



Curriculum Vitae

Voitsekhivska O.V.

PERSONAL INFORMATION



Voitsekhivska Olena Vasylivna

64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601

+38044 5221427

matushka@i.ua; matushka@univ.net.ua

Facebook, LinkedIn

Account in scientific databases:

Sex female | Date of birth 08.09.1974 | Citizenship Ukraine

Scientific degrees (specialization)	PhD degree in Ecology
Academic rank	Associate Professor
Position	Associate Professor
Department	Chair of Plant biology
Faculty/Institute	Educational and Scientific Center "Institute of Biology and Medicine"
Part-time position	-

EDUCATIONAL DISCIPLINES IN WHICH WAS INVOLVED:

Current year	<ol style="list-style-type: none">1. Biometrics, bachelor, 2nd year, lectures, laboratory works2. Soil science and soil microbiology, bachelor, 2nd year, lectures, laboratory works3. Plant Physiology, bachelor, 4th year, lectures, laboratory works4. Ionic homeostasis of plants to heavy metals, master's degree, 2nd year of studies, lectures, laboratory works5. Botany, bachelor, 1st year, laboratory works6. Plant Physiology, bachelor, 2nd year, laboratory works7. Root nutrition of plants, bachelor, 4th year, lectures8. Methods of experimental phytophysiology, bachelor, 4th year, lectures9. Laboratory Workshop on Plant Physiology, bachelor, 4th year, laboratory works10. Secondary metabolism of plants, master's degree, 1st year of studies, lectures, laboratory works
Previous years	<ol style="list-style-type: none">1. Management of the environment, master's degree, 2nd year of studies, lectures, laboratory works2. Mathematical modeling in biology, bachelor, 3rd year, lectures3. Biologically active substances of plants, master's degree, 1st year of studies, lectures4. Soil biology, bachelor, 4th year, lectures5. Basics of the scientific research, bachelor, 3rd year, lectures6. Anatomy of plants, bachelor, 1st year, laboratory works7. Biodiversity, master's degree, 1st year of studies, laboratory works

SCIENTIFIC AND PEDAGOGICAL EXPERIENCE

Period (starting from last)	Description
Since 02.02.2017	Associate Professor of Plant Biology Chair Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601; http://www.knu.ua/ .

	Education
From 29.05.2008 till 01.02.2017	Associate Professor of Plant Physiology and Ecology Chair Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601; http://www.knu.ua/ .
	Education
From 01.02.2002 till 28.05.2008	Assistant Professor of Plant Physiology and Ecology Chair Taras Shevchenko National University of Kyiv; 64/13, Volodymyrska Street, City of Kyiv, Ukraine, 01601; http://www.knu.ua/ .
	Education
From 06.12.1999 till 31.01.2002	Junior Researcher at the Research Laboratory "Physiological bases of plant productivity" of Biological Department Taras Shevchenko University of Kyiv; 60, Volodymyrska Street, City of Kyiv, Ukraine, 01033; http://www.knu.ua/ .
	Science

EDUCATION AND TRAINING

Period (starting from last)	Description
From 01.10.2014 till 30.11.2014	<u>Internship</u> V.M. Glushkov Institute of Cybernetics of NAS of Ukraine, Department of Discrete Optimization Methods, Mathematical Modeling and Analysis of Complex Systems, Kyiv, Ukraine
	<u>Obtained qualification</u> Development of lectures and laboratory lessons in educational disciplines: Mathematical statistics in experimental physiology of plants, Biometrics
From 09.11.1996 till 30.10.1999	<u>Study</u> PhD student Taras Shevchenko National University of Kyiv
From 23.08.1997 till 18.10.1997	<u>Internship</u> Ghent University, Faculty of Bioscience Engineering, Gent, Belgium
	<u>Obtained qualification</u> Preparation and writing of the section of PhD thesis «Features of migration and accumulation of lead on the horizons of soil and plant organs»
From 01.09.1991 till 25.06.1996	<u>Study</u> Student Taras Shevchenko National University of Kyiv

PERSONAL SKILLS

Name	Level (description)
Native language	Ukrainian
Foreign language 1	Russian
Foreign language 2	English
Communicative competence	Skills for finding information and analyzing experimental data, creativity, communication skills in professional activities, including at the international level. Possession of modern information technologies, application of new approaches and forecasting, ability to abstract thinking, analysis and synthesis of information in the field of biology and on the boundary of subject areas.
Organizational / management competence	Ability to develop research projects and manage them, to conduct course and graduation works of students, research work of schoolchildren of the Small Academy of Sciences, educational and industrial practices of students of ESC "Institute of Biology and Medicine". Curator of the academic group of students. The secretary of the Department of Plant Biology. Member of the jury of the All-Ukrainian Biological Forum for Students and Students of Youth "Touch of Nature", All-Ukrainian contest Intel-Eco-Ukraine.
Other computer skills	Microsoft Office Excel Experimental Biometric Processing Application Package Skills. Use of software for creating presentations, posters, diagrams, drawings, graphs, photo editing.

Professional skills (not mentioned above)	In my work I use: Anatomical, spectrophotometric, chromatographic, atomic absorption methods, carry out agrochemical analysis of soils. Methods of growing plants under artificial conditions (water, sand culture). Mathematical methods: for planning, generalization and analysis of the results of mass observations, statistical processing of data, estimation of hypotheses arising from the use of quantitative methods in research work, as well as the development and the use of methods for describing experimental data by probable models.
Fields of professional interests	Ecological and physiological estimation of the state of plant groups for the technogenic pollution of the environment, development of mathematical models of migration of heavy metals in the soil-plant system, adaptive mechanisms of plants under the action of heavy metals and UV irradiation, physiology of secondary metabolism, phenolic compounds: diversity, biological activity, promising use .

ADDITIONAL INFORMATION

Item	Titles of publications, projects, conferences, awards and prizes, memberships in academies and societies etc.
Publications	<p><u>Підручники/посібники</u> Podpryatov GI, Voitsekhivsky V.I., Kilian M., Smetanskaya I.M., Tokar A.Yu., Voytsekhivska O.V., Orlovsky M.Ye. Technologies of storage, processing and standardization of agricultural products. - Tutorial. - K. : Comprint, 2017. - 658 p. Musienko M.M., Voitsekhivska O.V., Batsmanova L.M. Environmentally sustainable society in the future – reality and prospects / Monografia. Wybrane zagadnienia Rolnictwa I ekologii. – Opole, 2016. – P. 81 – 88. Musienko M.M., Voitsekhivska O.V. General Ecology: Textbook. K. : Steel, 2010. – 395 p. Voitsekhivska O.V., Kapustian A.V., Kosyk O.I., Musiyenko M.M., Olkhovich O.P., Panyuta O.O., Parshikova T.V., Slavnyy P.S. Plant physiology. Practical course. – Lutsk, 2010. – 420 p. Voitsekhivska O.V. Plant physiology: Methodical recommendations for students of the biological faculty. K. : Polygraphic section of V.M. Glushkov Institute of Cybernetics of NAS of Ukraine, 2010. – 48 p. Voitsekhivska O.V., Sytar O.V. Methods of mathematical statistics in physiology of plants (course of lectures). – K. : Polygraphic section of V.M. Glushkov Institute of Cybernetics of NAS of Ukraine, 2010. – 48 p. Voitsekhivska O.V., Sytar O.V. Application of information technologies for processing of physiological parameters of plants (methodical recommendations for practical classes). – K. : Polygraphic section of V.M. Glushkov Institute of Cybernetics of NAS of Ukraine, 2010. – 94 p.</p> <p><u>Articles</u> Musienko MM, Batsmanova L.M., Voitsekhivska O.V. Global Climate Change and Conceptual Foundations of Sustainable Agroecosystem Development // Agroecological Journal. - T.2. - P. 21-30. – 2017. Golubenko AV, Zinchenko AV, Didenko VI, Voitsekhivska O.V., Taran N.Yu. In vitro morphogenetic ability of the genus Centaurea Kleop species. flora of Ukraine // Bulletin of the Ukrainian Society of Genetics and Breeders named after. M.I. Vavilov. - T. 15. - P. 20-24. – 2017. Voitsekhovsky V.I., Smetanskaya AND N., Voytsekhovskaya E.V. Changes in the content of polyphenols and ascorbic acid in black pudding compotes, jam and jam during storage // Collection of scientific works "Innovative approaches and perspective ideas of young scientists in agrarian science". - 2017. - P. 170-174. Korchevskaya V.V, Voitsekhivska O.V. Monitoring of vitality of populations of rare plants of the Orchidaceae family in phytocoenoses of the suburbs with. Semipolki // Bulletin of the Kiev National University. Biology. - T.1. - Whip 73. - P. 48-53. - 2016 Nesterova N.G., Voitsekhivska O.V. Composition of Antioxidant Enzymes in Leaves of Woody Species of Plants Under the Impact of Anthropogenic Stress // Scientific View to the Future. - Issue 2 (2). Biology. Volume 12. - Odessa: Kuprienko SV, 2016. - P. 68 - 72. Voitsekhovsky V.I, Slobodyanyk G.Ya., Voitsekhivska O.V., Rebezov M.B. Biological value of the fruits of mid-hemisphere and mid-late varieties of pepper // Young Scientist (International Scientific Journal). - No. 21 (125). – 2016. - P. 274-276. Voitsekhivska OV, Sitar O.V., Taran N.Yu. Phenolic compounds: diversity, biological activity, prospects // Bulletin of Kharkiv National Agrarian University. Sir Biology. - V 1 (34). - 2015. - P. 104-119.</p>

Projects	"Conservation of biodiversity and comprehensive study of adaptation strategies of phyto-, zoo and virobiots of Ukraine using bioinformatics technologies" (DPRK №11BF036-02).
Conferences	The International research and practice conference "Nanotechnology and nanomaterials" (NANO-2017), 2017 XIII International Scientific Conference of Young Scientists Shevchenkivska vesna: life sciences, 2017 XV International Scientific Conference "Shevchenkivska vesna: bioscience advances". – Kyiv, 2017. V International scientific and practical conference of young scientists and specialists: Selection, genetics and technologies of cultivation of crops, 2017. International scientific and practical conference "Scientific bases of creation of innovative products in crop production", 2017. XIV International Scientific Conference of Students and Young Scientists Shevchenkivska vesna: life sciences, 2016
Awards and prizes	Premium of the National Academy of Sciences of Ukraine for young scientists for a series of scientific papers "Analysis and forecasting by methods of mathematical modeling of adaptive processes of living systems to the action of adverse environmental factors" (2005)
Membership in academies, professional and scientific associations	Member of Ukrainian Society of Plant Physiologists Member of Ukrainian Biochemical Society

SUPPLEMENTS

Name	Links
Diplomas	PhD Diploma in Ecology (2001)
Certificates	Associate Degree Certificate (2010)
Publications	<p>Voitsekhivska O.V. Work program of the discipline "Biometry", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of educational discipline "Soil Science and Soil Microbiology", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of the discipline "Ionic homeostasis of plants to heavy metals", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of educational discipline "Physiology and biochemistry of plants (for students of correspondence form of studying)", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of educational discipline "Root nutrition of plants", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of educational discipline "Mathematical statistics in experimental physiology of plants", 2017. - 8 p.</p> <p>Voitsekhivska O.V. The work program of the academic discipline "Laboratory Workshop on Plant Physiology", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of educational discipline "Secondary metabolism of plants", 2017. - 8 p.</p> <p>Voitsekhivska O.V. Work program of the academic discipline "Allelopathy", 2017. - 8 p.</p>