

Сведения об официальном оппоненте

Фамилия Имя Отчество (полностью)	Мошковский Сергей Александрович	
Ученая степень и наименование отрасли наук, научных специальностей, по которым защищена диссертация	Степень Доктор биологических наук	Наименование 1.5.4 – биохимия.
Полное наименование организации - основное место работы, должность	ФГБУ Федеральный научно-клинический центр физико-химической медицины Федерального медико-биологического агентства	заведующий лабораторией протеогеномики.
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. Kuznetsova KG, Zvonareva SS, Ziganshin R, Mekhova ES, Dgebuadze P, Yen DTH, Nguyen THT, Moshkovskii SA, Fedosov AE. Vexitoxins: conotoxin-like venom peptides from predatory gastropods of the genus Vexillum. Proc Biol Sci. 2022 Aug 10;289(1980):20221152. doi: 10.1098/rspb.2022.1152. Epub 2022 Aug 10. PMID: 35946162; PMCID: PMC9363990. 2. Levitsky LI, Kuznetsova KG, Kliuchnikova AA, Ilina IY, Goncharov AO, Lobas AA, Ivanov MV, Lazarev VN, Ziganshin RH, Gorshkov MV, Moshkovskii SA. Validating Amino Acid Variants in Proteogenomics Using Sequence Coverage by Multiple Reads. J Proteome Res. 2022 Jun 3;21(6):1438-1448. doi: 10.1021/acs.jproteome.2c00033. Epub 2022 May 10. PMID: 35536917. 3. Nikitina AS, Lipatova AV, Goncharov AO, Kliuchnikova AA, Pyatnitskiy MA, Kuznetsova KG, Hamad A, Vorobyev PO, Alekseeva ON, Mahmoud M, Shakiba Y, Anufrieva KS, Arapidi GP, Ivanov MV, Tarasova IA, Gorshkov MV, Chumakov PM, Moshkovskii SA. Multiomic Profiling Identified EGF Receptor Signaling as a Potential Inhibitor of Type I Interferon Response in Models of Oncolytic Therapy by Vesicular Stomatitis Virus. Int J Mol Sci. 2022 May 8;23(9):5244. doi: 10.3390/ijms23095244. PMID: 35563635; PMCID: PMC9102229. 	

4. Goncharov AO, Shender VO, Kuznetsova KG, Kliuchnikova AA, Moshkovskii SA. Interplay between A-to-I Editing and Splicing of RNA: A Potential Point of Application for Cancer Therapy. *Int J Mol Sci*. 2022 May 8;23(9):5240. doi: 10.3390/ijms23095240. PMID: 35563631; PMCID: PMC9105294.
5. Lipatova AV, Soboleva AV, Gorshkov VA, Bubis JA, Solovyeva EM, Krasnov GS, Kochetkov DV, Vorobyev PO, Ilina IY, Moshkovskii SA, Kjeldsen F, Gorshkov MV, Chumakov PM, Tarasova IA. Multi-Omics Analysis of Glioblastoma Cells' Sensitivity to Oncolytic Viruses. *Cancers (Basel)*. 2021 Oct 20;13(21):5268. doi: 10.3390/cancers13215268. PMID: 34771433; PMCID: PMC8582528.
6. Kuznetsova KG, Levitsky LI, Pyatnitskiy MA, Ilina IY, Bubis JA, Solovyeva EM, Zgoda VG, Gorshkov MV, Moshkovskii SA. Cysteine alkylation methods in shotgun proteomics and their possible effects on methionine residues. *J Proteomics*. 2021 Jan 16;231:104022. doi: 10.1016/j.jprot.2020.104022. Epub 2020 Oct 20. PMID: 33096305.
7. Solovyeva EM, Moshkovskii SA, Gorshkov MV. Identification-Free Control over the Precursor Isotopic Mass Misassignment in Orbitrap-Based Proteomics. *J Am Soc Mass Spectrom*. 2021 Jan 6;32(1):218-224. doi: 10.1021/jasms.0c00281. Epub 2020 Oct 29. PMID: 33119294.
8. Buzdin A, Tkachev V, Zolotovskaia M, Garazha A, Moshkovskii S, Borisov N, Gaifullin N, Sorokin M, Suntsova M. Using proteomic and transcriptomic data to assess activation of intracellular molecular pathways. *Adv Protein Chem Struct Biol*. 2021;127:1-53. doi: 10.1016/bs.apcsb.2021.02.005. Epub 2021 Apr 5. PMID: 34340765.
9. Krivosheeva IA, Filatova AY, Moshkovskii SA, Baranova AV, Skoblov MY. Analysis of candidate genes expected to be essential for melanoma surviving. *Cancer Cell Int*. 2020 Oct 7;20:488. doi: 10.1186/s12935-020-01584-2. PMID: 33041669; PMCID: PMC7541296.
10. Kliuchnikova AA, Goncharov AO, Levitsky LI, Pyatnitskiy MA, Novikova SE, Kuznetsova KG, Ivanov MV, Ilina IY, Farafonova TE, Zgoda VG, Gorshkov MV, Moshkovskii SA. Proteome-Wide Analysis of ADAR-Mediated Messenger RNA Editing during Fruit Fly Ontogeny. *J Proteome Res*. 2020 Oct 2;19(10):4046-4060. doi: 10.1021/acs.jproteome.0c00347. Epub 2020 Sep 11. PMID: 32866021.