



Curriculum Vitae

Dzhagan V.V.

PERSONAL INFORMATION



Dzhagan Veronika Volodymyrivna

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<http://biology.univ.kiev.ua/2017-04-01-02-06-19/kafedra-fiziologii-ta-ekologii-roslin-vikladachi/741-dzhagan-veronika-volodymyrivna.html>

Соціальні мережі/чати

Аккаунт (профіль) в наукометричних базах даних

https://scholar.google.com/citations?user=T_7xBpMAAAAJ&hl=en

https://www.researchgate.net/profile/Veronika_Dzhagan

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Scopus Author ID: 6506323863

Web of Science Researcher ID: AAV-1825-2021

Gender F | Date of birth 21/07/1976 | Citizenship Ukraine

Scientific degree (degree, specialty)	Candidate of Biological Sciences (PhD), specialty 03.00.21 - mycology
Academic title	Docent
Position	Docent or Assistant professor, lecturer
Department	Department of Plant Biology
Факультет/інститут	Educational and Scientific Center «Institute of Biology and Medicine»

Academic disciplines in which participated:

This year	«Botany», educational level Bachelor, 1st year (1st semester); lectures and laboratory workshops (Specialty 091 Biology); «Biology», educational level Bachelor, 1st year (1st semester); lectures and laboratory workshop (Specialty 101 Ecology); «Plant Ecology», educational level Bachelor, 1st year (1st semester); lectures and laboratory workshop (Specialty 101 Ecology); «Plant Producers in Biotechnology», educational level Master, 6th year (1st semester); lectures and practical classes works (Specialty 162 Biotechnology and Bioengineering); «Organization of the urban environment as a system of open and closed spaces», educational level Master, 5th year (2nd semester); lectures and practical classes (Specialty 206 Landscape gardening); «Plant Biology», educational level Bachelor, 1st year (2nd semester); lectures and practical classes (Specialty 206 Landscape gardening); «Botany», educational level Bachelor, 2nd year (external form of education); lectures and laboratory workshop (Specialty 091 Biology); «Laboratory workshop», educational level Bachelor, 3th year (2st semester) (Specialty 091 Biology); «Landscape architecture», educational level Bachelor, 3rd year (6st semester); laboratory workshop (Specialty 206 Landscape gardening); «Summer training practice in botany and zoology», full-time
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	and external form of education, level Bachelor, 1st year (2st semester), (Specialty 091 Biology); «Vocational pre-diploma training», educational level Master, 6th year (1st semester) (Specialty 206 «Landscape gardening»).
In previous periods	«Forestry and gardening», educational level Bachelor, 3rd year (5st semester); lectures and practical classes (Specialty 101 Ecology); «Mycology», educational level Bachelor, 4th year (2-nd semester); lectures (Specialty 091 Biology); «Botany», educational level Bachelor, 1st year (1st semester); lectures and laboratory workshops (Specialty 091 Biology (high technologies)). «Laboratory workshop», educational level Bachelor, 4th year (2nd semester) (Specialty 091 Biology); «Fungus-like organisms» and «Introduction to taxonomy», educational level Bachelor, 4 year (1st semester); lectures and seminars (Specialty 091 Biology); «Formation of urban landscape space for healthy and comfortable human life», educational level Master, 5th year (2nd semester); lectures and practical classes (Specialty 206 Landscape gardening. «Biotransformation of raw materials of plant origin», educational level Master, 6th year (1st semester); lectures and practical classes (Specialty 162 Biotechnology and Bioengineering); «Phycotechnology and industrial cultivation of fungi», educational level Master, 6th year (1st semester); lectures and laboratory workshops (Specialty 091 Biology); «Phytooptimization of anthropogenically altered landscapes», educational level Master, 5th year (2nd semester); lectures and practical classes (Specialty 206 Landscape gardening. «Phytopathology», educational level Bachelor, 3rd year (1st semester); laboratory workshops (Specialty 206 Landscape gardening.

EXPERIENCE OF SCIENTIFIC AND SCIENTIFIC-TEACHING WORK

Період (починати з останнього)	Етап (опис)
(since 2008 to date)	<u>Docent</u> Taras Shevchenko National University of Kyiv, Educational and Scientific Center «Institute of Biology and Medicine», 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601 Teaching activity, lecturer Education
(from 2003 to 2008)	<u>Assistant</u> Taras Shevchenko National University of Kyiv, Faculty of Biology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601 Teaching activity, lecturer Education

TRAINING AND STORAGE

Період (починати з останнього)	Етап (опис)
(from 1998 to 2002)	<u>M.G. Kholodny Institute of Botany of the National Academy of Sciences of Ukraine, Department of Mycology, 2, Tereshchenkivska str., 01601, Kyiv, Ukraine</u> Ph.D. in biological sciences, "Phytotrophic micromycetes of the Yalta mountain-forest natural reserve"
(from 1993 to 1998)	Taras Shevchenko National University of Kyiv, Faculty of Biology, 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601

Specialist, "Micromycetes - biological agents of damage of works of painting"

PERSONAL SKILLS

Name	Рівень (опис)
Mother tongue	Ukrainian
Foreign Language 1	English, Level B1 / B2
Communication competence	Communicative with colleagues and students. I maintain professional contacts with the scientific community in educational and scientific activities. Member of the jury of the annual student scientific works, Olympiads.
Organizational/managerial competence	I will conduct summer training for students of the first year in Kiev (the number of students is 20 - 40). I manage the students' scientific projects, and I has trained one graduate student and 34 students who defended final qualification work.
Digital competencies	Обробка інформації: level - basic Communication: high
Other computer skills	Free possession of a standard PC user set (Windows, Microsoft Office, Internet, Multimedia)
Professional skills (from among those not listed above)	All stages of field and laboratory research to identify fungi. Well-known for the preparation of documents related to the procedure for the defence of a thesis and the awarding of academic degrees (since 2010 until 2021, I had been acting as the academic secretary of the Specialized Academic Council D 26.001.14, Educational and Scientific Center «Institute of Biology and Medicine»).
Areas of professional interest	I review educational and scientific publications and I am an opponent of candidate theses. Mycology (taxonomy, morphology of fungi, origin and evolution, mechanisms of adaptation of fungi to environmental conditions, protection and preservation of fungi, hypogeous fungi, fungi-biodestructors).

ADDITIONAL INFORMATION (THE INFORMATION SPECIFIED ABOVE IS NOT ENTERED)

Name	(titles of publications, presentations, projects, conferences, seminars, names of awards and prizes, membership in academies, professional and scientific associations, etc.)

Publications	Author of 110 scientific and educational works, including 3 textbooks. Co-author of 7 monographs. Selected Works: 1. Pluzhnyk, A., Petlovana, V., Dzhagan, V. (2025). Rapid and Efficient Method for DNA Extraction from Fungi of the Genus <i>Morchella</i> Dill. ex Pers. <i>Mikrobiolohichni Zhurnal</i>, 87 (1), 47–53. (Q3) 2. Oleksandr Smirnov, Volodymyr Dzhagan, Nazar Mazur, Veronika Dzhagan, Nataliya Taran, Viktor Schwartau. High potential of biosynthesized nanoparticles as an efficient and inexpensive tool for SERS-detection of explosives based on trinitrotoluene. <i>Ukrainian Botanical Journal</i>. 2025. Vol. 82. № 5. (Q3) 3. Krupodorova, T., Barshteyn, V., Dzhagan, V., Pluzhnyk A., Zaichenko T., Blume Y. (2024). Enhancement of antioxidant activity and total phenolic content of <i>Fomitopsis pinicola</i> mycelium extract. <i>Fungal Biology and Biotechnology</i>, 11(18). https://doi.org/10.1186/s40694-024-00187-0 (Q1) 4. Dzhagan, V., Krupodorova, T., Atamanchuk, A., Lytvynenko, Y., Dzhagan, V. (2023). Growth and morphological characteristics of some pyrophilous discomycetes in culture. <i>Biosystems Diversity</i>, 31(3). 5. Oleksandr Smirnov, Volodymyr Dzhagan, Oleg Yeshchenko, Mariia Kovalenko, Olga Kapush, Mykola Vuichyk, Veronika Dzhagan, Nazar Mazur, Vitalii Kalynovskyi, Mykola Skoryk, Volodymyr Yukhymchuk. (2023). Effect of pH of <i>Ganoderma lucidum</i> aqueous extract on green synthesis of silver nanoparticles. <i>Adv. Nat. Sci.: Nanosci. Nanotechnol.</i> 14 035009 6. Джоган В.В., Петльована В.Р. Перспективи використання мікоризних грибів для підвищення стійкості зелених насаджень урбанізованих територій. <i>Теорія та практика дизайну</i>. 2023. № 27. – С. 198-203. 7. O. Smirnov, V. Dzhagan, M. Kovalenko, O. Gudymenko, V. Dzhagan, N. Mazur, O. Isaieva, Z. Maksimenko, S. Kondratenko, M. Skoryk, V. Yukhymchuk (2023). ZnO and Ag NP-decorated ZnO nanoflowers: green synthesis using <i>Ganoderma lucidum</i> aqueous extract and characterization. – <i>RSC (Royal Society of Chemistry) Advances</i> 13 (1), 756-763. 8. Yulia I. Lytvynenko, Vera P. Hayova, Olexander Yu. Akulov, Veronika V. Dzhagan, Daria A. Romanova. 2022. An update on the occurrence of the Sporormiaceae (Pleosporales) in Ukraine. <i>Czech Mycol.</i> 74(2): 195–226. 9. Dzhagan V, Dzhagan V, Hreshchuk O, Taran N. 2021. Analysis of scarlet elf cup (<i>Sarcoscypha coccinea</i>) carotenoids in vivo by Raman spectroscopy. – <i>Journal of Raman Spectroscopy</i>. – 52: 600 – 607. https://doi.org/10.1002/jrs.6036 10. Oleksandr Smirnov, Mariia Kovalenko, Leila-Anastasiia Karpets, Volodymyr Dzhagan, Olga Kapush, Veronika Dzhagan, Yevheniia Konotop, Nataliya Taran. 2021. Phytotoxic effects of CdTe quantum dots on root meristems of <i>Allium cepa</i> L. – <i>Nova Biotechnol Chim.</i> – 20(1): DOI: 10.36547/nbc.890 11. Veronika V. Dzhagan, Yulia V. Shcherbakova, Yulia I. Lytvynenko. 2021. New and noteworthy records of operculate discomycetes of the Pyrenomataceae (Pezizales) from Ukraine. – <i>Czech Mycology</i>. – 73(2): 137-150. DOI: https://doi.org/10.33585/cmy.73202 12. Hrytsev Oleh, Liudvinovsky Oleg, Shevchenko Julia, Dzhagan Veronika, Larysa Skivka. 2021. Comparative assessment of spray nozzles efficacy in the control of <i>Fusarium</i> head blight in the barley crops using developed quantitative PCR assay. – «EUREKA: Life Sciences». – 4: 9-18. 13. Dzhagan V.V., Shcherbakova Yu.V, Sniezhyk A.I. A new record of the rare fungus <i>Peziza saniosa</i> (Pezizales, Ascomycota) in Ukraine / <i>Ukrainian Botanical Journal</i>, 2020, 77(3): 204–209. https://doi.org/10.15407/ukrbotj77.03.204 14. Veronika Dzhagan, Alisa Atamanchuk, Yulia Lytvynenko, Yulia Shcherbakova, Nadiya Tsvyd. Contribution to study of the pyrophilous fungi of Ukraine (2020). <i>Botanica Serbica</i>. – 44 (2): 231-241. 15. Lytvynenko Yu.I, Dzhagan V.V. and Nyshenko V.V. <i>Selinia pulchra</i> (G. Winter) Sacc. (Bionectriaceae, Ascomycota): a new genus and species record for Ukraine (2020). <i>Current Research in Environmental & Applied Mycology (Journal of Fungal Biology)</i>. - 10(1): 26-33. 16. Fungi of reserves and national nature parks of the Ukrainian Carpathians / Edited by Ph.D. V.P. Heluta. - Kyiv, Naukova Dumka, 2019. - 214 p. ISBN 978-966-00-1719-1 17. Dzhagan V. V., Pluzhnyk A. V. New finds of fungi for the nature tract "Kholodnyi Yar" // <i>Nature of Western Polesie and surrounding territories</i>. 2019, No. 16, p. 156 - 160. 18. Lytvynenko Yu.I., Dzhagan V.V., Topchii I.V., Shcherbakova Yu.V. (2018). Dung-inhabiting ascomycetes from the Ukrainian Carpathians. - <i>Czech Mycology</i> 70(2). 145-167. 19. Suhomlin M.M, Dzhagan V.V. Fungi of Ukraine: Atlas-reference book, 2nd edition / K: KM-BUKS Publishing Group, 2017. - 240 p.
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	20. Shcherbakova Yu.V., Dzhagan V.V., Zykova M.O., Boromenskiy D.O., Kolomoiets O.S. First records of <i>Thecotheus rivicola</i> (Ascombolaceae) in Ukraine // Ukrainian Botanical Journal. - 2017, Vol. 74(3): P. 288–292. https://doi.org/10.15407/ukrbotj74.03.288 21. V.P. Heluta, V.V. Dzhagan, O.O. Senchylo First records of a powdery mildew fungus <i>Sawadaea bicornis</i> (Wallr.) Homma on <i>Acer velutinum</i> Boiss. in Ukraine // Plant introduction.– 2016. – № 1. – P. 64 - 69. 22. Zykova M.O., Dzhagan V.V., Dudka I.O. The first data on discomycetes of Synevyr National Nature Park // Ukrainian Botanical Journal. - 2016, Vol. 73(5): P. 510–515. . https://doi.org/10.15407/ukrbotj73.05.510 23. Veronika Dzhagan, Pablo Alvarado and Yulia Shcherbakova. <i>Hydnotrya bailii</i> Soehner (Ascomycota, Pezizales), a new hypogeous fungus for the Ukraine (2015)/ Nova Hedwigia. - Vol. 100.- Issue 1-2. - P. 259-263. (IF: 0.99).(Scopus) 24. Scherbakova Yu.V., Dzhagan V.V. <i>Scutellinia torrentis</i> (Pyronemataceae, Pezizales), a new for Ukraine species from the Carpathian Biosphere Reserve // Ukrainian Botanical Journal. – 2015. – Vol. 72(1): P. 50-54. http://dx.doi.org/10.15407/ukrbotj72.01.050 25. Dzhagan V., Shcherbakova Yu., Senchylo O. New records of macromycetes from the Red Data Book of Ukraine in Carpathian Biospheric Reserve // Visnyk of Lviv University. Series: Biology. – 2015. – (2)70: P. 59-66. 26. Shcherbakova Yu., Dzhagan V. The first data about fungi and fungus-like organisms of Drevlanskiy Nature Reserve // Bulletin of Taras Shevchenko National University of Kyiv. Series: Biology. – 2015. – (2)70: P. 27-29. 27. Dzhagan V.V., Scherbakova Yu.V. New for Ukraine species of the genus <i>Scutellinia</i> (Pyronemataceae, Pezizales) from the Svydovets Mountain Range (Carpathian Biosphere Reserve) // Ukrainian Botanical Journal. – 2013. – Vol. 70(3): P. 405-410. 28. Dzhagan V.V., Scherbakova YU.V. New for Ukraine records of ascomycetes from the Svydovets mountain range (Carpathian Biosphere Reserve) // Ukrainian Botanical Journal. 2012. – Vol. 69(5): P. 721-728. 29. Heluta V., Hayova V., Tykhonenko Y., Dzhagan V., Umanets O. Microfungi on plants from Tendra Island (Ukraine, Black Sea) // Polish Botanical Journal. – 2010. – 55, № 2.- P.53-59.
Projects	«Microalgal culture collections ACKU and IBASU-A: a platform for Ukrainian-European partnerships on biodiversity conservation and rational nature management», 01.05.2024-01.05.2025 (EURIZON (Grant Favor 871072)).
Conferences	V. Petlova, V. Dzhagan, A. Pluzhnyk, T. Mikhailyuk (2025). Purification of microalgae cultures from fungal and bacterial contaminants// 21th Scientific Phycology Meeting Section Phycology in DBG, Göttingen University, 9.-12.3.2025. Mikhailyuk T., Petlova V., Burova O., Demchenko E., Dzhagan V., Pluzhnyk A., Friedl T. Microalgal culture collections ACKU and IBASU-A: a platform for ukrainian-european partnerships on biodiversity conservation and rational nature management // Proceedings of the XV Congress of the Ukrainian Botanical Society (Ivano-Frankivsk, September 30 - October 4, 2024) – 2024 – P. 22. N.V. Mazur, O.E. Smirnov, M.S. Kovalenko, V.V. Dzhagan, V.S. Yefanov, O.A. Yeshchenko, V.M. Dzhagan, V.O. Yukhymchuk. SERS-application of Ag nanoparticles synthesized from bio-extracts. International conference "Nanotechnology and nanomaterials" (NANO-2022) 25-27 August 2022, Lviv, Ukraine. Volodymyr Dzhagan, Yuriy Azhniuk, Veronika Dzhagan, Oleksandr Hreshchuk, Halyna Azhniuk, Vasyl Lopushansky. Raman Spectroscopy of Carotenoids in <i>Sarcoscypha coccinea</i> (Fungi) // XXV Galyna Puchkovska International School-Seminar "Spectroscopy of Molecules and Crystals" (XXV ISSSMC) (21-24 September 2021, Kyiv). – Kyiv, 2021. – P. 89. Veronika Dzhagan, Yulia Shcherbakova. New records of Tuber species (Pezizales, Ascomycota) in the Ukrainian Carpathians / Sp. Iss. STUDIA UNIVERSITATIS BABEȘ-BOLYAI, BIOLOGIA, LXII, 2017. p. 107-108. (The Second Interdisciplinary Symposium "Biogeography of the Carpathians: Ecological and evolutionary facets of biodiversity" 28-30 September 2017, Cluj-Napoca, Romania).
Prizes and awards	Taras Shevchenko Prize of Kyiv National Taras Shevchenko University (2019). The honorary diploma of Taras Shevchenko National University of Kyiv for successes in educational and scientific work (2019). Diploma of the Rector of Taras Shevchenko National University of Kyiv for success in educational, scientific and educational work (May, 2025).

Membership in organizations	Member of European Mycological Association (EMA) and Ukrainian Botanical Society (section of Mycology).
Certificates	Certificate of English Language № 3486 for Languages of Level B2 (2018). Certificates of advanced training and pedagogical competencies of teachers KNU Teach Week I – IV (March 1, 2021; June 9, 2021; February 7, 2022; January 20, 2023). Certificate of successful completion of the course "Digital Skills Pro" (March 22, 2021). Certificate № 15GW-035 on professional development of pedagogical and scientific workers "Google Digital Tools for institutions of professional higher education" (Academy of Digital Development, 19.09.2021). Certificate of participation in the XV Congress of the Ukrainian Botanical Society, Ivano-Frankivsk, 29.08 - 04.10.2024. Certificate of Scientific Internship (under the Academic Mobility Program) at the Georg-August University of Göttingen, Germany (issued on March 18, 2025). Certificate of successful completion of the course "Plant Pathology" within the framework of the project "UNSTE: Ukraine Natural Science Talent Empowerment (Dairy number 01254/20230)", provided by the SI Programme: Baltic Sea Neighbourhood (June, 2025).