	DUBROVIN, Andrey V. Candidate of Veterinary Sciences
Research interests	✓ Microbiology ✓ Molecular genetics ✓ Veterinary science ✓ Animal husbandry ✓ Zootechnics ✓ Metagenomics ✓ Transcriptomics ✓ Probiotics and other feed additives ✓ Mycotoxicology
List of the supervisor's research projects (participation/supervision)	Project supervision: ✓ Russian Science Foundation Grant No. 22-76-00053 "Search for a promising probiotic bacterial strain to reduce the spread of antibiotic resistance determinants in poultry farming", 2022-2024 ✓ Foundation for Assistance to Innovations UMNIK-20, contract No. 16882GU/2021, 2021-2023 Participation in projects: ✓ Russian Science Foundation Grant No. 23-16-20007 "Development of an integrated biotechnological approach for biological protection of cattle and livestock products from pathogenic bacteria and their toxins", 2023-2025 ✓ Russian Science Foundation Grant No. 18-016-00207 "Study of unidentifiable microorganisms of the rumen of cattle under various nutritional rations in connection with the health and productivity of animals", 2018-2020 ✓ Russian Science Foundation Grant No. 17-76-20026 "Microbiocenosis of the rumen Rangifer tarandus Arctic regions of Russia as a fundamental basis for obtaining promising biotechnologies for agricultural animals", 2017-2020 ✓ Grant of the Government of the Russian Federation No. 14.W03.31.0013 "Development of modern biotechnologies for assessing gene expression in relation to productivity and resistance to diseases in poultry farming", 2017-2019
List of potential thesis topics	✓ Microbiota of animals, humans and ecosystems ✓ Problems of antibiotic resistance of microbial systems ✓ Gene expression of animals in response to various influences ✓ Creation of bacterial strains with specified properties
Publications in the last five years	67, including 2020 (Scopus / Web of Science / RSCI)
Key publications	1. Laptev GY, Yildirim EA, Ilina LA, Filippova VA, Kochish II, Gorfunkel EP, Dubrovin AV, Brazhnik EA, Narushin VG, Novikova NI, Novikova OB, Dunyashev TP, Smolensky VI, Surai PF, Griffin DK, Romanov MN. Effects of Essential Oils-Based Supplement and Salmonella Infection on Gene Expression,

	Blood Parameters, Cecal Microbiome, and Egg Production in Laying Hens. Animals. 2021; 11(2):360. https://doi.org/10.3390/ani11020360 2. Filippova V.A., Ilina L.A., Yildirim E.A., Ponomareva E.S., Kluchnikova I.A., Dubrovin A.V., Kalitkina K.A., Zaikin V.A., Laptev G.Y. Assessing the Risk of Spreading Clostridioides difficile and Its Toxins Within the Dairy Farm // Animals - 2024, Vol. 14, No. 21, pp. 3148 3. Yildirim, E., Ilina, L., Laptev, G., Filippova, V., Brazhnik, E., Dunyashev, T., Dubrovin, A., Novikova, N., Tiurina, D., Tarlavin, N., & Laishev, K. The structure and functional profile of ruminal microbiota in young and adult reindeers (Rangifer tarandus) consuming natural winter-spring and summer-autumn seasonal diets. PeerJ, 2021, 9, e12389. https://doi.org/10.7717/peerj.12389 4. Ilina LA, Filippova VA, Brazhnik EA, Dubrovin AV, Yildirim EA, Dunyashev TP, Laptev GY, Novikova NI, Sobolev DV, Yuzhakov AA, Laishev KA. The Comparative Analysis of the Ruminal Bacterial Population in Reindeer (Rangifer tarandus L.) from the Russian Arctic Zone: Regional and Seasonal Effects. Animals. 2021; 11(3):911. https://doi.org/10.3390/ani11030911 5. Laptev G.Yu. Examination of the Expression of Immunity Genes and Bacterial Profiles in the Caecum of Growing Chickens Infected with Salmonella Enteritidis and Fed a Phytobiotic / G.Yu. Laptev, V.A. Filippova, I.I. Kochish, E.A. Yildirim, L.A. Ilina, A.V. Dubrovin, E.A. Brazhnik, N.I. Novikova, O.B. Novikova, M.E. Dmitrieva, V.I. Smolensky, P.F. Surai, D.K. Griffin, M.N. Romanov. // Animals, - 2019. - 9(9), 615. doi:10.3390/ani9090615
Code of the subject area of the PhD program	1.5.6 Biotechnology