europass

Oleksandr Chekh

Date of birth: 07/01/1992 | **Nationality:** Ukrainian | **Gender:** Male | **Phone number:** (+380) 935373789 (Mobile) | **Email address:** olexa0701@gmail.com |

Address: Herasym Kondratiiev Street, , 160/4, 40000, Sumy, Ukraine (Home)

WORK EXPERIENCE

SUMY NATIONAL AGRARIAN UNIVERSITY – SUMY, UKRAINE

ASSISTANT AT THE DEPARTMENT OF ANIMAL GENETICS, BREEDING, AND BIOTECHNOLOGY – 02/09/2024 – CURRENT

- Research and teaching activities
- Teaching subjects: animal genetics, ecology in animal husbandry, biotechnology"

EDUCATION AND TRAINING

2017 – 2022 Ukraine
PHD Sumy National Agrarian University

2015 – 2017 Ukraine
MASTER'S DEGREE Sumy National Agrarian University

2011 – 2015 Ukraine
BACHELOR'S DEGREE Sumy National Agrarian University

2007 – 2011 Ukraine
NURSING Medical College in Pryluky

LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
GERMAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Zoom | Moodle | Google Drive | MS Office (Word, Excel, Power Point)

DRIVING LICENCE

Driving Licence: B

SOCIAL SKILLS AND COMPETENCIES

Responsible, adapted to work in a team, easily establishes rapport with people, flexible in work approaches, honest, quick learner, motivated to achieve results, conscientious in task execution, diligent, communicative, attentive to detail

ORGANIZATIONAL SKILLS AND COMPETENCIES

Well-developed planning and project coordination skills

RESEARCH WORKS AND PUBLICATIONS

Publications of the main results of the dissertation in scientific professional journals of Ukraine

1. Astrakhantseva O.H., Bordiunova O.H., **Chekh O.O.** Determination of the corrosion activity of 'artificial cuticle' and its residues on the surfaces of incubator equipment in production conditions. Bulletin of Sumy National Agrarian University. Scientific Journal. - Series 'Animal Husbandry.' 2018. Issue 7 (35). P. 76-78.
2. **Chekh O.O.**, Samokhina Ye.A., Bordiunova O.H. 'Artificial Cuticle' (ARTIFICIAL CUTICLE - 'ARTICLE') for Protecting Incubation Eggs of Chickens from Pathogenic Microflora: Composition Based on Chitosan and Nanosized Zinc Oxide (ZnO). Current Issues of Animal Production Technology: Collection of Articles Based on the Results of the IV All-Ukrainian Scientific and Practical Internet Conference, October 30-31, 2019. – Poltava, 2019. P. 141-145."
3. **"Chekh O.O.,** Bordiunova O.H. Protective Coatings Based on Chitosan Against Pathogenic Microflora of Food Eggs. Bulletin of Sumy National Agrarian University. Scientific Journal. - Series 'Animal Husbandry.' 2020. Issue 3 (42). P. 87-92. https://doi.org/10.32845/bsnau.lvst.2020.3.15
4. **Chekh O.O.,** Bordiunova O.H., Chivanov V.D. The Effect of Treatment with Protective Agents Based on 'Chitosan-Copper' Complexes on the Reduction of Food Chicken Egg Weight During Storage. Bulletin of Sumy National Agrarian University. Scientific Journal. - Series 'Animal Husbandry.' 2020. Issue 4 (43). P. 113-118." https://doi.org/10.32845/bsnau.lvst.2020.4.18
5. **Chekh O.O.,** Bordiunova O.H., Chivanov V.D. Biomimetic Technology of Pre-incubation Treatment of Chicken Eggs 'Artificial Cuticle' 'GREEN ARTICLE' TiO2Fe2O3. Bulletin of Sumy National Agrarian University. Scientific Journal. - Series 'Animal Husbandry.' 2021. Issue 3 (46). P. 94-98. https://doi.org/10.32845/bsnau.lvst.2021.3.13
6. Kremez, M., Mykhalko, O., Shpetnyi, M., Myronenko, O., Shcherbatiuk, N., Chekh, O., Yurieva, K., & Ovdiienko, K. (2025). Efficiency of rearing purebred, crossbred and hybrid litters of piglets of English origin during the suckling period. *Scientific Messenger of LNU of Veterinary Medicine and Biotechnologies. Series: Agricultural Sciences*, *27*(102), 141-150. https://doi.org/10.32718/nvlvet-a10221
7. Chekh, O. O., Kuchkova, T. P., Belchenko, A. S., Shpetnyi, M. B., & Mykhalko, O. H. (2025). Influence of the conditions of keeping red deer (cervus elaphus) in hunting facilities on its welfare and the interaction with human psychophysiological reactions during contact with animals. *Animal Breeding and Genetics*, *69*, 142-151. https://doi.org/10.31073/abg.69.15
8. Chekh, O. O., & Petrenko, H. (2025). Evaluation of the impact of combined ozonation and ultraviolet irradiation on the environmental safety and keeping conditions of lohmann lsl classic cross breed chickens in indoor poultry houses. *Bulletin of Sumy National Agrarian University. The Series: Livestock*, (2), 101-107. https://doi.org/10.32782/bsnau.lvst.2025.2.15

Articles in journals indexed in the international scientific and metric database Scopus

1.Chekh O., Bordunova O., Chivanov V., Yadgorova E., Bondarchuk L. Nanocomposite coatings for hatching eggs and table eggs. Open Agriculture, vol. 6, no. 1, 2021, pp. 573-586. https://doi.org/10.1515/opag-2021-0046
2.Bordunova O.G.; Samokhina Y.A.; Dolbanosova R.V.; Patreva L.S.; Cherniy N.V.; Chekh O.O.; Loboda V.B.; Danilchenko S.M.; Chivanov V.D. Physico-Geometric Approach to the Processes of Thermal Decomposition of the Guinea Fowl (Numida meleagris) Eggshell's Bionanocomposites. Proceedings of the 2021 IEEE 11th International Conference "Nanomaterials: Applications and Properties", NAP 2021. DOI: 10.1109/NAP51885.2021.9568520

01/09/2018 – CURRENT

Scientific and practical recommendations

1. Bordunova O.H., **Chekh O.O.**, Kovalenko L.M., Dolbanosova R.V., Yadgorova Ye.M. Technologies for Protecting Food Chicken Eggs Using Chitosan-Based Composites. Scientific and Practical Recommendations - Sumy, 2019, 20 p.
2. Chekh O.O. Methodical guidelines for laboratory and practical works on the section "Radiation Safety Techniques" for first-year bachelor students of the Faculty of Biological Technologies, Faculty of Veterinary

Medicine and Faculty of Agronomy of full-time and part-time forms of study. – Sumy, 2024. – 58 p. – Protocol No. 4 of December 13, 2024.

3. Biriukova O.D., Chekh O.O. Methodical guidelines for practical classes in the discipline "Molecular Biology" (for bachelor students majoring in 204 – Technology of Production and Processing of Livestock Products). // Sumy National Agrarian University; comp. by O.D. Biriukova, O.O. Chekh. – Sumy: SNAU, 2025. – 73 p. – Protocol No. 4 of May 19, 2025.
4. Petrenko H.O., Chekh O.O. Biotechnology. Topic: Genetic Engineering in Animal Husbandry. Methodical guidelines for laboratory and practical classes. – Sumy, 2025. – 30 p. – Protocol No. 4 of May 19, 2025.
5. Chekh O.O., Bordunova O.H., Shpetnyi M.B. Breeding of Game Animals in Enclosures: A Textbook. Sumy National Agrarian University, 2024. – 194 p. – Protocol No. 12 of December 27, 2024.

Patent

1. Bordunova O.H., **Chekh O.O.**, Dolbanosova R.V., Chivanov V.D. Composition for Processing Food Chicken Eggs: Patent for Utility Model No. 142669, Ukraine. No. u 2019 11021; application submitted on 08.11.2019; valid from 25.06.2020, bulletin No. 12. (The applicant conducted part of the experimental research and prepared materials for patenting).

Monograph

Bordunova O.H., Kovalenko L.M., Dolbanosova R.V., Chivanov V.D., **Chekh O.O.,** Petrenko H.O., Yadgorova Ye.M. Traditional Sanitation and Disinfection Measures in Industrial Poultry Farming. [collective] monograph / [O.H. Bordiunova et al.]; Sumy National Agrarian University. – Kherson: OLDI-PLUS, 2021. – 237 p.: ill., tables. – Bibliography: pp. 223-237. – 300 copies. – ISBN 978-966-289-573-5.