

Сведения об официальном оппоненте

Фамилия Имя Отчество (полностью)	Андронов Евгений Евгеньевич	
Ученая степень и наименование отрасли наук, научных специальностей, по которым защищена диссертация	Степень Кандидат биологических наук	Наименование 03.00.07 — микробиология.
Полное наименование организации - основное место работы, должность	Федеральное государственное бюджетное научное учреждение "Всероссийский научно-исследовательский институт сельскохозяйственной микробиологии"	Заведующий лабораторией микробиологического мониторинга и биоремедиации почв.
Список основных публикаций оппонента по теме диссертации в рецензируемых научных изданиях за посл. 5 лет (не более 15)	<ol style="list-style-type: none"> 1. Zverev AO, Kichko AA, Pinaev AG, Provorov NA, Andronov EE. Diversity Indices of Plant Communities and Their Rhizosphere Microbiomes: An Attempt to Find the Connection. <i>Microorganisms</i>. 2021 Nov 12;9(11):2339. doi: 10.3390/microorganisms9112339. PMID: 34835464; PMCID: PMC8619031. 2. Solovev YV, Igolkina AA, Kuliaev PO, Sulima AS, Zhukov VA, Porozov YB, Pidko EA, Andronov EE. Towards Understanding Afghanistan Pea Symbiotic Phenotype Through the Molecular Modeling of the Interaction Between LykX-Sym10 Receptor Heterodimer and Nod Factors. <i>Front Plant Sci</i>. 2021 May 7;12:642591. doi: 10.3389/fpls.2021.642591. PMID: 34025691; PMCID: PMC8138044. 3. Evdokimova EV, Gladkov GV, Kuzina NI, Ivanova EA, Kimeklis AK, Zverev AO, Kichko AA, Aksenova TS, Pinaev AG, Andronov EE. The difference between cellulolytic 'culturomes' and microbiomes inhabiting two contrasting soil types. <i>PLoS One</i>. 2020 Nov 20;15(11):e0242060. doi: 10.1371/journal.pone.0242060. PMID: 33216789; PMCID: PMC7678988. 4. Provorov, N.A., Andronov, E.E., Kimeklis, A.K., Chirak, E.R., 	

- Karasev, E.S., Aksenova, T.S. and Kopat, V.V., 2020. Evolutionary Geography of Root Nodule Bacteria: Speciation Directed by the Host Plants. *Microbiology*, 89(1), pp.1-12.
5. Abdurashitov, S.F., Melnichuk, T.N., **Andronov, E.E.**, Abdurashitova, E.R., Egovtseva, A.Y. and Chirak, E., 2020. Whole Genome Sequencing of *Bacillus* sp. B5-Plant Growth Promoting Rhizobacterium. *In Vitro Cellular and Developmental Biology-Animal*, 56(S1), pp.59-59.
 6. Zverev, A.O., Pershina, E.V., Shapkin, V.M., Kichko, A.K., Mitrofanova, O.P., Kobylanskii, V.D., Yuzikhin, O.S., Belimov, A.A. and **Andronov, E.E.**, 2020. Molecular analysis of the rhizosphere microbial communities from gramineous plants grown on contrasting soils. *Microbiology*, 89(2), pp.231-241.
 7. Melnichuk, T.N., Abdurashytov, S.F., **Andronov, E.E.**, Abdurashytova, E.R., Egovtseva, A.Y., Gongalo, A.A., Turin, E.N. and Pashtetskiy, V.S., 2020. The taxonomic structure of southern chernozem at the genus level influenced by microbial preparations and farming systems. In IOP Conference Series: Earth and Environmental Science (Vol. 422, No. 1, p. 012101). IOP Publishing.
 8. Orlova, O.V., Kichko, A.A., Pershina, E.V., Pinaev, A.G. and **Andronov, E.E.**, 2020. Succession of bacterial communities in the decomposition of oats straw in two soils with contrasting properties. *Eurasian Soil Science*, 53(11), pp.1620-1628.
 9. Safronova, V., Belimov, A., Sazanova, A., Chirak, E., Kuznetsova, I., **Andronov, E.**, Pinaev, A., Tsyganova, A., Seliverstova, E., Kitaeva, A. and Tsyganov, V., 2019. Two broad host range rhizobial strains isolated from relict legumes have various complementary effects on symbiotic parameters of co-inoculated plants. *Frontiers in microbiology*, 10, p.514.
 10. Shatskaya, N.V., Bogdanova, V.S., Kosterin, O.E., Vasiliev, G.V., Kimeklis, A.K., **Andronov, E.E.** and Provorov, N.A., 2019. The plastid and mitochondrial genomes of *Vavilovia formosa* (Stev.) Fed. and the phylogeny of related legume genera. *Вавиловский журнал генетики и селекции*, 23(8), pp.972-980.
 11. Chirak, E.R., Kimeklis, A.K., Karasev, E.S., Kopat, V.V., Safronova, V.I., Belimov, A.A., Aksenova, T.S., Kabilov, M.R., Provorov, N.A. and **Andronov, E.E.**, 2019. Search for ancestral features in genomes of *Rhizobium leguminosarum* bv. *viciae* strains isolated from the relict legume *Vavilovia formosa*. *Genes*, 10(12), p.990.
 12. Karasev, E.S., **Andronov, E.E.**, Aksenova, T.S., Chizhevskaya, E.P., Tupikin, A.E. and Provorov, N.A., 2019. Evolution of goat's rue rhizobia (*Neorhizobium galegae*): analysis of polymorphism of the nitrogen fixation and nodule formation genes. *Russian Journal of Genetics*, 55(2), pp.263-266.
 13. Roumiantseva, M.L., Muntyan, V.S., Cherkasova, M.E., Saksaganskaya, A.S., **Andronov, E.E.** and Simarov, B.V., 2018.

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15. Chizhevskaya, E.P., Naidenova, E.A., Onishchuk, O.P., **Andronov, E.E.** and Simarov, B.V., 2018. The melanin biosynthesis gene from the CA15-1 strain of alfalfa nodule bacteria: molecular analysis and phylogeny. *Russian Journal of Genetics*, 54(8), pp.925-932.