

Сведения об официальном оппоненте

Фамилия Имя Отчество (полностью)	Летаров Андрей Викторович	
Ученая степень и наименование отрасли наук, научных специальностей, по которым защищена диссертация	Степень Доктор биологических наук	Наименование 03.02.02 - Вирусология, 03.01.03 - Молекулярная биология
Полное наименование организации - основное место работы, должность	Федеральное государственное учреждение Федеральный исследовательский центр «Фундаментальные основы биотехнологии» Российской академии наук, Институт микробиологии им. С.Н. Виноградского	Руководитель лаборатории вирусов микроорганизмов
Список основных публикаций оппонента по теме диссертации в рецензируемых научных изданиях за посл. 5 лет (не более 15)	1. (2016) Fisunov GY, Evsyutina DV, Semashko TA, Arzamasov AA, Manuvera VA, Letarov AV, Govorun VM. Binding site of MraZ transcription factor in Mollicutes. Biochimie. 2016 Jun;125:59-65. 2. (2016) Thiaville JJ, Kellner SM, Yuan Y, Hutinet G, Thiaville PC, Jumpathong W, Mohapatra S, Brochier-Armanet C, Letarov AV, Hillebrand R, Malik CK, Rizzo CJ, Dedon PC, de Crécy-Lagard V. Novel genomic island modifies DNA with 7-deazaguanine derivatives. Proc Natl Acad Sci U S A. 2016 Feb 29. pii:201518570. 3. (2016) Golomidova AK, Kulikov EE, Prokhorov NS, Guerrero-Ferreira RC, Knirel YA, Kostryukova ES, Tarasyan KK, Letarov AV. Branched Lateral Tail Fiber Organization in T5-Like Bacteriophages DT57C and DT571/2 is Revealed by Genetic and Functional Analysis. Viruses. 2016 Jan 21;8(1). pii: E26. 4. (2015) Golomidova AK, Kulikov EE, Prokhorov NS, Guerrero-Ferreira RC, Ksenzenko VN, Tarasyan KK, Letarov AV. Complete genome sequences of T5-related Escherichia coli bacteriophages DT57C and DT571/2 isolated from horse feces. Arch Virol. 2015 Dec;160(12):3133-7. 5. (2015) Zdrovenko EL, Golomidova AK, Prokhorov NS, Shashkov AS, Wang L,	

- Letarov AV**, Knirel YA. Structure of the O-polysaccharide of Escherichia coli O87. Carbohydr Res. 2015 Aug 14;412:15-8.
6. (2015) Knirel YA, Prokhorov NS, Shashkov AS, Ovchinnikova OG, Zdorovenko EL, Liu B, Kostryukova ES, Larin AK, Golomidova AK, **Letarov AV**. Variations in O-antigen biosynthesis and O-acetylation associated with altered phage sensitivity in Escherichia coli 4s. J Bacteriol. 2015 Mar;197(5):905-12.
 7. (2014) Kulikov EE, Golomidova AK, Letarova MA, Kostryukova ES, Zelenin AS, Prokhorov NS, **Letarov AV**. Genomic sequencing and biological characteristics of a novel Escherichia coli bacteriophage 9g, a putative representative of a new Siphoviridae genus. Viruses. 2014 Dec 19;6(12):5077-92.
 8. (2014) Dąbrowska K, Miernikiewicz P, Piotrowicz A, Hodyra K, Owczarek B, Lecion D, Kaźmierczak Z, **Letarov A**, Górski A. Immunogenicity studies of proteins forming the T4 phage head surface. J Virol. 2014 Nov;88(21):12551-7.
 9. (2013) **Letarov AV**, Krisch HM. The episodic evolution of fibrin: traces of ancient global environmental alterations may remain in the genomes of T4-like phages. Ecol Evol. 2013 Sep;3(10):3628-35.
 10. (2013) Miernikiewicz P, Dąbrowska K, Piotrowicz A, Owczarek B, Wojas-Turek J, Kicielińska J, Rossowska J, Pajtasz-Piasecka E, Hodyra K, Macegoniuk K, Rzewucka K, Kopciuch A, Majka T, **Letarov A**, Kulikov E, Maciejewski H, Górski A. T4 phage and its head surface proteins do not stimulate inflammatory mediator production. PLoS One. 2013 Aug 16;8(8):e71036.
 11. (2012) Kulikov E, Kropinski AM, Golomidova A, Lingohr E, Govorun V, Serebryakova M, Prokhorov N, Letarova M, Manykin A, Strotskaya A, **Letarov A**. Isolation and characterization of a novel indigenous intestinal N4-related coliphage vB_EcoP_G7C. Virology. 2012 May 10;426(2):93-9.
 12. (2012) Letarova M, Strelkova D, Nevolina S, **Letarov A**. A test for the "physiological phagemia" hypothesis-natural intestinal coliphages do not penetrate to the blood in

	horses. Folia Microbiol (Praha). 2012 Jan;57(1):81-3. 13. (2012) Miernikiewicz P, Owczarek B, Piotrowicz A, Boczkowska B, Rzewucka K, Figura G, Letarov A, Kulikov E, Kopciuch A, Swiła-Jeleń K, Oślizło A, Hodyra K, Gubernator J, Dąbrowska K. Recombinant expression and purification of T4 phage Hoc, Soc, gp23, gp24 proteins in native conformations with stability studies. PLoS One. 2012;7(7):e38902. 14. (2011) Clokie MR, Millard AD, Letarov AV, Heaphy S. Phages in nature. Bacteriophage. 2011 Jan;1(1):31
--	---