

## Резюме: Гапизов Султан Шахбанович

### Адрес

Федеральное государственное бюджетное  
учреждение науки Институт биоорганической  
химии им. академиков М.М. Шемякина и Ю.А.  
Овчинникова Российской академии наук, Москва,  
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### Контакты

<https://www.ibch.ru/users/1324>

### Образование

2014– 2018	Россия, Москва	Московский Государственный Университет им. М.В. Ломоносова	Аспирантура
2009– 2014	Россия, Москва	Московский Государственный Университет им. М.В. Ломоносова	Специалитет "Биохимия"

### Работа в ИБХ

2020–наст.вр.	Младший научный сотрудник
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### Научные интересы

Неоангиогенез, воспаление, альтернативные каркасные белки

### Членство в сообществах

Российское общество биохимиков и молекулярных биологов

Федерация европейских биохимических обществ

### Степени и звания

Кандидат наук (Биологические науки, 03.00.03 — Молекулярная биология)

### Публикации

1. Shingarova LN, Petrovskaya LE, Kryukova EA, **Gapizov SS**, Dolgikh DA, Kirpichnikov MP (2023). Display of Oligo- $\alpha$ -1,6-Glycosidase from *Exiguobacterium sibiricum* on the Surface of *Escherichia coli* Cells. *Biochemistry (Mosc)* 88 (5), 716–722, [10.1134/S0006297923050140](https://doi.org/10.1134/S0006297923050140)
2. Shingarova LN, Petrovskaya LE, Kryukova EA, **Gapizov SS**, Boldyreva EF, Dolgikh DA, Kirpichnikov MP (2022). Deletion Variants of Autotransporter from *Psychrobacter cryohalolentis* Increase Efficiency of 10FN3 Exposure on the Surface of *Escherichia coli* Cells. *Biochemistry (Mosc)* 87 (9), 932–939, [10.1134/S0006297922090061](https://doi.org/10.1134/S0006297922090061)
3. Petrovskaya LE, Ziganshin RH, Kryukova EA, Zlobinov AV, **Gapizov SS**, Shingarova LN, Mironov VA, Lomakina GY, Dolgikh DA, Kirpichnikov MP (2021). Increased Synthesis of a Magnesium Transporter MgtA During Recombinant Autotransporter Expression in *Escherichia coli*. *Appl Biochem Biotechnol* 193 (11), 3672–3703, [10.1007/s12010-021-03634-5](https://doi.org/10.1007/s12010-021-03634-5)
4. Berlina YY, Petrovskaya LE, Kryukova EA, Shingarova LN, **Gapizov SS**, Kryukova MV, Rivkina EM, Kirpichnikov MP, Dolgikh DA (2021). Engineering of thermal stability in a cold-active oligo-1,6-glucosidase from *exiguobacterium sibiricum* with unusual amino acid content. *Biomolecules* 11 (8), , [10.3390/biom11081229](https://doi.org/10.3390/biom11081229)
5. **Gapizov SS**, Petrovskaya LE, Shingarova LN, Kryukova EA, Boldyreva EF, Lukashev EP, Yakimov SA, Svirshchevskaya EV, Dolgikh DA, Kirpichnikov MP (2019). Fusion with an albumin-binding domain improves pharmacokinetics of an  $\alpha$ v $\beta$ 3-integrin binding fibronectin scaffold protein. *J Appl Biochem* 66 (4), 617–625,

[10.1002/bab.1762](#)

6. Shingarova LN, Petrovskaya LE, Zlobinov AV, **Gapizov SS**, Kryukova EA, Birikh KR, Boldyreva EF, Yakimov SA, Dolgikh DA, Kirpichnikov MP (2018). Construction of Artificial TNF-Binding Proteins Based on the 10th Human Fibronectin Type III Domain Using Bacterial Display. *Biochemistry (Mosc)* 83 (6), 708–716, [10.1134/S0006297918060081](#)
7. **Gapizov SS**, Petrovskaya LE, Shingarova LN, Svirschevskaya EV, Dolgikh DA, Kirpichnikov MP (2018). The effect of TNF and VEGF on the properties of Ea.hy926 endothelial cells in a model of multi-cellular spheroids. *Acta Naturae* 10 (1), 34–42, [10.32607/20758251-2018-10-1-34-42](#)
8. Petrovskaya LE, Zlobinov AV, Shingarova LN, Boldyreva EF, **Gapizov SS**, Novototskaya-Vlasova KA, Rivkina EM, Dolgikh DA, Kirpichnikov MP (2018). Fusion with the cold-active esterase facilitates autotransporter-based surface display of the 10th human fibronectin domain in Escherichia coli. *Extremophiles* 22 (1), 141–150, [10.1007/s00792-017-0990-7](#)
9. Petrovskaya LE, Novototskaya-Vlasova KA, **Gapizov SS**, Spirina EV, Durdenko EV, Rivkina EM (2017). New member of the hormone-sensitive lipase family from the permafrost microbial community. *Bioengineered* 8 (4), 420–423, [10.1080/21655979.2016.1230571](#)
10. Petrovskaya LE, **Gapizov SS**, Shingarova LN, Kryukova EA, Boldyreva EF, Yakimov SA, Svirschevskaya EV, Lukashev EP, Dolgikh DA, Kirpichnikov MP (2014). Fluorescent fusion proteins derived from the tenth human fibronectin domain. *Russ. J. Bioorganic Chem.* 40 (4), 375–382, [10.1134/S1068162014030121](#)