

## Сведения об официальном оппоненте

Фамилия Имя Отчество (полностью)	Раменский Василий Евгеньевич	
Ученая степень и наименование отрасли наук, научных специальностей, по которым защищена диссертация	Степень Кандидат физико-математических наук	Наименование 03.00.03 – Молекулярная биология.
Полное наименование организации - основное место работы, должность	ФГБУ науки "Национальный медицинский исследовательский центр терапии и профилактической медицины" Минздрава России	Руководитель Лаборатории геномной и медицинской биоинформатики.
Список основных публикаций оппонента по теме диссертации в рецензируемых научных изданиях за посл. 5 лет (не более 15)	<ol style="list-style-type: none"> <li>Sotnikova EA, Kiseleva AV, Kutsenko VA, Zharikova AA, Ramensky VE, Divashuk MG, Vyatkin YV, Klimushina MV, Ershova AI, Revazyan KZ, Skirkop OP, Zaichenko M, Efimova IA, Pokrovskaya MS, Kopylova OV, Glechan AM, Shalnova SA, Meshkov AN, Drapkina OM. Identification of Pathogenic Variant Burden and Selection of Optimal Diagnostic Method Is a Way to Improve Carrier Screening for Autosomal Recessive Diseases. <i>J Pers Med.</i> 2022 Jul 12;12(7):1132. doi: 10.3390/jpm12071132. PMID: 35887629; PMCID: PMC9322704.</li> <li>Myasnikov R, Bukaeva A, Kulikova O, Meshkov A, Kiseleva A, Ershova A, Petukhova A, Divashuk M, Zotova E, Sotnikova E, Kharlap M, Zharikova A, Vyatkin Y, Ramensky V, Abisheva A, Muraveva A, Koretskiy S, Kudryavtseva M, Popov S, Utkina M, Mershina E, Sinitsyn V, Kogan E, Blagova O, Drapkina O. A Case of Severe Left-Ventricular Noncompaction Associated with Splicing Altering Variant in the FHOD3 Gene. <i>Genes (Basel).</i> 2022 Feb 7;13(2):309. doi: 10.3390/genes13020309. PMID: 35205353; PMCID:</li> </ol>	

	<p>PMC8872028.</p> <p>3. Ramensky VE, Ershova AI, Zaichenoka M, Kiseleva AV, Zharikova AA, Vyatkin YV, Sotnikova EA, Efimova IA, Divashuk MG, Kurilova OV, Skirko OP, Muromtseva GA, Belova OA, Rachkova SA, Pokrovskaya MS, Shalnova SA, Meshkov AN, Drapkina OM. Targeted Sequencing of 242 Clinically Important Genes in the Russian Population From the Ivanovo Region. <i>Front Genet.</i> 2021 Oct 7;12:709419. doi: 10.3389/fgene.2021.709419. PMID: 34691145; PMCID: PMC8529250.</p> <p>4. Meshkov A, Ershova A, Kiseleva A, Zotova E, Sotnikova E, Petukhova A, Zharikova A, Malyshev P, Rozhkova T, Blokhina A, Limonova A, Ramensky V, Divashuk M, Khasanova Z, Bukaeva A, Kurilova O, Skirko O, Pokrovskaya M, Mikova V, Snigir E, Akinshina A, Mitrofanov S, Kashtanova D, Makarov V, Kukharchuk V, Boytsov S, Yudin S, Drapkina O. The LDLR, APOB, and PCSK9 Variants of Index Patients with Familial Hypercholesterolemia in Russia. <i>Genes (Basel).</i> 2021 Jan 6;12(1):66. doi: 10.3390/genes12010066. PMID: 33418990; PMCID: PMC7825309.</p> <p>5. Shah Z, Filonenko ES, Ramensky V, Fan C, Wang C, Ullah H, Zhang B, Volchkov P, Samokhvalov IM. MYB bi-allelic targeting abrogates primitive clonogenic progenitors while the emergence of primitive blood cells is not affected. <i>Haematologica.</i> 2021 Aug 1;106(8):2191-2202. doi: 10.3324/haematol.2020.249193. PMID: 32732364; PMCID: PMC8327747.</p> <p>6. Schmitt CA, Bergey CM, Jasinska AJ, Ramensky V, Burt F, Svardal H, Jorgensen MJ, Freimer NB, Grobler JP, Turner TR. ACE2 and TMPRSS2 variation in savanna monkeys (<i>Chlorocebus</i> spp.): Potential risk for zoonotic/anthroponotic transmission of SARS-CoV-2 and a potential model for functional studies. <i>PLoS One.</i> 2020 Jun 23;15(6):e0235106. doi: 10.1371/journal.pone.0235106. PMID: 32574196; PMCID: PMC7310727.</p> <p>7. Sul JH, Service SK, Huang AY, Ramensky V, Hwang SG, Teshiba TM, Park Y, Ori APS, Zhang Z, Mullins N, Olde Loohuis LM, Fears SC, Araya C, Araya X, Spesny M, Bejarano J, Ramirez M, Castrillón G, Gomez-Makhinson J, Lopez MC, Montoya G, Montoya CP, Aldana I, Escobar JI, Ospina-Duque J, Kremeyer B, Bedoya G, Ruiz- Linares A, Cantor RM, Molina J, Coppola G, Ophoff RA, Macaya G, Lopez-Jaramillo C, Reus V, Bearden CE, Sabatti C, Freimer NB. Contribution of common and rare variants</p>
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- to bipolar disorder susceptibility in extended pedigrees from population isolates. *Transl Psychiatry*. 2020 Feb 24;10(1):74. doi: 10.1038/s41398-020-0758-1. PMID: 32094344; PMCID: PMC7039961.
8. Locke AE, Steinberg KM, Chiang CWK, Service SK, Havulinna AS, Stell L, Pirinen M, Abel HJ, Chiang CC, Fulton RS, Jackson AU, Kang CJ, Kanchi KL, Koboldt DC, Larson DE, Nelson J, Nicholas TJ, Pietilä A, Ramensky V, Ray D, Scott LJ, Stringham HM, Vangipurapu J, Welch R, Yajnik P, Yin X, Eriksson JG, Ala-Korpela M, Järvelin MR, Männikkö M, Laivuori H; FinnGen Project, Dutcher SK, Stitzel NO, Wilson RK, Hall IM, Sabatti C, Palotie A, Salomaa V, Laakso M, Ripatti S, Boehnke M, Freimer NB. Author Correction: Exome sequencing of Finnish isolates enhances rare-variant association power. *Nature*. 2019 Nov;575(7783):E4. doi: 10.1038/s41586-019-1726-x. Erratum for: *Nature*. 2019 Aug;572(7769):323-328. PMID: 31686056.
  9. Locke AE, Steinberg KM, Chiang CWK, Service SK, Havulinna AS, Stell L, Pirinen M, Abel HJ, Chiang CC, Fulton RS, Jackson AU, Kang CJ, Kanchi KL, Koboldt DC, Larson DE, Nelson J, Nicholas TJ, Pietilä A, Ramensky V, Ray D, Scott LJ, Stringham HM, Vangipurapu J, Welch R, Yajnik P, Yin X, Eriksson JG, Ala-Korpela M, Järvelin MR, Männikkö M, Laivuori H; FinnGen Project, Dutcher SK, Stitzel NO, Wilson RK, Hall IM, Sabatti C, Palotie A, Salomaa V, Laakso M, Ripatti S, Boehnke M, Freimer NB. Exome sequencing of Finnish isolates enhances rare-variant association power. *Nature*. 2019 Aug;572(7769):323-328. doi: 10.1038/s41586-019-1457-z. Epub 2019 Jul 31. Erratum in: *Nature*. 2019 Nov;575(7783):E4. PMID: 31367044; PMCID: PMC6697530.
  10. Lioznova AV, Khamis AM, Artemov AV, Besedina E, Ramensky V, Bajic VB, Kulakovskiy IV, Medvedeva YA. CpG traffic lights are markers of regulatory regions in human genome. *BMC Genomics*. 2019 Feb 1;20(1):102. doi: 10.1186/s12864-018-5387-1. PMID: 30709331; PMCID: PMC6359853.