



BAKUMENKO OLHA

Date of birth 6 February 1988

Citizenship Ukrainian

Contact information *

Business address - Sumy National Agrarian University, 160, G. Kondratieva Str., Sumy, Sumy district (Ukraine), 40021
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Personal profiles in scientometric databases*

ID Scopus -
<https://www.scopus.com/authid/detail.uri?authorId=57220962159>

ID Web of Science - V-4595-2018

Publons - ABD-7322-2020

Mendeley - <https://www.mendeley.com/profiles/olha-bakumenko/>

ORCID – <https://orcid.org/0000-0003-1625-7401>

Scholar google -
https://scholar.google.com.ua/citations?view_op=list_works&hl=ru&user=I7pkfqqAAAAJ

Education *

1. Sumy National Agrarian University, Sumy (Ukraine), 2005-2010, Bachelor's degree, speciality 6.130100 - 'Plant Protection', specialisation - biological protection.

2. Sumy National Agrarian University, Sumy (Ukraine), 2010-2012, Master's degree, speciality 8.130102 'Agronomy', qualification - research agronomist (specialisation -





	<p>technology of storage and processing of crop production). Diploma number SM 41926472 from 22 February 2012.</p> <p>3. Sumy National Agrarian University, Sumy (Ukraine), 2016-2017, specialist, speciality 202 'Plant Protection and Quarantine'. Diploma series C 17 No. 038870 of 30 June 2017.</p>
Academic degree *	<p>Candidate (Doctor of Philosophy) of Agricultural Sciences from 1 February 2018, Sumy National Agrarian University, Poltava State Agrarian Academy, Sumy (Ukraine), 06.01.05 - breeding and seed production, DK № 045908</p>
Academic title *	<p>Associate Professor of the Department of Plant Protection from 30 November 2021, AD № 009398</p>
Professional work experience *	<p>September 2025 to date Associate Professor of the Mishnev Department of Plant Protection Sumy National Agrarian University 160, G. Kondratieva str., 40021, Sumy (Ukraine)</p> <p>September 2023 - September 2025 Dean of the Faculty of Agrotechnology and Environmental Management Sumy National Agrarian University 160, G. Kondratieva Str., 40021, Sumy (Ukraine)</p> <p>July 2022 - September 2023 Acting Dean of the Faculty of Agrotechnology and Environmental Management Sumy National Agrarian University 160, G. Kondratieva str., 40021, Sumy (Ukraine)</p> <p>May 2022 - July 2022 Acting Head of the Mishnev Department of Plant Protection Sumy National Agrarian University 160, G. Kondratieva str., 40021, Sumy (Ukraine)</p> <p>September 2019 - May 2022 Associate Professor of the Mishnev Department of Plant Protection Sumy National Agrarian University 160, G. Kondratieva str., 40021, Sumy (Ukraine)</p> <p>September 2018 - July 2019 Senior Lecturer at the Mishnev Department of Plant Protection Sumy National Agrarian University 160, G. Kondratieva str., 40021, Sumy (Ukraine)</p>





January 2016 - July 2018

Assistant of the Mishnev Department of Plant Protection

Sumy National Agrarian University

160, G. Kondratieva str., 40021, Sumy (Ukraine)

September 2014 - October 2019

Engineer at the Mishnev Department of Plant Protection

Sumy National Agrarian University

160, G. Kondratieva str., 40021, Sumy (Ukraine)

April 2012 - November 2012

Agronomist

LLC Agrofirma Vpered, 68 Shevchenko str., Mykolaivka village, Sumy district, Sumy region, Ukraine

Main research activities

Management of collective research projects (which received funding on a competitive basis outside the main place of work)

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

Research and development work 'Optimisation of scientifically grounded crop rotation in crop rotation and study of compliance of plant varieties and their parameters declared by the manufacturer with the conditions of the farm of LLC AF "Vpered", Sumy district, Sumy region'. The basis for the work of the GDT No. 3-10. Customer: LLC 'Agrofirma "Vpered" of Sumy district, Sumy region' Term of work performance: beginning on 01.11.2022 and ending on 31.12.2023 (Head)

[https://agro.snau.edu.ua/dekanat/bakumenko-olga-mikola%D1%97vna/](https://agro.snau.edu.ua/dekanat/bakumenko-olga-mikola%20%D1%97vna/)

Participation in collective research projects

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

1) Scientific and technical development under the state order of the Ministry of Education and Science on the topic 'Selection of promising durum wheat lines for the creation of varieties with group resistance to diseases' (registration number: 0119U102849) (responsible executor);

2) Scientific and technical development in cooperation with Henan Institute of Science & Technology on the topic 'Selection of genotypes with increased immune properties and soil drought resistance among the modern assortment of winter soft wheat' (State Classification Code. Rubric of scientific and technical information DK 022:2008: 20 - agrarian sciences, 201 - agronomy, 202 - plant protection and quarantine), 2018-2023 (executor);

3) Erasmus + Programme, projectKA2 n° 586383-EPP-1-2017-1-SI-EPPKA2-CBHE-JP (2017-2978/001-001)





	<p>(executor)</p> <p>4) Research and development work ‘Optimisation of soybean varieties cultivation technology in the conditions of Nizhyn Agro LLC, Chernihiv region’. The basis for the work of the GDT. Customer: LLC ‘Nizhyn Agro’ of Chernihiv region (Contractor).</p> <p>5) Agreement No. 1-8-3 with BioLat LLC on the development and transfer of the STP on the topic ‘Improvement of soil cultivation and fertilisation system for growing winter wheat in the conditions of the north-eastern Forest-Steppe’ from 01.08.2023 to 31.12.2023 (Contractor)</p> <p>6) Responsible Executor of the contractual research project funded by the UK Department for Environment, Food and Rural Affairs (DEFRA), which has provided funding through the Official Development Assistance (ODA) Programme entitled “War-Polluted Soil: Recovery and Remediation” (Project). Grant references: DEFRA Grant Reference: C29136; RAU Grant Reference: R-1061. Contract dated 27 August 2025. (Role: Executor).</p> <p>7) Improving soil fertility by reducing the impact of external mechanical and chemical factors during the cultivation of agricultural crops. Project funded within the Main Competition of the Ministry of Education and Science of Ukraine (MESU), 2025. Available at: https://mon.gov.ua/npa/pro-zatverdzhennia-pereliku-proiektiv-fundamentalnykh-naukovykh-doslidzhen-prykl?v=69611cc35359a</p>
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<p>Individual research projects (which have received funding on a competitive basis from a third party)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Using Molecular Methods to Determine Optimal Strains of Winter Wheat. International Small Research Grant US-Ukraine Biotechnology Initiative (U.S.-Ukraine Foundation Biotech Initiative Small Research Grant Application).</p> <p>https://bioukraine.org/news/olha-bakumenko-using-molecular-methods-to-determine-optimal-strains-of-winter-wheat/?fbclid=IwAR1o2rpZNEOqEHhO1FoZKgxF4VVegIINyd5WVZOookjMcSBm9s93z1Iy420</p>
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Main scientific achievements

<p>Published scientific papers*</p> <p><i>(no more than 10 items for the last 10 years)</i></p>	<p>1. Cao, Z., Cao, J., Vlasenko, V., Bakumenko, O. & Li, W. (2023) Molecular characterization and functional analysis of a beta-1,3-glucan recognition protein from oriental fruit moth Grapholita molesta (Lepidoptera: Tortricidae). Archives of Insect Biochemistry and Physiology, January 2024, Volume 115, Issue 1. 1-16, e22068 First published: 27 November 2023.</p>
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(Scopus

Q2)

<https://authorservices.wiley.com/index.html#register>

<https://doi.org/10.1002/arch.22068>

<http://dx.doi.org/10.1002/arch.22068>

2. Papchenko, V., Stepankova, G., Karatieieva, O., Bakumenko, O., Melnyk, A., Horbas, S. Determining The Effect Of Raw Materials Moisture And Lipid Content On The Technological Properties Of The Extruded Protein-Fat System. Eastern-European Journal of Enterprise Technologies, 2023, 4(11(124)), C. 37–46. <https://jet.com.ua/en/> (Scopus Q3)

3. Radchenko, M., Trotsenko, V., Butenko, A., Masyk, I., Bakumenko, O., Butenko, S., Dubovyk, O., Mikulina, M. (2023): Peculiarities of forming productivity and quality of soft spring wheat varieties. Agriculture and Forestry, 69 (4): 19-30. doi:10.17707/AgricultForest.69.4.02 (Scopus Q4) <https://www.agricultforest.ac.me/paper.php?id=3230>

4. Ihor Kovalenko, Ihor Vereshchahin, Yevheniia Butenko, Natalia Kandyba, Viktor Onychko, Olha Bakumenko, Vladyslav Kovalenko, Tetiana Klochkova (2022). Rapd-Analysis of Flax Varieties of the Ukrainian National Collection. Ecological Engineering & Environmental Technology 2022, 23(3), 1–6 (Scopus Q4). <http://www.ecoet.com/Rapd-Analysis-of-Flax-Varieties-of-the-Ukrainian-National-Collection,146384,0,2.html>

5. Li, Y., Vlasenko, V., Bakumenko, O., Kovalenko, I., Bilokopytov, V., Li, D., & Li, G. (2021). Genome-Plasmon Interaction Effect on Resistance to Septoriosiis in Winter Triticum Aestivum L. Alloplasmatic Lines. Journal of Microbiology, Biotechnology and Food Sciences, e5132. (Web of Science; Scopus).

6. Mykytyn M. S., Melnyk U. M., Volchovska-Kozak O. Ye., Butenko A. O., Davydenko G. A., Dubovyk V. I., Bakumenko O. M., Antonovskiy O. V, Poriadynskiy V. P. (2021). Rape as a source of vegetative protein in Ukraine. Agricultural Mechanization in Asia. Volume 51. 887-882. (Scopus).

7. Rozhkova T., Burdulanyuk A., Bakumenko O., Yemets O., Filenko O., Filenko R. (2021). Spreading of Alternaria spp. in Mycoflora of Winter Wheat Seeds in North-East of Ukraine. Indian Journal of Ecology. 48(3): 904-908. (Scopus).

8. Rozhkova T.O., Burdulanyuk A.O., Bakumenko O.M., Yemets O.M., Vlasenko V.A., Tatorynova V.I., Demenko V.M., Osmachko O.M., Polozhenets V.M., Nemerytska L.V., Zhuravska I.A., Matsyura A.V., Stankevych S.V. (2021).





Influence of seed treatment on microbiota and development of winter wheat seedlings. *Ukrainian Journal of Ecology*. 11(1). 55-61. (Web of Science).

9. Yemets O. M., Vlasenko V. A., Demenko V.M., Tatarynova V. I., Rozhkova T. O., Burdulaniuk A. O., Bakumenko O. M., Osmachko O.M., Shcherbyna Y. M. Seymska Population of Russian Desman (*Desmana moschata* L.) in North-Eastern Part of Ukraine: A History of Formation and Current State. *Indian Journal of Ecology*. 47(4): 2020. 1077-1083. (Scopus).

10. Vlasenko V., Bakumenko O., Osmachko O., Bilokopytov V., Meng F., Humeniuk O. The Usage Perspectives Of The Chinese Current Wheat Geno-Plasm In The Breeding Of A New Ukrainian Variety Generation. *AgroLife Scientific Journal*. Volume 8. Number 2. Руминія : Бухарест, 2019. P. 162-173. (Web of Science).

Other significant scientific achievements

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

1. Vlasenko V.A., Osmachko O.M., Bakumenko O.M. Methodical recommendations for the selection of wheat lines with group resistance to diseases that are carriers of wheat-rye translocations. In: FOP Lytovchenko E.B., 2020. 154 c. ISBN 978-966-97981-3-8 (protocol No. 2 of 21.09.2020, ordered by the Ministry of Education and Science of Ukraine) (ordered by the Ministry of Education and Science of Ukraine).

2. 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

3. Bakumenko O.M. Combining ability of winter wheat varieties Kryzhynka and Smuglyanka: Monograph / O.M. Bakumenko, O.M. Osmachko, V.A. Vlasenko. Sumy, Mriya. 2019. 194 c. Bakumenko O. M. Combinative ability of winter wheat cultivars Kryzhynka and Smuhlianka: Monograph / O. M. Bakumenko, O. M. Osmachko, V. A. Vlasenko. Sumy, 'Mriya'. 2019. 194 p. ISBN 978-966-566-740-7

4. Realisation of the productivity potential of raspberry varieties of different origin in the conditions of the North-Eastern Forest-Steppe of Ukraine. *Actual Problems of Natural Sciences: Modern Scientific Discussions*. Lublin, the Republic of Poland. 2020. P. 142-155. doi.org/m.30525/978-9934-588-45-7.9 (foreign collective monograph).

5. Bakumenko O.M., Vlasenko V.A. Fundamentals of biological protection of plants against pests: Study guide (lecture notes and assignments for LPC) For applicants for higher education institutions in the speciality 'Plant Protection and Quarantine', as well as for applicants, postgraduate students and teachers of biological and agronomic universities and specialists in plant protection and quarantine // Sumy: SNAU, 2021, 129 p. (Minutes No. 11 of 18.05.2021).





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. Bakumenko O.M. Efficiency of chemical and biological preparations against the main diseases of sunflower. International scientific and practical conference dedicated to the anniversary dates of the birth of prominent entomologists, doctors of biological sciences, professors O.O. Migulin and O.V. Zakharenko (19-20 October 2023). C. 14-16.

2. Bakumenko O.M. Genetic evaluation of F1-F2 winter soft wheat created with the participation of varieties-carriers of wheat-rye translocations. International Scientific and Practical Conference 'Realisation of the potential of cereal varieties - a way to solve the food problem', 20 October 2017. - Central, 2017. - P. 18-19.

3. Bakumenko O. M. Ecologically oriented plant protection technologies through the use of resistant varieties against diseases // International scientific and practical conference 11-12 October 2018 - Kharkiv, 2018. - P. 33-36.

4. Bakumenko O.M. Evaluation of soft winter wheat varieties carrying introgressed components by the length of the main spike. International scientific conference 'Improving the efficiency of breeding and crop production in modern conditions', 3-5 July 2019. - Kharkiv, 2019. C. 134-136.

5. Adaptive level of soft winter wheat varieties created by different breeding institutions of Ukraine. International scientific conference 'Scientific readings to the 100th anniversary of the birth of Professor Ivan Viktorovych Yashovsky', 14-15 August 2019 - NSC 'Institute of Agriculture of NAAS', Chabany village. - 2019. - 49-52.

Bakumenko O.M. Modern Ukrainian soft winter wheat variety as a genetic source of breeding traits. International Scientific and Practical Conference 'Agrarian Education and Science: Achievements and Prospects for Development', 26-27 March 2020. Bila Tserkva, 2020. C.57-60.

6. Bakumenko O. M. Creation of source material resistant to adverse biological factors as a component of environmentally oriented plant protection technologies. International Scientific and Practical Conference of the Faculty of Plant Protection of Kharkiv V.V. Dokuchaev National Agrarian University: Problems of ecology and ecologically oriented plant protection (29-30 October 2020). Kharkiv: 'Planet Print, 2020. C. 18-19.

7. Bakumenko O.M., Vlasenko V.A., Osmachko O.M., Samoshchenko B.S. Adaptive level of newly developed wheat lines in organic farming. Proceedings of the International Scientific and Practical Conference dedicated to the 92nd anniversary of the birth of Doctor of Agricultural Sciences, Professor Mykola Demianovych Honcharov (25 May 2021). Sumy, 2021. 224 c.





	<p>http://repo.snau.edu.ua/bitstream/123456789/6673/1/%D0%93%D0%BE%D0%BD%D1%87%D0%B0%D1%80%D1%96%D0%B2%D1%81%D1%8C%D0%BA%D1%96%20%D1%87%D0%B8%D1%82%D0%B0%D0%BD%D0%BD%D1%8F_2019.pdf</p> <p>8. Bakumenko O.M. Programming of winter wheat yield depending on meteorological elements. The 3rd International scientific and practical conference – Topical issues of modern science, society and education (October 3-5, 2021). Kharkiv, Ukraine. 2021. 1096 p. https://sci-conf.com.ua/wp-content/uploads/2021/10/TOPICAL-ISSUES-OF-MODERN-SCIENCE-SOCIETY-AND-EDUCATION-3-5.10.21.pdf</p> <p>http://repo.snau.edu.ua/simple-search?query=%D0%B1%D0%B0%D0%BA%D1%83%D0%BC%D0%B5%D0%BD%D0%BA%D0%BE&sort_by=score&order=desc&rpp=10&etal=0&start=0</p>
<p>Personal presentations outside Ukraine at the invitation of higher education institutions, research institutions or professional associations (except for CIS countries)</p> <p><i>(no more than 10 positions for the last 10 years)</i></p>	<ol style="list-style-type: none"> 1. Bakumenko O. M. Ecological study of raspberry varieties of different origin in the conditions of the north-eastern forest-steppe of Ukraine. International scientific and practical conference. Lublin, the Republic of Poland, December 27-28, 2019. C 64-65. 2. Bakumenko O. M. Use of plant growth regulators in the reproduction of black currant. International Multidisciplinary Conference «Science And Tehnology Of The Present Time : Priority Development Directions Of Ukraine And Poland», 19-20 October 2018. – Wolomin, Respublic of Poland. – 2018. – P. 85-88. 3. Bakumenko O.M. Realisation of the productivity potential of raspberry varieties of different origin in the conditions of the North-Eastern Forest-Steppe of Ukraine. Actual Problems of Natural Sciences: Modern Scientific Discussions. Lublin, the Republic of Poland. 2020. P. 142-155. doi.org/m.30525/978-9934-588-45-7.9.
<p>Reports at scientific conferences* (seminars, symposia, etc.)</p> <p><i>(no more than 10 items for the last 10 years)</i></p>	<ol style="list-style-type: none"> 1. Bakumenko O.M. Seed setting of soft winter wheat in interspecific crosses with the participation of wheat-rye translocations / All-Ukrainian scientific and practical conference ‘Increasing the efficiency of agricultural production in the North-Eastern region of Ukraine’ 21 February 2014 - Garden: GDP ‘Mriya’ LLC, 2014.- P. 218-220. 2. Bakumenko O. M. Productivity of soft winter wheat varieties, carriers of wheat-rye translocations All-Ukrainian scientific and practical conference of young scientists and specialists ‘Strategic directions of sustainable production of agricultural products at the present stage of development of the agrarian complex of Ukraine’ 22-23 May 2014 - Dnipro: Accent PP, 2014 - P. 3-4. ISBN 978-617-7109-23-74 3. Bakumenko O. M. Heterosis and inheritance of seed weight of the main spike by hybrids of the first generation of





winter soft wheat varieties with wheat-rye translocations IX All-Ukrainian scientific and practical conference of students and young scientists 'First scientific steps - 2015' 23-24 April 2015 - Kamianets-Podilskyi, 2015. - P. 376.

4. Bakumenko O.M. Resistance of different varieties of winter wheat in the conditions of the north-eastern Forest-Steppe of Ukraine. Materials of the scientific and practical conference of teachers, graduate students and students of Sumy NAU (17-20 April 2020). Sumy, 2020. 35 c.

5. Bakumenko O.M. Biological features of *Anisoplia austriaca* Hrbst. development in Triticeae phytocoenoses. Materials of the scientific and practical conference of teachers, graduate students and students of Sumy NAU, 19-23 April 2021. 478 c. C.23.

6. The use of biological protection against pests in viticulture. Proceedings of the scientific and practical conference of teachers, graduate students and students of Sumy NAU (26-29 April 2022). Sumy, 2022. C 26. <http://repo.snau.edu.ua>

Scientific and organisational activities

Scientific editing (compilation) of scientific publications

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

Review of the textbook 'Regulation of the number of pests by agropharmacological means. Part 1: Regulation of pest populations'. Authors - Ursal V.V., Brynskyi I.M., Khodos T.A. (16.3 referee's acknowledgments)

Review of the textbook 'Methods of attracting birds and bats for biological protection of perennial plantations'. Author - I.M. Brynskyi (8.9 d.a.)

Teaching activity

Main author's training courses in higher education institutions (developed on the basis of own research)

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

1. Practice within the framework of the double degree programme Sumy National Agrarian University, Faculty of Agrotechnology and Environmental Management and Royal Agricultural University (KSU or RAU), School of Agriculture, Food and Environment, II level of higher education, Sumy National Agrarian University, 5 ECTS credits (2023-2024) https://agro.snau.edu.ua/wp-content/uploads/2024/04/CPU-8_Work-placement.pdf

2. General virology, I level of higher education, Sumy National Agrarian University, 5 ECTS credits (2020-2024 pp.) <https://agro.snau.edu.ua/wp-content/uploads/2022/01/1111.%D0%97%D0%B0%D0%B3%D0%B0%D0%BB%D1%8C%D0%BD%D0%B0-%D0%B2%D1%96%D1%80%D1%83%D1%81%D0%BE%D0%B%D0%BE%D0%B3%D1%96%D1%8F%D0%9E%D0%9F%20>





[21.pdf](#)

3. Fundamentals of biological protection of plants from pests, I level of higher education, Sumy National Agrarian University, 5 ECTS credits (2020-2024)

https://agro.snau.edu.ua/wp-content/uploads/2022/01/3%Do%9E%Do%9A26.%Do%9E%Do%91%Do%97%Do%A0%Do%B2%D1%96%Do%B4%Do%A8%Do%BA%D1%96%Do%B4_%Do%9E%Do%9F_2019%D1%80.pdf

4. Plant immunity, I level of higher education, Sumy National Agrarian University, 5 ECTS credits (2020-2024)

<https://agro.snau.edu.ua/wp-content/uploads/2022/01/2%Do%9E%Do%9A33.-%Do%86%Do%BC%D1%83%Do%BD%D1%96%D1%82%Do%B5%D1%82-%D1%80%Do%BE%D1%81%Do%BB%Do%B8%Do%BD-2021.pdf>

5. Epiphytology, II level of higher education, Sumy National Agrarian University, 5 ECTS credits (2020-2024)

<https://agro.snau.edu.ua/wp-content/uploads/2020/10/%Do%95%Do%9F%Do%A4%Do%A2-%Do%97%Do%A0-1%Do%BC.pdf>

6. Technology of cultivation and use of organisms in biological plant protection, II level of higher education, Sumy National Agrarian University, 5 ECTS credits (2020-2024)

<https://agro.snau.edu.ua/wp-content/uploads/2020/10/%Do%A2%Do%92%Do%91%Do%97%Do%A0-%Do%97%Do%A0-1%Do%BC.pdf>

Major author's methodological developments (textbooks, manuals, teaching materials, curricula for higher education)

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

1. Bakumenko O.M., Vlasenko V.A. Study guide Epiphytology for master students of speciality 202 'Plant Protection and Quarantine' of full-time education / Sumy: SNAU, 2018, 170 p. (Protocol No. 8 of 22 May 2018).

2. Bakumenko O.M., Vlasenko V.A. Study guide 'General Virology' for bachelor students majoring in 202 'Plant Protection and Quarantine' full-time. Sumy: SNAU, 2018, 197 p. (Protocol No. 8 of 22 May 2018).

3. Bakumenko O.M., Vlasenko V.A. Study guide 'Fundamentals of biological protection of plants from pests' for bachelor students majoring in 202 'Plant Protection and Quarantine' full-time. Sumy: SNAU, 2018, 138 p. (Protocol No. 8 of 22 May 2018).

4. Bakumenko O.M., Vlasenko V.A., Demenko V.M. Study guide 'Insect Pathology' for master students of speciality 202 'Plant Protection and Quarantine' full-time. Sumy: SNAU, 2018, 186 p. (Minutes No. 7 of 18 April 2018).

5. Demenko V.M., Yemets O.M., Bakumenko O.M. Study





guide 'Management of weeds in agrophytocenoses'. Sumy: SNAU, 2018. 140 p. (Minutes No. 12 of 2 June 2018)

Supervision of scientific work
(scientific supervision or
consulting of dissertation
research that has been
successfully defended)

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

Cao Zhishan - Order 652-k dated 24.11.2023 'On the formation of a one-time specialised academic council for the award of the degree of Doctor of Philosophy'. Speciality 202 - Plant protection and quarantine

Dissertation title: «Biological Control of Distribution Grapholita Molesta Through Immunological Features»

<https://science.snau.edu.ua/golovna/cao-chzhishan/>

Liu Shunxiao - Order No. 676-k dated 04.12.2023 On the formation of a one-time specialised academic council for the degree of Doctor of Philosophy

Speciality 202 - Plant protection and quarantine

Title of the dissertation: «Molecular mechanism of reproductive isolation of Bemisia tabaci species complex is for plant protection and quarantine services»

<https://science.snau.edu.ua/golovna/lyu-shunxyao/>

3) Zhu Yinhui (PRC, China). Order No. 215/OS dated 30 January 2025 "On the Establishment of a One-time Specialized Academic Council for the Awarding of the Doctor of Philosophy Degree."

Field of Knowledge 20 – Agricultural Sciences and Food, Specialty 202 – Plant Protection and Quarantine.

Title of the dissertation: "Profiling the Resistance Mechanism of Alfalfa to Atrazine" ("Insights into profiling of resistance mechanism of alfalfa to atrazine").

Date, time and place of the defense: 26 March 2025, 11:00, Sumy National Agrarian University, Ministry of Education and Science of Ukraine

(160 H. Kondratieva St., Sumy, Ukraine).

Doctor of Philosophy Diploma: H25 No. ____.

Expert activity

Membership in specialised
academic councils for the
defence of dissertations

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

Wu Liuliu" Creation of the source material of winter wheat resistant to cadmium accumulation ", submitted for a for a Doctor Philosophy Degree (PhD)

Field of study: 20 – Agricultural sciences and food Specialty 201 – Agronomy Order №504-k of 23.12.2022 'On the establishment of a one-time specialised academic council for awarding the degree of Doctor of Philosophy'

Speciality 201 – Agronomy. Sumy National Agrarian University; Date, time and place of the dissertation defence: 03





	<p>March 2023, 10.30, Sumy National Agrarian University, Ministry of Education and Science of Ukraine (160, H. Kondratieva St., Sumy)</p> <p>https://science.snau.edu.ua/golovna/vu-lyulyu/</p>
<p>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)</p> <p><i>(no more than 5 positions in the last 10 years)</i></p>	<p>Agricultural advisor on agricultural sciences and food. Qualification certificate of an agricultural advisor №17/09/13 dated 18.09.2024 issued by the Department of Agricultural Development of Ukraine.</p> <p>Expert of the National Agency for Quality Assurance in Higher Education. National Agency for Quality Assurance in Higher Education (1 Borys Grinchenko Str., Kyiv, 01001, Ukraine)</p> <p>Expert of the Scientific and Technical Commission of the Ministry of Education and Science (Order No. 1014 of 22.09.2021 Order on the Personal Composition of the Expert Council of the Ministry of Education and Science; personal composition of the sections of the Expert Council of the Ministry of Education and Science in professional areas). https://mon.gov.ua/ua/news/sformovano-sklad-ekspertnoyi-radi-mon-ta-yiyi-sekcij-dlya-provedennya-ekspertizi-proyektiv-molodih-vchenih?fbclid=IwAR2p_ntGvWvo4uhgFeOMFMkxfgpQucSK50Lg5EakWhRQtoFt78cb4E2T4xA</p> <p>Expert of the Scientific and Technical Commission of the National Research Foundation of Ukraine, which selects and finances on a competitive basis scientific projects for basic and applied research and experimental development in all fields of science, including natural, technical, social and humanitarian spheres. https://grants.nrfu.org.ua/#/profile</p>
<p>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.)</p> <p><i>(no more than 5 items for the last 10 years)</i></p>	<p>Over three years of expert activity as a member of the Expert Council of the Ministry of Education and Science and the National Research Foundation of Ukraine, he has examined</p> <ul style="list-style-type: none">9 projects (MES competition for young scientists),12 projects of the MES competition2 projects of the NRFU competition <p>(this information is not subject to disclosure)</p> <p>Since October 2019, she has been an Expert of the National Agency for Higher Education Quality Assurance (under contract). Participated in the accreditation of 12 educational and professional and educational and scientific programmes in higher education institutions of Ukraine as an expert (5 accreditation cases) and chairman of the expert group (7</p>





	accreditation cases).
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) <i>(no more than 5 positions for the last 5 years)</i>	Review of the textbook 'Regulation of the number of pests by agropharmacological means. Part 1: Regulation of pest populations'. Authors - Ursal V.V., Brynskyi I.M., Khodos T.A. (16.3 referee's acknowledgments) Review of the textbook 'Methods of attracting birds and bats for biological protection of perennial plantations'. Author - I.M. Brynskyi (8.9 d.a.)

Honours and awards

Awards or distinctions for scientific achievements (from institutions, departments, authorities and local governments, etc.) <i>(no more than 5 positions in the last 10 years)</i>	<ol style="list-style-type: none">1. Acknowledgement of the Director of the Department of Education and Science of the Sumy Regional State Administration, Viktoriia HROBOVA (Sumy 2021), for conscientious and impeccable work, fruitful teaching, and significant personal contribution to the education and upbringing of the younger generation2. Acknowledgement of the Rector of Sumy NAU (Sumy 2019) for high professionalism, implementation of innovative research methods using the modern laboratory base 'AGRO-LAB'3. Acknowledgement of the Rector of Sumy NAU (Sumy 2023) for high performance in labour activity and conscientious attitude to his duties https://agro.snau.edu.ua/kafedri/kafedra-zaxistu-roslin-im-docenta-mishnova-a-k/organizaciya-osvitnogo-procesu/#gallery-66
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Improving scientific qualifications

Additional professional training (trainings, summer schools, educational seminars, workshops, courses, etc. to obtain relevant scientific knowledge, skills and abilities) <i>(no more than 5 positions in the last 10 years)</i>	<ul style="list-style-type: none">- internships under the ERASMUS+ project, PROJECT : AG-LAB, 'Capacity Building "AG-Lab" project'. Kyiv, 11-13 March 2019 (certificate);- Short-term professional development programme (certificate No. NPP 20035) 'Quality Assurance in Higher Education', 27 April to 4 May 2020 (certificate);- short-term programme for advanced training of an expert of the National Agency for Quality Assurance in Higher Education (certificate No. 0150/2021 (168) 'Training for heads
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<p>years)</p>	<p>of expert groups', 10 May to 11 May 2021 (certificate);</p> <ul style="list-style-type: none"> - seminar 'Academic integrity in higher education institutions: current challenges and best practices' lasting 4 hours (within the framework of the ERASMUS-JMO-2021-HEI-TCH-RSCH-101048055 project - 'AICE - With Academic integrity to EU values: step by step to common Europe', 23.05.2022. - internship under the ERASMUS + project, PROJECT: AG-LAB, 'Capacity Building "AG-Lab" project'. University of Teramo (Universita degli Studi di Teramo). Italy. 20-24 May 2019 (certificate); - internship under the ERASMUS + project, PROJECT: AG-LAB, 'Improving skills in laboratory practice for agro-food specialists in Eastern Europe "AG-Lab". Experimental Zooprophyllactic Institute (Istituto Zooprofilattico Sperimentale). Italy. 20 May 2019 (certificate).
<p>Scientific internships abroad (for more than 2 months, in higher education institutions or research institutions, except for part-time and excluding CIS countries)</p> <p>(no more than 5 positions in the last 10 years)</p>	<ol style="list-style-type: none"> 1. Internship (certificate No. 095) at the Wyższa Szkoła Zarządzania i Administracji w Opolu (http://www.wszia.opole.pl/uk/ Higher School of Management and Administration in Opole (Poland)). Topic «Best Management Practices in Ecology and Plant Protection for Implementation in Ukraine», 1st of March to 31st of May, 2020 (180 hours) (certificate); 2. Internship within the DAAD Project №57565498 «German-language courses (DSG) in East Central, Southeast and Eastern Europe as well as the Caucasus and central Asia» at the University of Applied Sciences Weinstephan-Triesdorf, Germany (11 April - 8 May 2022) - 180 hours (6 credits). Topic – Methods of simplified Program planning and automation of enterprise planning processes using the MAX software» (certificate).
<p>Membership in independent scientific organisations (non-institutional professional academic associations, societies, unions, unions of researchers, except for trade unions)</p> <p>(no more than 5 positions in the last 10 years)</p>	<ol style="list-style-type: none"> 1) <i>Member of the National Association of Agricultural Advisory Services of Ukraine.</i> Qualification Certificate of Agricultural Advisor No. 17/09/13 dated 18 September 2024. 2) Member of the public organisation 'International Foundation of Scientists and Educators' IESF, Kyiv, Ukraine (EDRPOU code 43254640). Certificate No. ES0050 <p>https://www.iesfukr.org/members</p>
<p>Knowledge of foreign languages</p>	<p>English – Level B2 Certificate No: 000517574 (12.03.2019) Common European Framework of Reference (CEFR) City: Kyiv</p>





Sumy National
Agrarian University



Faculty of agrotechnologies and
natural resource management
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