

**Roman Liliya Hryhorivna**

Position: Associate Professor of the Department of Surgery, Obstetrics and Small Animals

Academic degree: Candidate of Veterinary Sciences

Academic title: Associate Professor

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**Google Scholar:** <https://scholar.google.com/citations?user=qZoc2IAAAAAAJ&hl=u>

**Web of Science:** <https://www.webofscience.com/wos/author/record/AAE-4438-2021>

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**Education**

Higher education, 1987	Don Agricultural University, veterinary doctor (with honors).
Higher education 2002 p.	Odesa State Pedagogical University named after K. D. Ushinsky, teacher of language and literature (English, German and foreign literature).
Candidate of Sciences (1993p).	Dissertation topic "Postlactational changes in the mammary gland of normal cows and with subclinical mastitis" in obstetrics and artificial insemination (16.00.07 - obstetrics and artificial insemination). Academic title
Academic title Associate Professor (2021)	Associate Professor of the Department of Surgery, Obstetrics and Small Animals

**Educational activity**

Educational components: "Veterinary obstetrics, gynecology and andrology"; "Obstetrics, gynecology and biotechnology of animal reproduction"; "Gynecological diseases and andrology of productive animals"; "Obstetrical and gynecological diseases of dogs and cats", Obstetrics, gynecology and andrology of animals».

**Scientific activity**

Author and co-author of 114 published works, 10 of which are included in the international database Web of Science and Scopus, 3 monographs, 1 patent.  
Participant of scientific international and all-Ukrainian conferences (37).

**List of main publications:****Monographs:**

1. Sidashova S.O., Roman L.G., Ulizko S. I., Popova, I.M., Yasko V.M. Overcoming environmental risks and threats to the environment in emergency situations 2022: Poltava - Lviv: NUPP named after Yu. Kondratyuk, NU "Lviv Polytechnic". Dnipro: Serednyak T. K., 2022, 664 p. (pp. 114-129) ISBN 978-617-8111-24-3book  
[https://nupp.edu.ua/uploads/files/0/events/conf/2021/1mnpk-pertzdd/monografiia\\_2022\\_ov.pdf](https://nupp.edu.ua/uploads/files/0/events/conf/2021/1mnpk-pertzdd/monografiia_2022_ov.pdf).  
Collective monograph

**Articles in professional publications:**

1. Skliarov P., Fedorenko S., Naumenko S., Onyshchenko O., Pasternak A., Roman L. Reviewing Effective Factors of Alimentary Deficiency in Animals Reproductive Functions. *World's Veterinary Journal*. World Vet. J, 11(2): 157-169, June 25, 2021 (Scopus). [https://wvj.science-line.com/attachments/article/65/WVJ%2011\(2\)%20157-169%20,%20June%2025,%202021.pdf](https://wvj.science-line.com/attachments/article/65/WVJ%2011(2)%20157-169%20,%20June%2025,%202021.pdf)
2. Roman L., Sidashova S., Ulyzko S., Stepanova N., Todorov, I., Popova, V., Chornyi, V., Kushnir, B. Gutyj Morphometry of the corpus luteum of the ovaries in heifers and probiotic protection of the mucous membranes of different body cavities. *Ukrainian Journal of Ecology*, 2021, 11(3), 360-366, doi: 10.15421/2021. Web of science. <https://www.ujecology.com/articles/morphometry-of-the-corpus-luteum-of-the-ovaries-in-heifers-and-probiotic-protection-of-the-mucous-membranes-of-different.pdf>
3. Sidashova S.O., Avdosyeva I. K., Chornyi V., Chaykovska O. I., Popova I. M., Roman L. G. Prolonged effect of probiotic protection of the mucous membranes of cows before insemination on the manifestation of the productive potential of their first-born daughters. *Scientific and technical bulletin of the DNDKI and the Institute of Animal Biology*. Lviv, 2021. Issue 22, No. 2. P.348 -356. <https://scivp-journal.com.ua/index.php/journal/article/view/215/212>
4. Skliarov P., Holubiev O., Bilyi D., Lieshchova M., Bobrytska O., Roman L. Efficiency test microscope "Arbor Elite" for determining the fertile period of bitches. *Scientific Messenger of LNU of Veterinary Medicine and Biotechnologies*. Series: Veterinary Sciences. 2021. Vol. 23. No. 101. P.55-60.
5. Sidashova, S.O., Popova, I.M., Roman, L.G., & Chorniy, V.A. Use of supervision in vocationally oriented (dual) training of veterinary professionals and students. *Special Humanitarian Issue of Ukrainian Scientists. European Scientific e-Journal*, 2 (17), 2022 -P.60-65. Ostrava: Tuculart Edition. DOI: 10.47451/ped 2022-03-03 <http://tuculart.eu/ftpgetfile.php?id=301>
6. Roman, L.G., Koreiba, L.V., Ulizko, S.I., Chornyi, V.A., & Gutyj, B.V. Uberdermin is a new transdermal anti-mastitis drug. *Scientific Messenger of Lviv National University of Veterinary Medicine and Biotechnologies Series: Veterinary sciences*, 2022. 24(108), 45–49. doi: 10.32718/nvlvet10807 <https://nvlvet.com.ua/index.php/journal>
7. Roman, L., Sidashova, S., Korejba, L., Ulyzko, S., Todorov, N., Popova, I., Chornyi, V., Kushnir, V., & Gutyj, B. Measuring of the heifers ovaries and probiotic defense of the mucous membranes. *Scientific Messenger of Lviv National University of Veterinary Medicine and Biotechnologies*. Series: Veterinary sciences, 2022. 24(108), 69–74. doi:10.32718/nvlvet10810 <https://nvlvet.com.ua/index.php/journal>
8. Roman, L., Bogach, M., Dankevych, N., Bezalychna, O., & Gurko, I. Morphological profile of the ovaries of high-yielding cows on day 0 of the induced sexual cycle. *Scientific Horizons*, 26(7), 9-18, 2023. doi: 10.48077/scihor7.2023.09. Scopus. <https://sciencehorizon.com.ua/uk/journals/tom-26-7-2023/morfologichny-profil-stanu-yaytechnikiv-visokoproduktivnikh-koriv-v-0-y-den-indukovanogo-statevogo-tsiklu>
9. Sidashova S.O., Lisogurska D.V., Yasko V.M., Kirovych N.O., Furman S.V., Lisogurska O.V., Adamchuk L.O., Roman L.G., Chornyi V.A., Popova I.M. Model of an educational demonstration apiary Tavriyskiy naukovi visnyk.m. Kherson. No. 130. 2023. P.398-405. DOI <https://doi.org/10.32851/2226-0099.2023.130.54>.
10. Roman, L., Chornyi, V., Dankevych, N., Kitaeva, A., & Bezalychna, O. Dynamics of hypotrophic changes in the morphological formations of the ovaries of heifers of mating age on the 7-9th day of luteogenesis. *Scientific Horizons* /2024. 27(1), 9-19. doi: 10.48077/scihor1.2024.09. Scopus. <https://sciencehorizon.com.ua/uk/journals/tom-27-1-2024/dinamika-gipotrofichnikh-zmin-morfologichnikh-utvoren-yaytechnikiv-telits-paruvalnogo-viku-na-7-9-den-lyuteogenezu>
11. Roman, L., Bezalychna, O., Dankevych, N., Lumedze, I., & Iovenko, A. Differential diagnosis of chronic infertility in high-yield cows. *Scientific Horizons*, 2024. 27(7), 9-19. doi: 10.48077/scihor7.2024.09. Scopus. <https://sciencehorizon.com.ua/uk/journals/tom-27-7-2024/diferentsiyna-diagnostika-khronichnoyi-neplidnosti-visokoproduktivnikh-koriv>
12. Roman L. G., Ulizko S. I., Zelenina, O. M., Sklyarov P. M., Bezalychna O. A., Dankevych N. I., Chornyi V. A., Slyusarenko I. S. Ecological and toxicological screening of drinking water safety for livestock enterprises of Odessa region. *Scientific Bulletin of the S.Z. Gzhytskyi Lviv National University of Veterinary Medicine*. Series: Veterinary

13. Roman, L., Bezalychna, O., Vyrvykshka, S., Iovenko, A., Pushkar, T. Evaluation of the dynamics of fattening of lactating cows of the newly created Ukrainian red dairy breed. *Scientific Horizons*, 2025. 28(1), 19-29. Scopus. <https://doi.org/10.48077/scihor1.2025.19>  
<https://sciencehorizon.com.ua/en/journals/tom-28-1-2025/otsinka-dinamiki-vgodovanosti-laktuyuchikh-koriv-novostvorenoyi-ukrayinskoyi-chervonoyi-molochnoyi-porodi>  
<https://sciencehorizon.com.ua/uk/journals/tom-27-1-2024/dinamika-gipotrofichnikh-zmin-morfologichnikh-utvoren-yayehnikiv-telits-paruvalnogo-viku-na-7-9-den-lyuteogenezu>
14. Sumakova, A Paliy, M Bogach, A Kiptenko, O Bohash, O Pavlichenko, L Roman, D Bohach Infestation of *Ixodes ricinus* with *Babesia* spp. in Natural and Anthropogenic Habitats of Kharkiv Region and Its Relationship with the Detection of Canine Babesiosis. *World Vet. J.* 2025. 15(2): 434-444. Scopus. DOI:<https://dx.doi.org/10.54203/scil.2025.wvj43>

#### **Participant of international and all-Ukrainian conferences**

1. Popova I. M., Yasko V. M., Sidashova S. O., Roman L. G. Laboratory control of the growth of *Bacillus subtilis* colonies on honey-containing nutrient media. Mater. All-Ukrainian scientific-practical conf. "The role of scientific and technical support for the development of the agro-industrial complex in modern market conditions". February 25, 2021. Dnipro. P. 420-423.
2. Roman L. Veterinary obstetrics as an integral component of the professional training of veterinary medicine specialists. Mater. All-Ukrainian scientific-practical conf. "The role of scientific and technical support for the development of the agro-industrial complex in modern market conditions". February 25, 2021. Dnipro. P. 418-420.
3. Marchuk M.M., Gudzovata S.V., Koreyba L.V., Duda Y.V., Roman L. The prevalence of abortions in dogs in the conditions of the breeding enterprise "Zvezdnoe schastya" of the Kynological Union of Ukraine of the Kryvyi Rih district of the Dnipropetrovsk region L. G. Actual trends of modern scientific research. Proceedings of IX International Scientific and Practical Conference Munich, Germany. 11-13 April 2021. P.26-31.
4. Klymenko B. V., Koreyba L. V., Ryabokon V. M., Roman L. G. The prevalence and peculiarities of the course of mastitis in cows in the conditions of the limited liability company "Ekaterinoslavskiyi" of the Dnipropetrovsk region. Topical issues of practice and Science. Abstracts of xxvi international scientific and practical conference London, Great Britain. May 18 – 21, 2021. P. 808-811.
5. Popova I., Sidashova S., Roman L. Milk productivity of Ukrainian red dairy cows under the influence of climate change. The 2nd International Scientific and Practical Conference. Animal welfare in the conditions of Global climate change. April 21–22. Dnipro, Ukraine 2021. P. 64-66.
6. Klymenko B.V., Koreyba L.V., Roman L. Effectiveness of treatment and prevention of subclinical mastitis in cows. Implementation of modern Science and practice. Abstracts of XXV International Scientific and Practical Conference. Varna, Bulgaria. May 11 – 14, 2021. P.684-687.
7. Roman L. Effectiveness of iodine-containing drugs in the system of health measures for mastitis in cows Mater. I International scientific and practical conference of NPP and young scientists "Current aspects of the development of science and education". April 13-14, 2021. Odessa. P.77-81.
8. Sidashova S.O. Roman L., Fursa N.M. Prevalence of chronic adhesive ovarian pathologies in cows of different dairy breeds Mater. I Int. Scientific and Practical Conf. of NPP and Young Scientists "Current Aspects of the Development of Science and Education". April 13-14, 2021. Odessa. P.84-88.
9. Sidashova S.O., Popova I.M., Stadnytska O.I., Roman L.G. Realization of the genetic potential of the Ukrainian red dairy breed in conditions of industrial production and climate change. Mater. Int. Scientific and Practical Conf. "Current Problems of Improving the Quality and Safety of Production and Processing of Livestock Products". June 4, 2021. Dnipro. P.156-161
10. Roman L. G., Mykhaylova A. Trasdermin - an etiotropic antimastitis drug. Mater. VII All-Ukrainian Scientific-Practical Internet Conference "Solution of Modern Problems in Veterinary Medicine". February 15-16, 2022. Poltava. P.42-46.  
<https://www.pdau.edu.ua/sites/default/files/node/9242/new.pdf>
11. Roman L., El Baz Hassan Amin. Effectiveness of etiotropic therapy of cows with catarrhal-purulent mastitis of dry cows. "Solution of Modern Problems in Veterinary Medicine": materials VI All-Ukrainian Scientific-Practical Internet Conference (Poltava, February 15-16, 2021). Poltava,

2021. P. 62-63. Access mode:  
<https://www.pdau.edu.ua/sites/default/files/node/1239/programakonf202121.pdf>
12. Roman L.G., Skotarenko V.V. Etiology of obstetric and gynecological diseases in cows. Abstracts of reports based on the results of scientific work of students of the Faculty of Veterinary Medicine for 2021–2022, specialty: 211 "Veterinary Medicine", 212 "Veterinary Hygiene, Sanitation and Expertise" (October 2022). Odesa, ODAU. 2022. P.17-19.  
[lib.osau.edu.ua/jspui/bitstream/123456789/4005/1/Roman L. G..pdf](http://lib.osau.edu.ua/jspui/bitstream/123456789/4005/1/Roman%20L.%20G..pdf)
13. Roman L.G., Sidashova S.O. Morphometric features of ovarian corpora lutea in cows. Collection of materials of the II International Scientific and Practical Conference of NPP and Young Scientists "Current aspects of the development of science and education" (December 08-09, 2022). Odesa. OSAU, 2022.P.133-138. [https://osau.edu.ua/wp-content/uploads/2023/01/Zbirnuk\\_II\\_Mignarodnoi\\_nauk-prakt\\_konferencii\\_8-.12.pdf](https://osau.edu.ua/wp-content/uploads/2023/01/Zbirnuk_II_Mignarodnoi_nauk-prakt_konferencii_8-.12.pdf)
14. Roman L.G., Skotarenko V.M., Mykhaylova A.R. Treatment of traumatic inflammation of the birth canal. Collection of materials of the International Scientific and Practical Conference "Current State of Development of Veterinary Medicine, Science and Education", dedicated to the 35th anniversary of the founding of the Faculty of Veterinary Medicine (October 12-13, 2022). Zhytomyr. 2022. P. 112-116  
<https://polissiauniver.edu.ua/wp-content/uploads/2022/11/Збірник-прац-до-35-річчя-факультету-ветеринарної-медицини.pdf>
15. Sidashova S. O., Roman L. G., Kibenko N. Yu., Shevchenko O. B., Fediaieva A.S. Transfer of innovative technologies of independent power supply in the industry of feed production and livestock breeding subject to limited resources. International scientific and practical online conference of young scientists and specialists "Contribution of scientific investments to the development of the agro-industrial complex in conditions of limited resource provision. Dnipro.2023. P. 303-305. State Institute of Veterinary Medicine NAAS. <https://institut-zerna.com/library/repozitariy/docs/materialy-konf/materialy-konfinternational-conference-16-17-march-2023.pdf>
16. Zhukov Yu.I., Roman L.G., Sidashova S.O., Kirovich N.O. Gray ukrainian cattle - an important component biodiversity of the fauna of of europe. 2 international scientific and practical conference «Modern Approaches to Problem Solving in Science and Technology» November 15-17, 2023,Warsaw, Poland P.68-71. [https://isu-conference.com/wp-content/uploads/2023/11/Modern-Approaches-to-Problem-Solving-in-Science-and-Technology\\_Nov\\_15\\_17\\_Warsaw\\_Poland.pdf](https://isu-conference.com/wp-content/uploads/2023/11/Modern-Approaches-to-Problem-Solving-in-Science-and-Technology_Nov_15_17_Warsaw_Poland.pdf)
17. Roman L. G., Valieva O. O. Functional asymmetry of the ovaries of cows. Materials of the 10th annual. All-Ukrainian scientific-practical conference. Scientific Readings 2023. "Ecological and Regional Problems of Modern Animal Husbandry and Veterinary Medicine". Zhytomyr 16.11.2023. P.131-136. <https://polissiauniver.edu.ua/wp-content/uploads/2023/12/Збірник-прац-X-Наукові-читання-2023.pdf>
18. Roman, L., Sklyarov P., Lukyanova O. The effectiveness of uberdermin for diseases of the cows udder. "Actual aspects of the development of veterinary medicine in the context of European integration". International scientific and practical conference of scientific and pedagogical workers and young scientists September 14-15, 2023, dedicated to the 85th anniversary of the founding of the faculty of veterinary medicine. Odessa p. 210-214.  
[http://lib.osau.edu.ua/jspui/bitstream/123456789/4190/1/Svyatkovyj-ZBIRNYK-FVM\\_2023.pdf](http://lib.osau.edu.ua/jspui/bitstream/123456789/4190/1/Svyatkovyj-ZBIRNYK-FVM_2023.pdf)
19. Roman L. G., Yuskova O. V. Peculiarities of the profile of the teat line in pigs. "Current trends in the development of the livestock industry: global and national dimensions". Materials of the International Scientific Practical Conference, December 7, 2023, Poltava. P. 223-226.  
[https://svinarstvo.com/news/07\\_12\\_2023/16docx.pdf](https://svinarstvo.com/news/07_12_2023/16docx.pdf)
20. Bushnyak A., Roman L. "Ovarian cysts and cows' reproduction". "Current aspects of the development of science and education" III International Scientific Practical Conference. scientific and pedagogical workers and young scientists November 09 - 10, 2023, Odesa. P.169-171.  
<https://drive.google.com/file/d/1dzV8Szc40oP9Uxw645kuTqi3MKJ3hPdg/view>
21. Zhukov Yu. I., Sidashova S. O., Roman L. G. Embryo banks for the preservation of the breeding gene fund of Ukrainian cattle. "Current issues of science, education and technology in modern conditions": conference proceedings Internat. Scient.-practice Conf. (Aarchus, Danmark, March,12, 2024). Aarchus, 2024. P.53-55.

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22. Zhukov Yu. I., Sidashova S. O., Roman L. G. Embryo cryobanks as an important component endangered livestock breeds of Ukraine «Current state and prospects for the development of science, education and technology»: conference proceedings Internat.scientific-practical conference (Tampere, Finland, April 6, 2024). Tampere, 2024. P.51-54. Access mode: <https://drive.google.com/file/d/1Ta6u5FHf2aEvNIybJkfHZrHeaQcLhat7/view>

23. Zhukov Yu.I., Nechaeva A.A., Roman L.G., Sidashova S.A. Model of the organization of dual education in the agricultural sector on the basis of technonationalism. "Modern Scientific Research: Theoretical and Practical Aspects": conference proceedings XXII Internat. Scientist. and practice.conf. (Oslo, Norway, May 8-10, 2024.). Oslo, 2024. P.190-193. Access mode: [https://isu-conference.com/wp-content/uploads/2024/05/Modern\\_scientific\\_research\\_theoretical\\_and\\_practical\\_aspects\\_May\\_8\\_10\\_2024\\_Oslo\\_Norway.pdf](https://isu-conference.com/wp-content/uploads/2024/05/Modern_scientific_research_theoretical_and_practical_aspects_May_8_10_2024_Oslo_Norway.pdf)

24. Roman L.G., Golyk A.O. Detection of mastitis in non-lactating cows. "Current issues of forensic veterinary examination: realities and prospects": materials of the All-Ukrainian scientific-practical conference of scientific. pedagogical workers and young scientists. (Odessa, May 23-24, 2024). Odesa. 2024. P.126-129.

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25. Roman L.G., Ostrovska A.V. Effectiveness of therapeutic measures for clinical mastitis in cows. "Current issues of forensic veterinary examination: realities and prospects": materials of the All-Ukrainian scientific-practical conference of scientific and pedagogical workers and young scientists. (Odesa, May 23-24, 2024). Odesa. 2024. p.131-133. Access mode: [https://rep.btsau.edu.ua/bitstream/BNAU/11980/1/porivnjal%27na\\_efektyvnist%27.pdf](https://rep.btsau.edu.ua/bitstream/BNAU/11980/1/porivnjal%27na_efektyvnist%27.pdf)

26. Roman L.G., Shevchenko M.D. Treatment of traumatic inflammation of the genitals in cows. All-Ukrainian scientific-practical conference of scientific and pedagogical workers and young scientists: "Current issues of forensic veterinary examination: realities and prospects", Odesa. May 23-24, 2024. p.129-131. <http://lib.osau.edu.ua/jspui/handle/123456789/4806>

27. Pyatibrat V., Sklyarov P., Roman L. Development of a scheme for conservative treatment of bitches with pyometra. All-Ukrainian scientific-practical conference of scientific-pedagogical workers and young scientists: "Current issues of forensic veterinary examination: realities and prospects", Odesa. May 23-24, 2024. P.108-111. <http://lib.osau.edu.ua/jspui/handle/123456789/4806>

28. Roman L. G., Valieva O. O., Sklyarov P. M., Sidashova S. O. Structural and functional asymmetry of the ovaries in cows. Materials of the IX All-Ukrainian scientific-practical conference. Internet conference. "Solution of modern problems in veterinary medicine" February 15, 2024, Poltava. P.54-57. [https://osau.edu.ua/wp-content/uploads/2024/04/Zbirnyk\\_TEZ.pdf](https://osau.edu.ua/wp-content/uploads/2024/04/Zbirnyk_TEZ.pdf)

29. Zhukov Yu.I., Golyk A.O., Ulyzko S.I., Roman L.G. Losses of genetic resources of high-product cows as a consequence of chronic gynecological diseases. 5th International Scientific and Practical Internet onference: "Ways of Science Development in Modern Crisis Conditions", Proceedings, June 13-14,2024. FOP Marenichenko, Dnipro, 217. P.28-31. <http://www.wayscience.com/wp-content/uploads/2024/06/Conference-Proceedings-June-13-14-2024.pdf>

30. Zhukov Yu.I., Shevchenko M.D., Dankevych N.I., Roman L.G., Striczhak T.A. Polymorphism of the gonads of dairy cows with chronic gynecological pathologies. Transcending Boundaries: Unraveling the Dynamics of Cutting-Edge Research and its Transformative Impact on the Global Sphere: Proceedings of the 1st International Scientific and Practical Internet Conference, July 11-12, 2024. Dnipro, Ukraine, R.28- <http://www.wayscience.com/wp-content/uploads/2024/07/Conference-Proceedings-July-11-12-2024-1.pdf>

31. A.O. Golyk, A.A. Nechaeva, L.G. Roman, S.O. Sidashova. Preservation of Endangered Breeds of Cattle. 4th International Scientific-Practical Conference of Scientific and Pedagogical Workers and Young Scientists: "Current Aspects of the Development of Science and Education". Odesa. October 24-25. 2024. P.47-48. <https://dspace.ksaeu.kherson.ua/bitstream/handle/123456789/10044/Zbirnyk-materialiv-24-25.10.24.pdf?sequence=1&isAllowed=y>

32. Roman L.G. Diagnostic algorithm for monitoring chronic infertility in high-yielding cows. Collection of materials of the All-Ukrainian conference "Problems of animal reproduction. Ways to

solve". Scientific and Methodological Center of the VFPO. Kyiv, 2024. P.20-23. (October 23-24). <https://www.pdau.edu.ua/news/uchast-u-vseukrayinskiy-konferenciyyi-problemy-reproduktologiyi-tvaryn-shlyahy-vyrishennya>

33. Roman L.G., Kozlova A.S., Bunduk I.I. Chronic gynecological pathologies of high-yielding cows. "Veterinary medicine and biodiversity in the digital age: innovations, diagnostics, protection": abstracts of the XII annual All

### **Advanced training**

1. International internship Collegium Civitas, Poland. Program of online postgraduate internship for research & teaching staff from Ukraine. Training program: «Internationalization of higher educational». Term and scope of advanced training: 07.12.2020-29.01.2021, 180 hours (6 ECTS credits). Certificate no: 92/ 2020/ 2021.
2. Dnipro State Agro-Economic University, Department of Veterinary Surgery and Reproductology. Advanced training. Topic: «Improving the scientific, theoretical and methodological levels of teaching academic disciplines and improving the educational process at the Department of Surgery, Obstetrics and Diseases of Small Animals of Odessa State Agrarian University, improving reproduction technology and diagnostic and therapeutic algorithm for controlling obstetric and gynecological pathology of animals». Term and scope of advanced training: 04/19/2021-05/28/2021, 180 hours (6 ECTS credits). Certificate of the PC No. 00493675/048792-21 dated 05/28/2021
3. Obtaining the Certificate of Associate Professor of the Department of Surgery, Obstetrics and Small Animal Diseases. Certificate of Associate Professor AD No. 008075 dated 06/29/2021
4. Platform of open online courses of the Ministry of Digital Transformation of Ukraine. Course "Fundamentals of Cybernetics". (0.33 ECTS credits). Certificate dated 12/01/2021.
5. Ministry of Digital Transformation of Ukraine. Digigram. Testing on the national online platform. Action. Digital education. Certificate dated 02.12.2021.
6. Prometheus Massive Open Online Courses Platform. Course "Academic Integrity: An Online Course for Teachers". Training volume: 60 hours. Certificate dated 02.15.2022
7. Educational program for advanced training of pedagogical, scientific and pedagogical employees of preschool, general secondary, extracurricular, vocational (vocational and technical), professional pre-higher and higher education institutions "Google Digital Tools for Education". Advanced professional competence (digital component) in the amount of 30 academic hours (1 ECTS credit), basic level. Certificate No. GDTfE-06-B-06550 dated January 15, 2023
8. Educational program for advanced training of pedagogical, scientific and pedagogical employees of preschool, general secondary, extracurricular, vocational (vocational and technical), professional pre-higher and higher education institutions "Google Digital Tools for Education". Advanced professional competence (digital component) in the amount of 30 academic hours (1 ECTS credit), intermediate level. Certificate No. GDTfE-06-C-04239 dated January 22, 2023
9. Platform of massive open online courses Prometheus. "Academic integrity - online course for teachers", (60 hours) Certificate 09/22/2023
10. Basic online course of the National Agency for the Prevention of Corruption "Fundamentals of Anti-Corruption for Everyone and Everyone", 15 hours. Certificate dated 01/23/2024. c0df61451dd942d4b8820c5dc05a6fd3.
11. V. Dahl East Ukrainian National University, Online Webinar "Cybersecurity and Personal Data Protection", 1.5 hours. Certificate dated 05/17/2024
12. Swedish University of Agricultural Sciences. NJ faculty Department of Molecular Sciences "How to write and publish a scientific paper in international journal" - online course - 30 hours. Academic literacy in the preparation of world-class scientific publications. Methodology for creating a scientific article and academic integrity. Course time: 21-22, 25-26 of March 2024. 30 Hours of Participation (1 ECTS). To provide understanding of writing and publishing a scientific papers with emphasis on fundamental style considerations and strategy for efficient presentation of research results.. CERTIFICATE 26/03/2024.
13. Taking the NPP English test and obtaining a certificate of proficiency in a foreign language according to European language levels - Duolingo English Test - 01.04.2024. <https://certs.duolingo.com/c9c6f5ed4a1551ad9895970b6355bcc6>

14. Smarler Research webinar from 18.04.2024. Topic: "Clarivate solutions for developing your rating strategy". Certificate.
15. Platform of mass open online courses Prometheus. Course "First aid in wartime conditions". Certificate from 01/23/2025.
16. Platform of mass open online courses Prometheus. Course "First aid in wartime conditions". Certificate from 01/24/2025
17. Basic online course of the National Agency for the Prevention of Corruption "Joint work of close people". (3 hours). Certificate from 04/18/2025. 8c8a5c4e9d054094b9ccfabcb6e081f1
18. Online course "From beginner to expert in AI" Successful completion of module No. 1 "Fundamentals of artificial intelligence" Certificate from 05/30/2025, 8 hours.  
<https://app.academyocean.com/verify/i3JSFmT6cc6B4J32>
19. Online course "From beginner to expert in AI" Successful completion of module No. 2 "Working with text AI" Certificate dated 05/30/2025, 8 hours.  
<https://app.academyocean.com/verify/N37oAn0UIDzlYVh9>
20. Online course "From beginner to expert in AI" Successful completion of module No. "Deepening into the possibilities of AI" Certificate dated 05/30/2025, 10 hours.  
<https://app.academyocean.com/verify/NpE04Znjx2WWEmPH>
20. Online course "From beginner to expert in AI" Successful completion of module No. "Deepening into the possibilities of AI" Certificate dated 05/30/2025, 10 a.m.  
<https://app.academyocean.com/verify/NpE04Znjx2WWEmPH>
21. Online course "From beginner to expert in AI" Successful completion of module No. 4 "Fundamentals of creating agents" Certificate dated 05/30/2025, 12 p.m.  
<https://app.academyocean.com/verify/ozNhbuuWqy6zhJny>
22. Online course "From beginner to expert in AI" Successful completion of module No. 5 "Fundamentals of creating AI assistants" Certificate dated 05/30/2025, 4 p.m.  
<https://app.academyocean.com/verify/KGQjiXaDXkVywTmK>
23. Online course "From beginner to expert in AI" Successful completion of module No. 6 "Fundamentals of model fine-tuning" Certificate dated 05/30/2025, 20 hours.  
<https://app.academyocean.com/verify/EYLOohgDapMjxmAw>
24. Advanced training under the Erasmus+ Mobility program for AK personnel based on the University of Messina (Italy). 40 hours. Certificate dated 05/26/2025 AGREEMENT N. 2022-1-IT02-KA171-HED-000077971
25. Online course on corruption prevention "Joint work of close people". Certificate dated 04/18/2025 3 hours. 8c8a5c4e9d054094b9ccfabcbcb081F1.

### **Management of a permanent scientific circle**

Scientific leader of the student obstetric circle named after Prof. O.F. Kuzmin.  
<https://osau.edu.ua/pro-universytet/naukova-robota/stydenski-naykovi-gyrtku/gurtky-fakultetu-vmtabt/akusherskyj-gurtok-imeni-profesora-kuzmina-o-f/>

### **Scientific consulting for institutions, enterprises, organizations**

Providing advisory assistance on obstetric and gynecological care to the veterinary diagnostic center "Favorit" from 2020 to 2023

**Participation in an educational project** under the Erasmus+ program Mobility of AK personnel based on the University of Messina (Italy). 40 hours. Certificate dated 05/26/2025. Agreement n. 2022-1-it02-ka171-hed-000077971. Order from the State Administrative Service of Ukraine dated 04/25/2025 No. 953ar