

Alina Pikhtirova

PhD of Veterinary Sciences, associate professor

Position – lecturer

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Contact Information	Working address: Sanatorna st., 31, Sumy, e-mail: a.pikhtirova@med.sumdu.edu.ua
Discipline which teaches	Microbiology, virology and immunology
Scientific interests	Physiology, morphology, microbiology, virology
Experience	11 years
Education	Higher
Internship and Certification training	Wrocław University of Environmental and Life Sciences (2019) Liverpool University International Summer School (04-22.07.2022) Head of the bilateral Ukrainian-Polish grant project for 2023-2024 (0123U103302)
Monographs	Assessment of the impact of selected pathogens on changes in physical and chemical characteristics of milk and antioxidant status in cows / [Ewa Pecka-Keilb, Jolanta Bujok, Andrzej Zachwieja, Alina Pikhtirova et al.] // The use of modern methods of improving cattle and herb management in the context of the quantity and quality of products obtained : monograph. Agricultural University of Hugo Kollataj. Krakow, 2020, P. 111-136.
Basic scientific articles	Pikhtirova A., Bujok J., Pecka-Kiełb E., Zachwieja A., Vasil M., Elečko J., Zigo F. (2020). Fatty acid profile of ewe's milk infected with <i>Staphylococcus</i> spp. Iranian Journal of Veterinary Research, 21/3(72), 216-220. Shkromada O., Pikhtirova A., Tytukh Y., Baydevliatov Y., Fotin A. (2022). Treatment of Subclinical Mastitis of Cows with Probiotics. Scientific Horizons, 25(1), 30–40. Shkromada O., Pikhtirova A., Chivanov V., Ivchenko V., Sribniak N., Shvets O., Litsman Y. (2022). Detection of the synergetic influence of chemical and microbiological factors on the properties of concrete constructions at chemical plants during the long-term service. EUREKA: Physics and Engineering, (4), 114-126. Shkromada O., Fotina T., Dudnyk Y., Petrov R., Levytska V., Chivanov V., Bogatko N., Pikhtirova A., Bordun O. (2022). Reducing the biogenic corrosion of concrete in a pigsty by using disinfectants. Eastern-European Journal of Enterprise Technologies, 4/6(118), 57–66. Shkromada O., Pikhtirova A., Pecka-Kiełb E., Skliar O., Musiienko Yu. (2022). Use of probiotic <i>Bacillus megaterium</i> NCH 55 for treatment of subclinical mastitis in cows – preliminary study. Macedonian Veterinary Review, 45 (2). Chekan O., Shkromada O., Fotina T., Grebenyk N., Pikhtirova A. (2022). Indicators of immunity in associated mycotoxicosis of cows. Scientific Horizons, 25(9), 30-40. Pikhtirova A., Pecka-Kiełb E., Zachwieja A., Bujok J., Zigo F. (2022). Effects of non- <i>aureus</i> staphylococci on colostrum composition, properties and fatty acid profile in cow – a preliminary study. Polish Journal of Veterinary Sciences, 25 (4), 571–578. Shkromada O., Ivchenko V., Chivanov V., Shvets O., Moskalenko V., Kochenko A., Babenko O., Kharchenko Yu., Pikhtirova A., Yurchenko O. (2022). Determining changes in the mineral composition of concrete due to chemical corrosion in a sulfate environment. Eastern-European Journal of Enterprise Technologies, 6(6(120), 42–50.

	Zigo F., Halas S., Farkasova Z., Arvaiova J., Vargova M., Pikhtirova A., Zachwieja A., Pecka-Kielb E. (2023). Reduction of udder microbial contamination during milking routines. <i>Animal production review</i>, 5, 1-4. Pikhtirova A, Pecka-Kielb E, Zigo F. (2023). Antimicrobial activity of saponin-containing plants: review. <i>Journal of Dairy, Veterinary & Animal Research</i>, 12(2), 121–127. Pikhtirova A., Pecka-Kielb E., Kroliczewska B., Zachwieja A., Kroliczewski J., Kupczynski R. (2024). The effect of saponite clay on ruminal fermentation parameters during in vitro studies. <i>Animals</i>, 14(5), 738. Shkromada O., Fotina T., Ivchenko V., Chivanov V., Sirobaba V., Shvets O., Pikhtirova A., Babenko O., Vorobiova I., Dychenko T. (2024). Determining the characteristics of concrete in a historical building under the influence of climatic and biological factors. <i>Eastern-European Journal of Enterprise Technologies</i>, 1 (6(127)), 39-46.
Other professional activity	Member of the editorial board of the International Scientific Journal "World Science" RS Global (medical section) https://rsglobal.pl/index.php/ws/about Expert (reviewer) "Journal of the Hellenic Veterinary Medical Society", a foreign publication indexed by the Scopus scientific database, Q3, https://ejournals.epublishing.ekt.gr/index.php/jhvms/index