M., Rajcin, V., Examination of the content of some antioxidant substances in some autochthonous grapevine varieties (*Vitis vinifera* L.) in RN Macedonia, *Journal of Agricultural, Food and Environmental Sciences*, **75**, 19-27 (2021).

[34] Korunoska, B., Tašev, K., Ilić-Popova, S., Analysis of metaphase chromosomes of some cultivars and one crossing combination of grapevine, *International conference "Actual Problems of Applied Genetics, Breeding and Biotechnology of Plants" (Bulletin of the NBG - NSC; Abstract)*, Yalta, Ukraine, (2009).

[35] Korunoska, B., Velkoski, V., Velkoski, B., Impact of the air pollution in fertilization grapevine in localities from Skopje vineyards, *KNOWLEDGE*, **22**, 1915-1920 (2018).

[36] Markovska, B., Angelova, E., Božinović, Z., Ilić-Popova, S., The influence of ampelotechnical measures and bioregulators on productivity and quality of Beogradska besemena grape variety, *13èmes journées GESCO (Abstract)*, 253-255 (2003).

[37] Markovska, B., Božinović, Z., Dimovska, V., Angelova, E., Ilić-Popova, S., Investigations of anatomical characteristics of

some wine and table grapevine cultivars, in Skopje area vineyards, *XV International Symposium GESCO*, Poreč, Croatia, 1016-1026 (2007).

[38] Markovska, B., Božinović, Z., Ilić-Popova, S., Angelova, E., Observation and determination of the chromosome number of some cultivars of grapevine, *8th Croatian biological congress (Acta Botanica Croatica; abstract)*, Zagreb, Croatia, 52 (2003).

[39] Markovska, B., Božinović, Z., Ilić-Popova, S., Angelova, E., Comparative researches of anatomical characteristics of some white wine-grape cultivars, in Skopje area of vineyards, *2nd International Conference Ampelos 2006*, Santorini, Greece, 237-240 (2006).

[40] Markovska, B., Božinović, Z., Ilić-Popova, S., Dimovska, V., Investigation of pollen germination, meiosis and degree of fecundation at some cultivars of grapevine, *Third symposium of the section of the breeding of the organisms of the society of geneticist of Serbia (Abstract)*, Zlatibor, Serbia, (2006).

[41] Markovska, B., Dermendjiev, B., Ilić-Popova, S., Determination of the chromosome number of some cultivars and one crossing combination of grapevine, *2nd International Conference Ampelos 2006*, Santorini, Greece, 207-210 (2006).

[42] Markovska, B., Dermendjiev, B., Ilić-Popova, S., Dimovska, V., Analysis of metaphase chromosomes of some cultivars and some crossing combination of grapevine, *9th International conference on grape genetics and breeding (Book of abstracts)*, Udine, Italy, (2006).

[43] Markovska, B., Ilić-Popova, S., Dimovska, V., Beleski, K., Uticaj agroekoloških uslova u Skopskom vinogorju na biološki potencijal sorti Kardinal i Alfons lavale, *XIV Savetovanje vinogradara i vinara Srbije sa međunarodnim učesćem (Zbornik naučnih i preglednih radova)*, Vršac, Srbija, 113-120 (2002).

[44] Markovska, B., Ilić-Popova, S., Dimovska, V., Beleski, K., Influence of the climatic factors on the germination of pollen and fecundation of some cultivars of grapevine in Skopje area of vineyards, *Academic Days of Timisoara (Scientific research, horticulture)* Timisoara, Romania, 101-110 (2003).

[45] Markovska, B., Ilić-Popova, S., Dimovska, V., Beleski, K., Comparative researches of the internode length of some red wine - grape cultivars, in Skopje area of vineyards, *Second Balkan symposium of viticulture and enology(Proceedings)*, Pleven, Bulgaria, 53-57 (2004).

[46] Nedelkovski, D., Beleski, K., Boškov, K., Korunoska, B., Milanov, G., Studying the content of starch correlated with resistance to low winter temperatures in some grapevine varieties, *Agro-knowledge Journal*, **13**, 681-686 (2012).

[47] Nedelkovski, D., Beleski, K., Milanov, G., Gjamovski, V., Korunoska, B., Improving the fruit quality of Crimson seedless (*Vitis vinifera* L.) using vine trunk girdling and GA3 as an agrotechnical tool *VIII International symposium on agriculture sciences AgroRes 2019 (Proceedings)*, Trebinje, Bosnia and Herzegovina, 26-32 (2019).

- [48] Nedelkovski, D., Beleski, K., Serafimovska, A., Boskov, K., Milanov, G., Taseska-Gjorgijevski, M., Korunoska, B., Influence of yeast strain on Stanushina chemical composition and sensory analysis, *IV International Symposium and XX Scientific-Professional Conference of Agronomists (Book of abstracts)* Bijeljina, Bosnia and Herzegovina, 137 (2015).
- [49] Nedelkovski, D., Dimitrov, D., Beleski, K., Milanov, G., Korunoska, B., Trajanovska, F., Djolevska Milenkovska, R., Aroma compounds in wines from Macedonian autochthonous variety Stanusina, *Journal of mountain agriculture of the Balkans*, **20**, 128-138 (2017).
- [50] Nedelkovski, D., Dimitrov, D., Beleski, K., Milanov, G., Korunovska, B., Trajanovska, F., Milenkovska, R., Aroma compounds in wines from Macedonian autochthonous variety Stanusina, *Journal of Mountain Agriculture on the Balkans*, **20**, 128-138 (2017).
- [51] Pešić, V., Kilchevsky, A., Shaban, N., Korunoska, B., Kara, Z., Alternative crops and ecological plant breeding as a function of organic agriculture, P-592, *VIII International Agriculture Symposium "AGROSYM 2017" (Book of abstracts)*, Jahorina, Bosnia and Herzegovina, (2017).
- [52] Pešić, V., Markovska-Korunoska, B., Shaban, N., Contribution of alternative crops to organic agriculture in the function of biodiversity conservation (Proceedings), *3rd International Symposium for Agriculture and Food*, Ohrid, 120-124 (2017).
- [53] Pešić, V., Shaban, N., Weingerl, N., Kadhum, E., Korunoska, B., Agriculture, energy and material for sustainability in the education process, *Journal of Environmental Protection and Ecology*, **19**, 800 - 900 (2018).
- [54] Pešić, V., Stevanović, A., Bošković, J., Rončević, J., Korunoska, B., Šarčević-Todosijević, L., Organic and inorganic biostimulators of plants in the function of sustainable management of natural resources, *IRASA International Scientific Conference, Science, Education, Technology And Innovation, SETI IV (Book of abstracts)*, (2022).
- [55] Prculovski, Z., Božinović, Z., Boškov, K., Korunoska, B., Poposka, H., Kryeziu, S., Impact of the number of clusters on Cardinal variety production results (Proceedings), *3rd International Symposium for Agriculture and Food*, Ohrid, 165-168 (2017).
- [56] Selamovska, A., Gjamovski, V., Korunovska, B., Taseska-Gjorgijevski, M., Beleski, K., Nedelkovski, D., Bandjo-Oreshkovikj, K., Djoljevska-Milenkovska, R., Rajchin, V., Comparative research on antioxidant content in the fruits of select indigenous varieties of fruit species, grapes and vegetables, *Contributions; Section of Natural, Mathematical and Biotechnical Sciences, MASA*, **42**, 1-2 (2021).
- [57] Selamovska, A., Gjamovski, V., Taseska-Gjorgijevski, M., Nedelkovski, D., Bandjo-Oreshkovikj, K., Korunovska, B., Djoljevska-Milenkovska, R., Comparative studies of the content of antioxidants in fruits of some autochthonous cherry varieties, *Journal of Agriculture and Plant Sciences*, **20**, 33-40 (2022).
- [58] Selamovska, A., Gjamovski, V., Taseska-Gjorgijevski, M., Nedelkovski, D., Beleski, K., Milanov, G., Korunovska, B.,

Comparative studies of the content of some antioxidants in the fruits of autochthonous pomegranate varieties, *Agro-knowledge Journal*, **23**, 221-228 (2022).

[59] Selamovska, A., Taseska-Gjorgjijevski, M., Markovski, A., Korunoska, B., Chemical composition of some autochthonous fruit species from Macedonia, *Journal of Agriculture and Plant Sciences*, **21**, 63-70 (2023).

[60] Serafimovska, A., Korunoska, B., Milanov, G., Taseska Gjorgjijevski, M., Nedelkovski, D., Polyphenol composition of wine from the variety Cabernet Sauvignon, *Bulgarian Chemical Communications*, **54**, 291-294 (2022).

[61] Serafimovska, A., Taseska-Gjorgjijevski, M., Nedelkovski, D., Korunoska, B., Ilić-Popova, S., Boškov, K., Influence of climate conditions on polyphenolic composition of wine from Cabernet sauvignon variety, *2nd International Symposium for Agriculture and Food (Book of abstracts)*, Ohrid, (2015).

[62] Serafimovska, A., Taseska-Gjorgjijevski, M., Nedelkovski, D., Milanov, G., Korunoska, B., Decreasing of the content of heavy metals in white wine chardonnay by using different treatments, *IV International Symposium and XX Scientific-Professional Conference of Agronomists of Republic of Srpska (Book of abstracts)*, Bijeljina, Bosnia and Herzegovina, 131 (2015).

[63] Stanković, L., Ilić-Popova, S., Angelova, E., Beleski, K., Markovska, B., Histološke karakteristike lastara kod nekih sorata vinove loze, *XIV Savetovanje vinogradara i vinara Srbije sa međunarodnim učešćem (Zbornik naučnih i preglednih radova)*, Vršac, Serbia, 133-138 (2002).

[64] Stevanović, A., Bunjac, N., Pešić, V., Korunoska, B., Bošković, J., Amaranth leaves and seeds - amino acid profile and chemical characteristics, *IV International Agricultural, Biological & Life Science Conference (Book of abstracts)*, Edirne, Turkey, 72 (2022).

[65] Taseska-Gjorgjijevski, M., Nedelkovski, D., Dzoljevska-Milenkovska, R., Milanov, G., Beleski, K., Korunoska, B., Rajčin, V., Content and correlation of organic compounds in some autochthonous grapevine varieties (*Vitis vinifera* L.), *XII International Symposium on Agricultural Sciences (Book of abstracts)*, Trebinje, Bosnia and Herzegovina 164 (2023).

[66] Vladan, P., Stevanović, A., Bošković, J., Rončević, J., Korunoska, B., Šarčević-Todosijević, L., Organic and inorganic biostimulators of plants in the function of sustainable management of natural resources, *IRASA International Scientific Conference, Science, Education, Technology and Innovation, SETI IV (Book of abstracts)*, Belgrade, Serbia, 26.

[67] Ангелова, Е., Божиновиќ, З., Марковска, Б., Илиќ-Попова, С., Микроразмножување на македонските автохтони сорти винова лоза (*Vitis vinifera* L), *Годишен зборник на Земјоделскиот факултет - Скопје*, **48**, 81-87 (2003).

[68] Божиновиќ, З., Белески, К., Ангелова, Е., Марковска, Б., Влијание на морфолошките карактеристики врз производните особини на сортата кадарка, *XXVI средба Факултет - Стопанство, Земјоделски факултет - Скопје*, 73-80 (2001).

- [69] Божиновиќ, З., Бошков, К., Белески, К., Коруноска, Б., Димовска, В., Влијание на сортата и степенот на зрелоста врз чувањето на грозје во ладилник, *Второ советување и работилница (Зборник на трудови и презентации)*, Струмица, (2009).
- [70] Божиновиќ, З., Бошков, К., Белески, К., Марковска, Б., Технолошки карактеристики на некои застапени вариетети од сортата кадарка во Република Македонија, *II Македонски симпозиум по лозарство и винарство со меѓународно учество (Зборник на трудови)*, Скопје, 64-69 (1998).
- [71] Бошков, С., Војноски, Б., Јевтимова, В., Димовска, В., Белески, К., Марковска, Б., Бошков, К., Миланов, Г., *Унапредување на производството и квалитетот на грозје и вино кај индивидуалните производители во Р. Македонија (брошура)*, Светска банка, Скопје, р. 40 (1999).
- [72] Бошков, С., Димовска, В., Белески, К., Марковска, Б., Влијание на начинот на резидба врз приносот и квалитетот на грозјето кај сортата Мускат хамбург, *Годишен зборник на Земјоделски институт - Скопје, XVIII-XIX*, 71-80 (1998/99).
- [73] Бошков, С., Димовска, В., Белески, К., Марковска, Б., Компаративни испитувања на некои агробиолошки и технолошки карактеристики кај сортата афус али во зависност од подлогата, *II Македонски симпозиум по лозарство и винарство со меѓународно учество (Зборник на трудови)*, Скопје, 79-85 (2001).
- [74] Димовска, В., Белески, К., Коруноска, Б., Влијание на биорегулаторите врз некои механички својства на зрното кај сортата Београдска бесемеа, *I Балкански и III Македонски симпозиум по лозарство и винарство (Зборник на трудови)*, Скопје, 111-115 (2003).
- [75] Димовска, В., Божиновиќ, З., Бошков, С., Христов, П., Белески, К., Влијание на ампелотехничките мерки и биорегулаторите врз приносот и квалитетот на грозјето кај сортата кардинал, *XXVI средба Факултет-стопанство (Зборник на трудови)*, Скопје, (2001).
- [76] Димовска, В., Божиновиќ, З., Христов, П., Белески, К., Марковска, Б., Влијание на биорегулаторите врз продуктивноста и квалитетот на грозјето кај некои бесемени сорти, *II Македонски симпозиум по лозарство и винарство со меѓународно учество (Зборник на трудови)*, Скопје, 63-70 (2001).
- [77] Димовска, В., Божиновиќ, З., Христов, П., К., Б., Бошков, К., Марковска, Б., Влијание на ампелотехничките мерки и биорегулаторите врз продуктивноста и квалитетот на грозјето од сортата Београдска бесемеа, *Годишен зборник на Земјоделски факултет - Скопје*, **45**, 7-15 (2000).
- [78] Илиќ–Попова, С., Ангелова, Е., Станковиќ, Л., Марковска, Б., Просторна и временска состојба на режимот на пролетните мразеви во Повардарскиот лозарски реон, *I Балкански и III Македонски симпозиум по лозарство и винарство (Зборник на научни трудови)* Скопје, 297-301 (2003).

- [79] Илиќ-Попова, С., Војноски, Б., Димовска, В., Белески, К., Марковска, Б., Стојанова, М., Потребни топлотни суми за постигнување на полна зрелост кај некои сорти за производство на црвени вина одгледувани во скопското виногорје, *II Македонски симпозиум по лозарство и винарство со меѓународно учество (Зборник на трудови)*, Скопје, 31-39 (2001).
- [80] Јагуриноска, Р., Коруноска, Б., *Лозарско и овоштарско производство (Учебник за средно стручно образование)* Министерство за образование и наука на РС Македонија, Скопје (2023).
- [81] Коруноска, Б., Ампелографска идентификација, проучување и колекционирање на автохтони сорти винова лоза во Р. Македонија, Докторска дисертација, УКИМ Факултет за земјоделски науки и храна - Скопје, Скопје, (2007).
- [82] Коруноска, Б., *Лозови подлоги (Учебник за високо образование, електронско издание)*, Универзитет „Св Кирил и Методиј“, Скопје, р. 70 (2023).
- [83] Коруноска, Б., *al., e., Монографија по повод 75 години од формирање на Земјоделскиот институт - Скопје*, УКИМ Земјоделски институт - Скопје, (2019).
- [84] Коруноска, Б., Јагуриноска, Р., *Лозарство (Учебник за средно стручно образование)* Министерство за образование и наука на РС Македонија, (2023).
- [85] Коруноска, Б., Пешиќ, В., Примена на нов препарат базиран на зеолит кај растенијата и неговото влијание врз намалување на загадувањето на околината, *Загадувањето во градовите на Македонија: кои се решенијата? (Зборник на трудови)*, Скопје, 245-258 (2019).
- [86] Марковска, Б., Генотипското варирање кај трпезните сорти винова лоза како основа за нивното облагородување, Магистерски труд, УКИМ Земјоделски факултет - Скопје, Скопје, р. 139 (2001).
- [87] Марковска, Б., Димовска, В., Белески, К., Карактеристики на поленот и степен на оплодување кај сортите Кардинал и Мускат Италија, *Годишен зборник на Земјоделски институт - Скопје*, **XXI**, 127-137 (2001).
- [88] Марковска, Б., Илиќ-Попова, С., Бошков, К., Сортна специфичност на мускат италија и мускат хамбург во скопското виногорје, *II Македонски симпозиум по лозарство и винарство со меѓународно учество (Зборник на трудови)*, Скопје, 95-105 (2001).
- [89] Марковска, Б., Илиќ-Попова, С., Димовска, В., Белески, К., Резултати од испитувањето на степенот на оплодување кај сортите Мускат хамбург и Афус али, *Годишен зборник на Земјоделски факултет - Скопје*, **46**, 7-17 (2001).
- [90] Христов, П., Бошков, С., Димовска, В., Белески, К., Марковска, Б., Влијание на начинот на резидба врз приносот и квалитетот на грозје кај сортата Бургундец црн, *Годишен зборник на Земјоделски факултет - Скопје*, **44**, (1999).