

## PUBLICATIONS

**доц. д-р Николай Велков**

1. Pevicharova G., **N. Velkov**. 2017. Sensory, chemical and morphological characterization of Cucurbita maxima and Cucurbita moschata genotypes from different geographical origins. Genetika, Vol. 49, No.1, 193-202, 2017. IF 0,347  
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2. Ivanova Zh., St. Grozeva and **N. Velkov**. 2017. Induction of callogenesis and organogenesis of different melon genotypes. Journal of Bioscience and Biotechnology, 6 (2): 99-104.  
ISSN: 1314-6246 <https://editorial.uni-plovdiv.bg/index.php/JBB/article/view/174/113>
3. Ivanova Zh., K. Vasileva, **N. Velkov** and St. Grozeva. 2018. Evaluation of powdery mildew resistance in melon (*Cucumis melo* L.). Agricultural Science and Technology, VOL. 10, No 4, pp 279 - 284, 2018 DOI: 10.15547/ast.2018.04.053  
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4. Topalova, E., Bóhm, V., Tüzel, Y., Öztekin, G. B., **Velkov, N.**, Petkova, V. and Kappel, N. (2019). Response of some cucurbit genotypes to salinity stress. Acta Hort. 1257, 79-88  
<https://doi.org/10.17660/ActaHortic.2019.1257.12>
5. Ivanova Zh., **N. Velkov**, St. Grozeva. 2019. A survey of preferences to melon fruit characteristics among Bulgarian consumers. Pp. 235-241. Scientific Works of the Union of Scientists in Bulgaria - Plovdiv. Series C. Technics and Technologies. Vol. XVII., ISSN 1311 -9419 (Print); ISSN 2534-9384 (Online), 2019.  
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6. Grozeva S., **N. Velkov**, Zh. Ivanova. 2019. *In vitro* plant regeneration of two *Cucumis melo* L. genotypes using different explant types and culture medium. Ecologia Balkanica. Vol. 11, Issue 2, Pp. 193-202, ISSN:1314-0213E-ISSN:1313-9940. SJR 0.103  
<http://eb.bio.uni-plovdiv>
7. Ivanova Z. and **N. Velkov** (2021). Genetic variability in Bulgarian melon collection - flowering types and fruit quantitative traits. - Genetika, Vol 53, No.2, 545-558.  
<https://doi.org/10.2298/GENSR2102545I>
8. Ivanova Z. and **N. Velkov** (2023). Ovary Culture in Cucumber, Melon, Watermelon and Squash. Journal of Mountain Agriculture on the Balkans, 2023, 26 (5), 617-633  
<https://jmabonline.com/en/article/NKW96BOluNtUnQVK6bL>
9. **Velkov, N.**, and Dintcheva, T. (2024). Comparative Study of Watermelon as a Genesource for Organic Breeding. In Journal of Mountain Agriculture on the Balkans (Vol. 27, Issue 5, pp. 655–677).  
<https://jmabonline.com/en/article/wK0d9xqzn1cuedKnadC3>
10. **Velkov, N.** (2024). Interspecific hybridization of Cucurbita maxima, Cucurbita moschata and Cucurbita pepo species lines for rootstock breeding. In Journal of Mountain

Agriculture on the Balkans (Vol. 28, Issue 6, pp. 545-570).  
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