



IHOR VERESHCHAHIN

Date of birth 22 February 1986

Citizenship *Ukrainian*

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**Personal profiles in
scientometric databases***

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Web of Science V-8513-2018

ORCID: <https://orcid.org/0000-0002-6589-5138>

Google

scholar:

<https://scholar.google.com.ua/citations?user=JtY800oAAA&hl=ru>





Education *	<p>1. Bachelor, specialty "Pedagogical education" Hlukhiv National Pedagogical University, Hlukhiv (Ukraine) Teaching biological disciplines, psychology, 2007, diploma SMN^o32916518.</p> <p>2 Specialist, specialty "Pedagogy. Methods of secondary education. Biology. Practical psychology" Hlukhiv National Pedagogical University, Hlukhiv (Ukraine) Teaching biological disciplines, psychology", 2008, diploma SMN^o35194552.</p> <p>2. Sumy National Agrarian University, specialty "Agronomy", 2022, diploma M22N^o088590.</p>
Academic degree *	<p>Candidate (Doctor of Philosophy) of Agricultural Sciences from 23 September 2014. YURIEV PLANT PRODUCTION INSTITUTE of the National Academy of Agrarian Sciences of Ukraine, 06.01.05 - breeding and seed production, DK N^o023358</p>
Academic title *	<p>Associate Professor of the Department of Selection and Seeds named after M.D. HONCHAROV from 9 August 2022, N^o011178</p>
Professional work experience *	<p>September 2022 to date Associate Professor of the Department of Selection and Seeds named after M.D. HONCHAROV</p> <p>September 2019 to August 2022 Senior Teacher of the Department of Selection and Seeds named after M.D. HONCHAROV</p> <p>September 2017 to August 2019 Associate Professor of the Department of Selection and Seeds named after M.D. HONCHAROV</p> <p>November 2011 to August 2017 Researcher of Institute of fibre crops of the National Academy of Agrarian Sciences of Ukraine, Tereshchenkiv str., 45, Hlukhiv city, Sumy Region, (Ukraine)</p>
Main research activities	
<p>Management of collective research projects (which received funding on a competitive basis outside the main place of work)</p> <p>(no more than 5 positions in the last 10 years)</p>	-





Participation in collective research projects

(no more than 5 positions in the last 10 years)

- 1) Program Erasmus+, project KA2 n° 586383-EPP-1-2017-1-SI-EPPKA2-CBHE-JP (2017-2978/001-001), Project "Improving skills in laboratory practice for agrifood specialist in eastern Europe" (Ag-Lab)
- 2) Performer of the State Technical Project "Development of a biologically oriented sunflower cultivation system for the conditions of the Naton Farm" state registration number 0122U000100
- 3) Performer of the State Technical Project "Scientific support of field crop cultivation technologies (sunflower)", state registration number 0124U000008.

Individual research projects (which have received funding on a competitive basis from a third party)

(no more than 5 positions in the last 10 years)

Using Genetic Analysis to Select the Best Crops for Different Traits
<https://bioukraine.org/news/ihor-vereshchahin-using-genetic-analysis-to-select-the-best-crops-for-different-traits/>

Main scientific achievements

Published scientific papers*

(no more than 10 items for the last 10 years)

1. Karpenko, Yu., Rozhko, V. M., Butenko, A.O., Masyk, I.M., Malynka, L. V., Didur, I. M., Vereshchahin, I. V., Chirva, A.S., Berdin S.I. Post-harvest siderates impact on the weed littering of maize. *Ukrainian Journal of Ecology*. 2019. 9(3). 300 – 303.
2. Kozhushko, N. S.; Sakhoshko, M. M.; Onychko, V. I.; Butenko, Ye. Yu.; Kandyba, N. M.; Bashtovyi, M. H.; Vereshchahin, I. V.; Klochkova, T. I.; Zavora, Y. A.; Smilik, D. V. Biochemical tuber composition of promising potato hybrids. *Modern Phytomorphology*, 2020. 14. 20-26. DOI10.5281/zenodo.200107
3. Ihor Kovalenko, Vladyslav Kovalenko, Andrii Butenko, Ihor Vereshchahin, Ivan Sobran, Nataliya Kandyba. Rooting and Adaptation of *Solanum tuberosum* L. under Ex Vitro Conditions after Exposure to Different Sucrose Concentrations in the In Vitro Nutrient Medium. *Agricultural Mechanization in Asia*. 2021. V. 52(02). pp. 3431–3435. <https://doi.org/10.3390/IECAG2021-09712>
4. Karbivska, U. M.; Kovalenko, I. M.; Onopriienko, V. P.; Onychko, T. O.; Radchenko, M., V.; Pshychenko, O., I.; Hotvianska, A. S.; Tykhonova, O. M.; Vereshchahin, I. V.; Bordun, R. M.; Tymchuk, D. S. Economic and energy efficiency of growing legume grasses. *Modern Phytomorphology*. 2022. V. 16. 21–26.





5. Ihor Kovalenko, Ihor Vereshchahin, Yevheniia Butenko, Natalia Kandyba, Viktor Onychko, Olha Bakumenko, Vladyslav Kovalenko, Tetiana Klochkova. *Rapd-Analysis of Flax Varieties of the Ukrainian National Collection. Ecological Engineering & Environmental Technology. 2022. V. 23(3). pp. 1–6. <https://doi.org/10.12912/27197050/146384>*

6. Y. A. Hryhoriv, A. Butenko, L. Kriuchko, O. Tykhonova, V. Toryanik, N. Kravchenko, V. Onopriienko, I. Vereshchahin, R. M. Bordun, R. Kuzmenko, D. Krylov (). *The influence of care systems on biometric and yield indicators of oats. Modern Phytomorphology. 2023. 17. 66 – 70.*

DOI: [10.5281/zenodo.2023-17-200118](https://doi.org/10.5281/zenodo.2023-17-200118).

7. Oleg Kolisnyk, Liudmyla Yakovets, Sergey Amons, Andrii Butenko, Viktor Onychko, Olena Tykhonova, Anna Hotvianska, Natalia Kravchenko, Ihor Vereshchahin, Vitalii Yatsenko (2024). *Simulation of High-Product Soy Crops Based on the Application of Foliar Fertilization in the Conditions of the Right Bank of the Forest Steppe of Ukraine. Ecological Engineering & Environmental Technology. 2024 25(7). 234–243. <https://doi.org/10.12912/27197050/188638>*

8. Andrii Kysylchuk, Elina Zakharchenko, Svitlana Turchina, Liudmyla Dashutina, Yehor Bolshakov, Svitlana Lemishko, Svitlana Chernykh, Volodymyr Azarov, Serhii Berdin, Ihor Vereshchahin, Roman Tkachenko (2025). *Management of cultivation, market analyses, diversification, and changes in herbicide groups of sunflowers in the northeastern region of Ukraine. Modern Phytomorphology. 19. 178-182. DOI: [10.5281/zenodo.200121](https://doi.org/10.5281/zenodo.200121) ([10.5281/zenodo.2025-19-PDFNo.](https://doi.org/10.5281/zenodo.2025-19-PDFNo.))*

Other significant scientific achievements

(no more than 5 positions for the last 10 years)

1. Kovalenko IM, Kandyba NM, Rozhkova T, Kryuchko LV, Bakumenko OM, Kovalenko VM, Vereshchagin IV, Danilchenko OM Textbook 'Laboratory work in agronomy'. Sumy: FOP Tsioma SP, 2020. 236 c. ISBN 978-617-7487-67-7
2. Agronomy: a textbook for the third (educational and scientific) level of higher education in the specialty H1 "Agronomy" [Electronic resource] / A. V. Melnyk, Yu. I. Danko, Yu. G. Mishchenko and others. ; ed. A. V. Melnyk, Yu. I. Danko. – Odesa: Oldi+, 2025. – 550 p. – (Series "To help the graduate student")

Presentation of scientific results





Keynote (plenary)
presentations at conferences of
national or international level
(except for conferences that
have always been held in
absentia)

1. Vereshchahin I.V., Samobrod, Yu. V., Skafa A.S. Isolation of DNA from long-stem flax plants using the salt method. Materials of the International Scientific and Practical Conference "GONCHAR'S READINGS" (Sumy, May 24-25, 2021) 2021. P. 21 – 23.
2. Pichkoby V. M., Nedogybchenko A. S., Vereshchahin I. V. Biotechnological methods in flax breeding. "Gonchar's Readings": materials of scientific – practical conference, Sumy, 2023. Sumy: SNAU, 2023.
3. Kozlov S. M., Logvin T. V., Vereshchahin I. V. Modern trends in sunflower breeding for the qualitative composition of oil. "Gonchar's Readings": materials of scientific – practical conference, Sumy, 2023. Sumy: SNAU, 2023.
4. Bondarets R.S., Vereshchahin I.V. Agroecological aspects of the selection of hybrids of classical and high-oleic sunflower in the conditions of Polissya, Ukraine // "Honchariv Readings": materials of scientific and practical conference, Sumy, 2024 Sumy, 2024. P. 19 - 21.
5. Lysenko M. O., Vereshchahin I. V. Modern technologies of sunflower cultivation and their impact on crop yield // "Honchariv Readings": materials of scientific and practical conference, Sumy, 2024 Sumy, 2024. P. 77 - 79.
6. Maslak S. M., Lukash O. O., Vereshchahin I. V. Dependence of soybean yield on the activity of *Rhizobium japonicum* bacteria // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2024 Sumy, 2024. P. 55 - 57.
7. Yaremchuk M. G., Vereshchahin I. V. Conditions for the formation of winter rapeseed productivity // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2024 Sumy, 2024. P. 100 - 103.
8. Vasylenko S.V., Vereshchahin I.V. The impact of spring frosts on winter rapeseed: biological features, risks and protection strategies // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2025 Sumy, 2025. P. 63 - 65.
9. Kutakh M. O., Vereshchahin I.V. The impact of agrotechnical factors on the productivity of corn hybrids // "Gonchariv Readings": materials of scientific - practical conference, Sumy, 2025 Sumy, 2025. P. 70 - 72.
10. Vereshchahin I., Kandyba N., Lu Xiao Xiao. Using scanning electronic microscopy in anatomical studies of flax. "Topical issues of the development of modern science": Abstracts of IX International Scientific and Practical Conference, Sofia, Bulgaria, May 6-8, 2020. Sofia. 2020. P. 159-163.





Personal presentations outside Ukraine at the invitation of higher education institutions, research institutions or professional associations (except for CIS countries)

(no more than 10 positions for the last 10 years)

Reports at scientific conferences* (seminars, symposia, etc.)

(no more than 10 items for the last 10 years)

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- 1) Vereshchahin I.V., Borisenko Ya.A. Selection and genetic potential of wild and modern sunflower in breeding for the qualitative composition of oil: Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023. Sumy, 2023. P. 105.
 - 2) Vereshchagin I.V., Zherebilov M.A. Cytoplasmic male sterility of corn. Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023. Sumy, 2023. P. 106.
 - 3) Vereshchahin I.V., Pichkobi V.M. Experimental directions in flax breeding. Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023 Sumy, 2023. P. 107.
 - 4) Vereshchahin I.V., Semonenko A.S. Heterozygous selection of corn for productivity. Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023 Sumy, 2023. P. 108.
 - 5) Vereshchahin I.V., Tkachenko V.P. Prerequisites and results of cannabis selection for drug-freeness. Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023 Sumy, 2023. P. 109.
 - 6) Vereshchahin I.V., Shevchenko A.P. Molecular analysis in the identification of corn lines. Materials of the scientific and practical conference of teachers, postgraduate students and students of Sumy NAU April 25-28, 2023 Sumy, 2023. P. 110.
 - 7) Vereshchahin I.V., Nikitenko E.V. The impact of meliorative measures on the yield of winter wheat //Materials of the scientific and practical conference of teachers, postgraduates and students of Sumy NAU (April 14-18, 2025). – Sumy, 2025. P. 98. 24.
 - 8) Vereshchahin I. V., Papalutsa P. P. Peculiarities of potato breeding for yield//Materials of the scientific and practical conference of teachers, postgraduates and students of Sumy NAU (April 14-18, 2025). – Sumy, 2025. P. 99.





<p>Scientific editing (compilation) of scientific publications</p> <p><i>(no more than 5 positions for the last 10 years)</i></p>	-
Teaching activity	
<p>Main author's training courses in higher education institutions (developed on the basis of own research)</p> <p><i>(no more than 5 items for the last 10 years)</i></p>	-
<p>Major author's methodological developments (textbooks, manuals, teaching materials, curricula for higher education)</p> <p><i>(no more than 5 items for the last 10 years)</i></p>	<ol style="list-style-type: none">1. Vereshchahin I. V., Kandyba N. M. Genetics with the basics of breeding: Methodological instructions for conducting laboratory and practical classes for 2nd year students of the specialty 205 "Forestry" and 206 "Horticulture and Park Management". – Sumy: Sumy National Agrarian University, 2022. – 70 p.2. Kozhushko N. S., Vereshchahin I. V. Special breeding of agricultural crops: methodological instructions for conducting laboratory and practical classes. – Sumy: SNAU, 2023.- 34 p.3. Kozhushko N. S., Vereshchahin I. V. Breeding of individual crops and variety science: methodological instructions for independent work of 1st year students of the specialty 201 Agronomy of full-time and part-time study. – Sumy: SNAU, 2025.- 34 p.4. Onichko V.I., Vereshchahin I.V. Course of lectures for 4th year students of specialty 201 "Agronomy", full-time and part-time study, educational degree "Bachelor". Sumy. 2022. 178 p.5. Kozhushko N.S., Vereshchahin I.V. Breeding of individual crops and variety science: Course of lectures for 1st year students of full-time and part-time study. Educational degree: master Specialty 201 Agronomy. – Sumy: Sumy National Agrarian University, 2022 – 95 p.
<p>Supervision of scientific work (scientific supervision or consulting of dissertation)</p>	-





research that has been successfully defended) <i>(no more than 5 positions in the last 10 years)</i>	
Expert activity	
Membership in specialised academic councils for the defence of dissertations <i>(no more than 5 positions in the last 10 years)</i>	-
Participation in expert councils (supervisory, advisory, expert or other councils of scientific, educational or research institutions, enterprises, cultural institutions, scientific publishing houses outside the main place of work) <i>(no more than 5 positions in the last 10 years)</i>	-
Scientific and expert activities for public authorities (scientific and expert opinions, comments, conclusions, etc. made at the request or order of public authorities and self-government bodies, state structures, institutions, etc.) <i>(no more than 5 items for the last 10 years)</i>	-
Scientific peer review of publications and projects (number of anonymous reviews of manuscripts of scientific papers submitted for publication in international scientific journals over the past	-





5 years; author's reviews of scientific publications published in professional periodicals)

(no more than 5 positions for the last 5 years)

Honours and awards

Awards or distinctions for scientific achievements (from institutions, departments, authorities and local governments, etc.)

(no more than 5 positions in the last 10 years)

Improving scientific qualifications

Additional professional training (trainings, summer schools, educational seminars, workshops, courses, etc. to obtain relevant scientific knowledge, skills and abilities)

(no more than 5 positions in the last 10 years)

- 1) Internship within the framework of the Erasmus+ Program, project KA2 n° 586383-EPP-1-2017-1-SI-EPPKA2-CBHE-JP (2017-2978/001-001), Project "Improving skills in laboratory practice for agri-food specialists in eastern Europe" (Ag-Lab).
- 2) 16.09.2019 – 02.10.2019. National University of Life Resources and Environmental Sciences "Innovative orientation of pedagogical activity"; CC00493706/010230-19.
- 3) 31.10.2022 – 11.11.2022. National University of Life Resources and Environmental Sciences. "Development of innovative professional competencies in pedagogical activity"; CC00493706/017636-22

Scientific internships abroad (for more than 2 months, in higher education institutions or research institutions, except for part-time and excluding CIS countries)

(no more than 5 positions in the last 10 years)

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Membership in independent scientific organisations (non-institutional professional academic associations, societies, unions, unions of

Member of the All-Ukrainian public organization "Ukrainian Society of Geneticists and Breeders named after M. I. Vavilov", ticket number 1821





researchers, except for trade unions)

(no more than 5 positions in the last 10 years)

Knowledge of foreign languages

English – Level B2

Certificate No: 000524431 (20.05.2019)

Common European Framework of Reference (CEFR)

City: Kyiv

