

## Сведения об официальном оппоненте

<p>Фамилия Имя Отчество (полностью)</p>	<p>Марданов Андрей Владимирович</p>	
<p>Ученая степень и наименование отрасли наук, научных специальностей, по которым защищена диссертация</p>	<p>Степень доктор биологических наук</p>	<p>Наименование 03.01.03 – молекулярная биология, биологические науки.</p>
<p>Полное наименование организации - основное место работы, должность</p>	<p>Федеральный исследовательский центр «Фундаментальные основы биотехнологии» РАН.</p>	<p>Заведующий лабораторией геномики микроорганизмов и метагеномики</p>
<p>Список основных публикаций оппонента по теме диссертации в рецензируемых научных изданиях за посл. 5 лет (не более 15)</p>	<p>1) Begmatov, S., Savvichev, A.S., Kadnikov, V.V., Beletsky, A.V., Rusanov, I.I., Klyuvitkin, A.A., Novichkova, <b>E.A.</b>, <b>Mardanov</b>, A.V., Pimenov, N.V. and Ravin, N.V., 2021. Microbial Communities Involved in Methane, Sulfur, and Nitrogen Cycling in the Sediments of the Barents Sea. <i>Microorganisms</i>, 9(11), p.2362.</p> <p>2) Rakitin, A.L., Naumoff, D.G., Beletsky, A.V., Kulichevskaya, I.S., <b>Mardanov</b>, <b>A.V.</b>, Ravin, N.V. and Dedysh, S.N., 2021. Complete genome sequence of the cellulolytic planctomycete <i>Telmatocola sphagniphila</i> SP2T and characterization of the first cellulolytic enzyme from planctomycetes. <i>Systematic and applied microbiology</i>, p.126276.</p> <p>3) Rakitin, A.L., Ermakova, A.Y., Beletsky, A.V., Petrova, M., <b>Mardanov</b>, <b>A.V.</b> and Ravin, N.V., 2021. Genome Analysis of <i>Acinetobacter lwoffii</i> Strains Isolated from Permafrost Soils Aged from 15 Thousand to 1.8 Million Years Revealed Their Close Relationships with Present-Day Environmental and Clinical Isolates. <i>Biology</i>, 10(9), p.871.</p> <p>4) Kadnikov, V.V., <b>Mardanov</b>, <b>A.V.</b>, Beletsky, A.V., Karnachuk, O.V. and Ravin, N.V., 2021. Metagenomic</p>	

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7) Dedysh SN, Beletsky AV, Ivanova AA, Kulichevskaya IS, Suzina NE, Philippov DA, Rakitin AL, Mardanov AV, Ravin NV. Wide distribution of Phycisphaera-like planctomycetes from WD2101 soil group in peatlands and genome analysis of the first cultivated representative. *Environ Microbiol.* 2020 Dec 15.

8) **Mardanov AV**, Kadnikov VV, Beletsky AV, Ravin NV. Sulfur and Methane-Oxidizing Microbial Community in a Terrestrial Mud Volcano Revealed by Metagenomics. *Microorganisms.* 2020 Aug 31;8(9):1333.

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- 13) Eldarov, M.A., Beletsky, A.V., Tanashchuk, T.N., Kishkovskaya, S.A., Ravin, N.V. and **Mardanov, A.V.**, 2018. Whole-genome analysis of three yeast strains used for production of sherry-like wines revealed genetic traits specific to flor yeasts. *Frontiers in microbiology*, 9, p.965.
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