



# Oleksandr Chekh

**Date of birth:** 07/01/1992 | **Nationality:** Ukrainian | **Gender:** Male | **Phone number:**

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

## ● WORK EXPERIENCE

02/09/2024 – CURRENT Ukraine

**ASSISTANT AT THE DEPARTMENT OF GENETICS, SELECTION, AND BIOTECHNOLOGY**  
SUMY NATIONAL AGRARIAN UNIVERSITY

- 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	
<b>ENGLISH</b>	A2	A2	A2	A2	A2
<b>GERMAN</b>	A1	A1	A1	A1	A1

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

## ● DIGITAL SKILLS

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



## ● SOCIAL SKILLS AND COMPETENCIES

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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

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## ● ORGANIZATIONAL SKILLS AND COMPETENCIES

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Well-developed planning and project coordination skills

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## ● DRIVING LICENCE

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Driving Licence: B

## ● RESEARCH WORKS AND PUBLICATIONS

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

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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' TiO<sub>2</sub>Fe<sub>2</sub>O<sub>3</sub>. 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>

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

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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](https://doi.org/10.1109/NAP51885.2021.9568520)



## Scientific and practical recommendations

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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

## Patent

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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

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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. Bordunova 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.