

Ведущая организация: **Федеральное государственное бюджетное научное учреждение «Федеральный исследовательский центр Институт цитологии и генетики Сибирского отделения Российской академии наук» (ФИЦ ИЦиГ СО РАН)**

Адрес: 630090, Новосибирск, пр. ак. Лаврентьева, 10

Тел.: +7(383) 363-49-80

Факс: +7(383) 333-12-78

e-mail: icg-adm@bionet.nsc.ru

Список научных трудов сотрудников ведущей организации:

1. Meshcheryakova, I. A., Bannikova, S. V., Rozanov, A. S., Demidova, E. V., Demidov, E. A., Goryachkovskaya, T. N., Burmakina, N. V., Shekhovtsov S. V., Bryanskaya A. V., Kolchanov, N. A., Peltek, S. E. (2017). A quantitative method for determination of PPK concentration in miscanthus leaves. *GCB Bioenergy*. 9: 262-269. DOI information: 10.1111/gcbb.12361;
2. Samoylova, Y. V., Piligaev, A. V., Sorokina, K. N., Rozanov, A. S., Peltek, S. E., Novikov, A. A., Almyasheva N. R., & Parmon, V. N. (2016). Application of the immobilized bacterial recombinant lipase from *Geobacillus stearothermophilus*. *Catalysis in Industry*. 8(2): 187-193. DOI information: 10.1134/S2070050416020082;
3. Rozanov, A. S., Bryanskaya, A. V., Kotenko, A. V., & Peltek, S. E. (2017). Draft genome sequence of *Thermoactinomyces* sp. Gus2-1 isolated from the hot-spring Gusikha in Bargusin Valley (Baikal Rift Zone, Russia). *Genomics Data*. 11: 1-2. DOI information: 10.1016/j.gdata.2016.11.014;
4. Poltarau, A. B., Sokolova, D. S., Grouzdev, D. S., Ivanov, T. M., Malakho, S. G., Korshunova, A. V., Rozanov, A.S., Tourova, T.P., Nazina, T. N. (2016). Draft genome sequence of *Aeribacillus pallidus* strain 8m3, a thermophilic hydrocarbon-oxidizing bacterium isolated from the Dagang oil field (China). *Genome announcements*. 4(3), e00500-16. DOI information: 10.1128/genomeA.00500-16;
5. Самойлова Ю.В., Пилигаев А.В., Сорокина К.Н., Розанов А.С., Пельтек С.Е., Новиков А.А., Альмяшева Н.Р., Пармон В.Н. (2015). Применение иммобилизованной рекомбинантной липазы бактерии *Geobacillus stearothermophilus* G3 для получения метиловых эфиров жирных кислот. *Катализ в промышленности*. 15(6): 90-96. DOI information: 10.18412/1816-0387-2015-6-90-96;
6. Starostin, K. V., Demidov, E. A., Bryanskaya, A. V., Efimov, V. M., Rozanov, A. S., & Peltek, S. E. (2015). Identification of *Bacillus* strains by MALDI TOF MS using geometric approach. *Scientific reports*. 5: 16989. DOI information: 10.1038/srep16989;
7. Rozanov, A. S., Bryanskaya, A. V., Malup, T. K., Kotenko, A. V., & Peltek, S. E. (2015). Draft genome sequence of a *Halorubrum* H3 strain isolated from the Burlinskoye salt lake (Altai Krai, Russia). *Genome announcements*. 3(3): e00566-15. DOI information: 10.1128/genomeA.00566-15;
8. Rozanov, A.S., Sushentseva, N.N., Malup, T.K., Goryachkovskaya, T.N., Demidova, E.V., Meshcheriakova, I.A., Demidov E.A. & Peltek, S.E. (2015). Analysis of enzymes of the hemicellulose complex from *Geobacillus stearothermophilus* 22 VKPM B-11678 isolated from Garga hot spring, Russia. *Molecular Catalysis B: Enzymatic*. 116: 159-165. DOI information: 10.1016/j.molcatb.2015.04.001;
9. Rozanov, A. S., Bryanskaya, A. V., Kotenko, A. V., Malup, T. K., & Peltek, S. E. (2014). Draft genome sequence of *Anoxybacillus flavithermus* strain 25, isolated from the Garga hot

- spring in the Barguzin Valley, Baikal Region, Russian Federation. Genome announcements. 2(6): e01258-14. DOI information: 10.1128/genomeA.01258-14;
10. Bryanskaya, A.V., Rozanov, A.S., Slynko, N.M., Shekhovtsov, S.N., & Peltek, S.E. (2015). *Geobacillus icigianus* sp. nov., a new thermophilic bacterium isolated from Valley of Geysers, Kamchatka. International Journal of Systematic and Evolutionary Microbiology. 65(3): 864-869. DOI information: 10.1099/ijs.0.000029;
 11. Rozanov, A. S., Logacheva, M. D., & Peltek, S. E. (2014). Draft genome sequences of *Geobacillus stearothermophilus* strains 22 and 53, isolated from the Garga hot spring in the Barguzin River valley of the Russian Federation. Genome announcements. 2(6): e01205-14. DOI information: 10.1128/genomeA.01205-14;
 12. Bryanskaya, A. V., Rozanov, A. S., Logacheva, M. D., Kotenko, A. V., & Peltek, S. E. (2014). Draft genome sequence of *Geobacillus icigianus* strain G1w1^T isolated from hot springs in the Valley of Geysers, Kamchatka (Russian Federation). Genome announcements. 2(5): e01098-14. DOI information: 10.1128/genomeA.01098-14;
 13. Rozanov, A. S., Ivanisenko, T. V., Bryanskaya, A. V., Shekhovtsov, S. V., Logacheva, M. D., Saik, O. V., Malup T. K., Demenkov P. S., Goryachkovskaya T. N., Ivanisenko V. A. & Peltek, S. E. (2014). Bioinformatics analysis of the genome of *Geobacillus stearothermophilus* 22 Strain isolated from the Garga hot spring, Baikal Region. Russian Journal of Genetics: Applied Research. 4(4): 267-272. DOI information: 10.1134/S207905971404011X;
 14. Rozanov, A. S., Meshcheryakova, I. A., Shekhovtsov, S. V., & Peltek, S. E. (2014). Current state of genetic and metabolic engineering of the genus *Geobacillus* aimed at production of ethanol and organic acids. Russian Journal of Genetics: Applied Research. 4(3): 218-226. DOI information: 10.1134/S2079059714030046.