

Сведения о научном руководителе (консультанте)
диссертации Евсютиной Дарьи Викторовны
«Регуляция передачи генетической информации у бактерий
с редуцированным геномом»

Научный руководитель: Говорун Вадим Маркович

Ученая степень: доктор биологических наук

Ученое звание: академик РАН, профессор

Должность: директор

Место работы: Федеральное бюджетное учреждение науки «Научно-исследовательский институт системной биологии и медицины» Федеральной службы по надзору в сфере защиты прав потребителей и благополучия человека

Адрес места работы: 117246, Москва, Научный проезд, д. 18

Тел.: +7 (495) 332-01-01

E-mail : vgovorun@sysbiomed.ru

Список основных научных публикаций по специальности 1.5.3 (03.01.03) – Молекулярная биология за последние 5 лет:

1. Pavlyukov MS, Yu H, Bastola S, Minata M, Shender VO, Lee Y, Zhang S, Wang J, Komarova S, Wang J, Yamaguchi S, Alsheikh HA, Shi J, Chen D, Mohyeldin A, Kim SH, Shin YJ, Anufrieva K, Evtushenko EG, Antipova NV, Arapidi GP, Govorun V, Pestov NB, Shakhparonov MI, Lee LJ, Nam DH, Nakano I. Apoptotic Cell-Derived Extracellular Vesicles Promote Malignancy of Glioblastoma Via Intercellular Transfer of Splicing Factors. // *Cancer Cell*. 2018 Jul 9;34(1):119-135.e10.

2. Anufrieva KS, Shender VO, Arapidi GP, Pavlyukov MS, Shakhparonov MI, Shnaider PV, Butenko IO, Lagarkova MA, Govorun VM. Therapy-induced stress response is associated with downregulation of pre-mRNA splicing in cancer cells. // *Genome Med*. 2018 Jun 27;10(1):49.

3. Garanina IA, Fisunov GY, Govorun VM. BAC-BROWSER: The Tool for Visualization and Analysis of Prokaryotic Genomes. // *Front Microbiol*. 2018 Nov 21;9:2827.

4. Tyakht AV, Manolov AI, Kanygina AV, Ischenko DS, Kovarsky BA, Popenko AS, Pavlenko AV, Elizarova AV, Rakitina DV, Baikova JP, Ladygina VG, Kostyukova ES, Karpova IY, Semashko TA, Larin AK, Grigoryeva TV, Sinyagina MN, Malanin SY, Shcherbakov PL, Kharitonova AY, Khalif IL, Shapina MV, Maev IV, Andreev DN, Belousova EA, Buzunova YM, Alexeev DG, Govorun VM. Genetic diversity of *Escherichia coli* in gut microbiota of patients with Crohn's disease discovered using metagenomic and genomic analyses. // *BMC Genomics*. 2018 Dec 27;19(1):968.

5. Olekhnovich EI, Manolov AI, Samoilov AE, Prianichnikov NA, Malakhova MV, Tyakht AV, Pavlenko AV, Babenko VV, Larin AK, Kovarsky BA, Starikova EV, Glushchenko OE, Safina DD, Markelova MI, Boulygina EA, Khusnutdinova DR, Malanin SY, Abdulkhakov SR, Abdulkhakov RA, Grigoryeva TV, Kostyukova ES, Govorun VM, Ilina EN. Shifts in the Human Gut Microbiota Structure Caused by Quadruple *Helicobacter pylori* Eradication Therapy. // *Front Microbiol*. 2019 Aug 27;10:1902.

6. Fesenko I, Azarkina R, Kirov I, Kniazev A, Filippova A, Grafaskaia E, Lazarev V, Zgoda V, Butenko I, Bukato O, Lyapina I, Nazarenko D, Elansky S, Mamaeva A, Ivanov V, Govorun V. Phytohormone treatment induces generation of cryptic peptides with antimicrobial activity in the Moss *Physcomitrella patens*. // *BMC Plant Biol*. 2019 Jan 7;19(1):9.

7. Bespyatykh J, Shitikov E, Bespiatykh D, Guliaev A, Klimina K, Veselovsky V, Arapidi G, Dogonadze M, Zhuravlev V, Ilina E, Govorun V. Metabolic Changes of *Mycobacterium tuberculosis* during the Anti-Tuberculosis Therapy. // *Pathogens*. 2020 Feb 18;9(2):131.

8. Shnaider PV, Ivanova OM, Malyants IK, Anufrieva KS, Semenov IA, Pavlyukov MS, Lagarkova MA, Govorun VM, Shender VO. New Insights into Therapy-Induced Progression of Cancer. // *Int J Mol Sci*. 2020 Oct 23;21(21):7872.
9. Starikova EV, Tikhonova PO, Prianichnikov NA, Rands CM, Zdobnov EM, Iina EN, Govorun VM. Phigaro: high-throughput prophage sequence annotation. // *Bioinformatics*. 2020 Jun 1;36(12):3882-3884.
10. Koksharova OA, Butenko IO, Pobeguts OV, Safronova NA, Govorun VM. The First Proteomics Study of Nostoc sp. PCC 7120 Exposed to Cyanotoxin BMAA under Nitrogen Starvation. // *Toxins (Basel)*. 2020 May 9;12(5):310.
11. Fisunov GY, Zubov AI, Pobeguts OV, Varizhuk AM, Galyamina MA, Evsyutina DV, Semashko TA, Manuvera VA, Kovalchuk SI, Ziganshin RK, Barinov NA, Klinov DV, Govorun VM. The Dynamics of Mycoplasma gallisepticum Nucleoid Structure at the Exponential and Stationary Growth Phases. // *Front Microbiol*. 2021 Nov 18;12:753760.
12. Konanov DN, Zakharzhevskaya NB, Kardonsky DA, Zhgun ES, Kislun YV, Silantsev AS, Shagaleeva OY, Krivonos DV, Troshenkova AN, Govorun VM, Iina EN. UniQPy: A tool for estimation of short-chain fatty acids composition by gas-chromatography/mass-spectrometry with headspace extraction. // *J Pharm Biomed Anal*. 2022 Apr 1;212:114681
13. Matyushkina D, Shokina V, Tikhonova P, Manuvera V, Shirokov D, Kharlampieva D, Lazarev V, Varizhuk A, Vedekhina T, Pavlenko A, Penkin L, Arapidi G, Pavlov K, Pushkar D, Kolontarev K, Rummyantsev A, Rummyantsev S, Rychkova L, Govorun V. Autoimmune Effect of Antibodies against the SARS-CoV-2 Nucleoprotein. // *Viruses*. 2022 May 25;14(6):1141.
14. Evsyutina DV, Fisunov GY, Pobeguts OV, Kovalchuk SI, Govorun VM. Gene Silencing through CRISPR Interference in Mycoplasmas. // *Microorganisms*. 2022 Jun 5;10(6):1159.

Ученый секретарь
диссертационного совета МГУ.015.4(МГУ.03.01),
Т.В. Комарова

Подпись, печать