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Academic qualifications**2018. – PhD**

Agriculture University, Plovdiv, R. Bulgaria
Influence of altitude and agrotechnics on the phenolic and aromatic profile of the wine variety Vranec.

2009. – Master's thesis

University of Chemical Technology and Metallurgy, Sofia, R. Bulgaria
Examination of the possibilities of four clones of the Black Burgundy variety for obtaining high-quality red wines with high antioxidant activity

2008. – Graduate thesis

University of Chemical Technology and Metallurgy, Sofia, R. Bulgaria
Production of Bioethanol

Scientific interests

Viticulture, Oenology
Technologies for improving the quality of grape varieties for wine production,
Technology for improving the quality of seedless grape varieties,
Technology and techniques for improving the quality of strong alcoholic beverages

Teaching activity**Oenology**

Analysis of wine and spirits
Microbiology with enzymology
Technology of alcoholic beverages
Applied viticulture
Organic and biodynamic production of grapes and wine

Organic and biodynamic production

Organic and biodynamic production of grapes and wine

Scientific projects

2017-2018. Characterization of autochthonous varieties pomegranate in the Republic of Macedonia, UKIM.
2019. Preparation of national program strategy for operational phase 7 2018-2022 for GEF, SGP GRANTS, Proect-MKD
2019-2020. Impact of ampelotechnical measures on the quality of grapes and wine of Vranec variety, UKIM.
2019-2020. Испитување на 'ртливост кај примероци од различни видови земјоделски култури од ген-банката по одреден период на долгорочна (long term) конзервација, УКИМ.
2019-2021. Inventory and measures to reduce greenhouse gas emissions whitin the Third Biennial Report on the agriculture and forestry sector (UNDP- Skopje)

2021. Improving the quality of alcoholic beverages through advanced distillation technology. Challenge for student innovators funded by Gazi Baba Municipality.

2021. EIT Food start-up awearness event, финансиран од EIT food, единица на европскиот институт за иновации и технологии поддржан од европската унија, forum for climate change adaptation and strat-up purtunities

2021-2022. Антиоксидативна активнот на плодовите од автохтони сорти и популации овошје, зеленчук и грозје, УКИМ.

2021-2022. Содржина на бакар на лозовите насади во тивешкиот регион, УКИМ.

2022. EIT Food start-up awearness event, финансиран од EIT food, единица на европскиот институт за иновации и технологии поддржан од европската унија, Smart farming- future for agriculture and rural development.

2022-2023. Revitalization and commercialization of the autochthonous wine variety Stanushina (*Vitis vinifera* L.), УКИМ

2022-2023. Истражување на социоекономската состојба кај младите во руралните средини во Р. С. Македонија, УКИМ Земјоделски институт

Scientific publications

- [1] Beleski, K., Nedelkovski, D., Identification and classification of grapevine cultivars (*Vitis vinifera* L.) from the Balkan subgroup by phyllometric descriptors, *Vitis* **54**, 133-134 (2015).
- [2] Beleski, K., Nedelkovski, D., Characterization of autochtonous and local grapevine germplasm in Republic of Macedonia, *Prva medunarodna konferencija o vrancu i drugim crnogorskim autohtonim sortama vinove loze*, 173-177 (2021).
- [3] Dimitrov, D., Balashkov, E., Nedelkovski, D., Belberova, Y., Influence of pathogenic attack on vine varieties of cabernet sauvignon on the content of trans-resveratrol in wine, *Chemistry & Chemical Engineering, Biotechnology, Food Industry*, **20**, 533-539 (2019).
- [4] Dimitrov, D., Haygarov, V., Yoncheva, T., Nedelkovski, D., Aromatic profile of red wines from grapevine varieties grown in the conditions of Northern Bulgaria, *Journal of mountain agriculture of the Balkans*, **20**, 187-200 (2017).
- [5] Dimitrov, D., Nedelkovski, D., Aromatic profile of Macedonian and Bulgarian red wines from local variety Vranec and hybrid variety Kaylashki Rubin, *Ukrainian Food Journal*, **11**, 27 - 38 (2022).
- [6] Dimitrov, L., Gjosheva Kovachevikj, M., Popovska Stojanov, D., Nedelkovski, D., Influence of the economic crisis to the production price of wine grapes in the Republic of North Macedonia, *XIII International Scientific Agriculture Symposium "AGROSYM 2022", Faculty of Agriculture - Sarajevo (Proceedings)*, Jahorina, Bosnia and Herzegovina 1258-1264 (2022).
- [7] 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).
- [8] Ivanova-Petropoluos, V., Ricci, A., Nedelkovski, D., Dimovska, V., Parpinello, G. P., Versari, A., Targeted analysis of bioactive phenolic compounds and antioxidant activity of Macedonian red wines, *Food chemistry*, **171**, 412-420 (2015).
- [9] Ivanova-Petropulos, V., Balabanova, B., Mitrev, S., Nedelkovski, D., Dimovska, V., Gulaboski, R., Optimization and validation of a microwave digestion method for multi-element characterization of vranec wines, *Food Analytical Methods*, **9**, 48-60 (2016).

- [10] Ivanova-Petropulos, V., Jakabová, S., Nedelkovski, D., Pavlík, V., Balážová, Ž., Hegedús, O., Determination of Pb and Cd in Macedonian wines by electrothermal atomic absorption spectrometry (ETAAS), *Food Analytical Methods*, **8**, 1947-1952 (2015).
- [11] Korunoska, B., Bozinovic, Z., Serafimovska, A., Prculovski, Z., Nedelkovski, D., Taseska-Gjorgjievski, 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).
- [12] Korunoska, B., Milanov, G., Nedelkovski, D., Sarafimovska, A., Taseska-Gjorgjievski, M., Dzolevska, R., Description of the morphological and technological characteristics of the plant godji berry, *3rd International symposium for agriculture and food - ISAF*, 132-138 (2017).
- [13] Korunoska, B., Milanov, G., Nedelkovski, D., Sarafimovska, A., Taseska-Gjorgjievski, 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).
- [14] Korunoska, B., Milanov, G., Taseska-Gjorgjievski, 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).
- [15] 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).
- [16] 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).
- [17] 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).
- [18] Korunoska, B., Taseska-Gjorgjievski, M., Nedelkovski, D., Beleski, K., Gjoljevska Milenkovska, R., Milanov, G., Rajcin, V., Examination of the content of some antioxidant substances in some autochthonous grapevine varieties (*Vitis vinifera* L.) in Republic North Macedonia, *Journal of Agricultural, Food and Environmental Sciences*, **75**, 19-27 (2017).
- [19] 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 abstract)*, Doha, Qatar, (2018).
- [20] Markovski, A., Popovska, M., Gjamovski, V., Taseska-Gjorgjievski, M., Nedelkovski, D., Investigation of organoleptic characteristics of pomegranate (*Punica granatum* L.) varieties, *Journal of Agricultural, Food and Environmental Sciences*, **76**, 1-9 (2022).
- [21] Milanov, G., Beleski, K., Cvetkovic, J., Nedelkovski, D., Influence of grape cultivars and technological treatments on quality of grape brandies, *I-st International symposium and XVII Scientific conference of agronomist of Republic of Srpska (Book of abstracts)*, Trebinje, Bosnia and Herzegovina, (2012).

- [22] Milanov, G., Beleski, K., Cvetković, J., Nedelkovski, D., Uticaj sorte grožđa i tehnoloških postupaka na kvalitet groždanih rakija, *Agroznanje*, **15**, 425-438 (2014).
- [23] Milanov, G., Beleski, K., Nedelkovski, D., Ristov, G., Efekti razlicitog opterećenja vinove loze I dužina maceracije na polifenolni sastav vina od sorte Vranac, *Agroznanje*, **15**, 319-328 (2014).
- [24] Milanov, G., Krieger-Weber, S., Silvano, A., Dumont, A., Nedelkovski, D., Timing of inoculation with selected wine bacteria on the kinetics of malolactic fermentation and sensory properties of syrah wines from the Republic of north Macedonia, *Contributions; Section of Natural, Mathematical and Biotechnical Sciences, MASA*, **41**, 25-33 (2020).
- [25] Milanov, G., Nedelkovski, D., Taseski-Gjorgijevski, M., Timing of inoculation with selected wine bacteria on the kinetics of malolactic fermentation and sensory properties of Vranec wine from Tikvesh wine region, *Journal of Agricultural, Food and Environmental Sciences, JAFES*, **73**, 1-6 (2019).
- [26] Nedelkovski, D., Influence of summer pruning operations on the potential bud yield of grape vine variety Vranec, *Лозарство*, **3**, 8-16 (2016).
- [27] 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).
- [28] 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).
- [29] Nedelkovski, D., Beleski, K., Milanov, G., Roychev, V., Dimovska, V., Potential and possibilities of Rebo - New grapevine variety (*Vitis vinifera* L.) in growing conditions in Republic of North Macedonia, *Journal of agriculture and plant sciences - JAPS*, **17**, 135-140 (2019).
- [30] Nedelkovski, D., Beleski, K., Roytchev, V., Milanov, G., Potential winter buds fertility of the vine variety Rebo, *VIII International symposium on agricultural sciences AgroRes 2019 (Proceedings)*, Trebinje, Bosnia and Herzegovina, 60-68 (2019).
- [31] 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, (2015).
- [32] 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).
- [33] Nedelkovski, D., Cvetkovic, J., Beleski, K., Poposka, H., Phenolic composition of Vranec grapevine cultivar (*Vitis vinifera* L.) grafted on different rootstock, *Bulgarian journal of agricultural science*, **23**, 389-395 (2017).
- [34] Nedelkovski, D., Dimitrov, D., Beleski, K., Milanov, G., Korunoska, B., Trajanovska, F., Djolevska Milenkovska, R., Aroma compounds in wines from Macedonian autochthonous variety Stanushina, *Journal of mountain agriculture of the Balkans*, **20**, 128-138 (2017).

- [35] 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).
- [36] Nedelkovski, D., Roychev, V., Beleski, K., Mokreva, T., The effects of the summer pruning operations on the winter buds productivity of cv. Vranec (*Vitis vinifera* L.), *Agro-knowledge journal*, **18**, 155-166 (2017).
- [37] Nedelkovski, D., Roychev, V., Ivanov, A., Beleski, K., Influence of the altitude and some summer pruning operations on the parameters of the potential fertility of the winter buds at the vine variety Vranec, *Journal of mountain agriculture of the Balkans*, **20**, 139-152 (2017).
- [38] Nedelkovski, D., Serafimovska, A., Milanov, G., Beleski, K., Taseska-Gjorgijevski, M., Influence of wine storage conditions and wine aging on the dynamics of antocianins decrease in the Vranec wine variety, *Yearbook of the Institute of Agriculture Skopje XXVIII/XXIX*, 148-156 (2012).
- [39] Poposka, H., Mukaetov, D., Cvetkovic, J., Andreevski, M., Tasevska, T. M., Bandjo Oreskovic, K., Nedelkovski, D., Gjoljevska, M. R., Copper monitoring in vineyard soils of the Tikvesh region, North Macedonia, *Agro-knowledge Journal*, **23**, 183-197 (2022).
- [40] Poposka, H., Mukaetov, D., Nedelkovski, D., Yield and mineral composition of grapevine as affected by magnesium and iron foliar nutrition, *Journal of agriculture and plant sciences, JAPS*, **17**, 141-149 (2019).
- [41] Poposka, H., Mukaetov, D., Nedelkovski, D., Taseska Gjorgijevski, M., Effect of foliar calcium and nitrogen treatments on yield and fruit quality of table grapes cv. 'Cardinal', *Agro-knowledge Journal*, **24**, 91-104 (2023).
- [42] Roychev, V., Nedelkovski, D., Beleski, K., Investigation of the correlations between quantitative traits which determine yield in the vine cultivare Bolgar and the hybrid combination Bolgar x Russalka I, *Journal of Agriculture and Plant Sciences*, **18**, 37-45 (2019).
- [43] Saltirova, L., Nedelkovski, D., Boskov, K., Milanov, G., Beleski, K., Agrobiological and technological characteristic of some table interspecies variety growing in Skopje vineyard area
I International symposium and XVII Scientific conference of agronomist of Republic of Srpska (Book of abstracts), Trebinje, Bosnia and Herzegovina, (2012).
- [44] Selamovska, A., Gjamovski, V., Korunovska, B., Taseska-Gjorgijevski, M., Beleski, K., Nedelkovski, D., Bandjo-Oreshkovikj, K., Djoljevaska-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).
- [45] Selamovska, A., Gjamovski, V., Taseska-Gjorgijevski, M., Nedelkovski, D., Bandjo-Oreshkovikj, K., Content of some antioxidants in the fruits of autochthonous apple varieties, *Safe food*, 199-208 (2022).
- [46] Selamovska, A., Gjamovski, V., Taseska-Gjorgijevski, M., Nedelkovski, D., Bandjo-Oreshkovikj, K., Korunovska, B., Djoljevaska-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).
- [47] 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).

[48] 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).

[49] 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).

[50] 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).

[51] 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).

[52] Неделковски, Д., Ройчев, В., Белески, К., Иванов, А., Влияние на надморската височина върху продължителността на фенофазите при лозовия сорт Вранец, *Лоза и вино*, **3**, 4-11 (2022).

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[55] Неделковски, Д., Серафимовска, А., Миланов, Г., Белески, К., Тасеска-Ѓорѓијевски, М., Влијание на условите за чување на виното и староста врз динамиката на опаѓање на антоцијаните во виното од сорта Вранец, *Годишен зборник на земјоделскиот институт - Скопје*, **XXVIII/XXIX** 145-154 (2012).