

## Резюме: Буздин Антон Александрович

### Адрес

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

### Контакты

<https://www.ibch.ru/users/9>

### Работа в ИБХ

2015–наст.вр.

Ведущий научный сотрудник

### Награды

2016	Премия Правительства Москвы молодым ученым	За цикл работ по созданию системы широкомасштабного анализа геномной экспрессии «OncoFinder»
2003	Медали РАН для молодых ученых и студентов с премией	За работу «Полногеномная идентификация мобильных элементов, специфичных для ДНК человека»

### Членство в сообществах

с 2002 — Член Европейского биохимического сообщества (FEBS).

с 2006 — Член Американского общества микробиологов (American Society for Microbiology).

с 2005 — Член Российского общества охраны птиц.

### Степени и звания

Доктор наук (Биологические науки, 03.00.03 — Молекулярная биология)

### Гранты и проекты

2018–2022 — [Выявление факторов, препятствующих успешной HER-таргетной терапии при раке молочной железы и разработка противоопухолевого препарата, связывающего HER-лиганды](#)

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2. Shaban N, Raevskiy M, Zakharova G, Shipunova V, Deyev S, Suntsova M, Sorokin M, **Buzdin A**, Kamashev D (2024). Human Blood Serum Counteracts EGFR/HER2-Targeted Drug Lapatinib Impact on Squamous Carcinoma SK-BR-3 Cell Growth and Gene Expression. *Biochemistry (Mosc)* 89 (3), 487–506, [10.1134/S000629792403009X](#)
3. Shaban N, Kamashev D, Emelianova A, **Buzdin A** (2023). Targeted Inhibitors of EGFR: Structure, Biology, Biomarkers, and Clinical Applications. *Cells* 13 (1), , [10.3390/cells13010047](#)
4. Salvati A, Ferravante C, Lamberti J, Rocco T, Alexandrova E, D'Agostino Y, Sorokin M, Efimov V, **Buzdin A**, Strianese O, Nassa G, Tarallo R, Weisz A, Rizzo F, Giurato G (2023). Erratum: Author Correction: Host nasopharyngeal transcriptome dataset of a SARS-CoV-2 positive Italian cohort (Scientific data (2023) 10 1 (379)). *Sci Data* 10 (1), 588, [10.1038/s41597-023-02504-5](#)
5. Borisov N, Tkachev V, Simonov A, Sorokin M, Kim E, Kuzmin D, Karademir-Yilmaz B, **Buzdin A** (2023). Uniformly shaped harmonization combines human transcriptomic data from different platforms while retaining

- their biological properties and differential gene expression patterns. *Front Mol Biosci* 10, 1237129, [10.3389/fmolb.2023.1237129](https://doi.org/10.3389/fmolb.2023.1237129)
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  7. Kamashev D, Shaban N, Lebedev T, Prassolov V, Suntsova M, Raevskiy M, Gaifullin N, Sekacheva M, Garazha A, Poddubskaya E, Sorokin M, **Buzdin A** (2023). Human Blood Serum Can Diminish EGFR-Targeted Inhibition of Squamous Carcinoma Cell Growth through Reactivation of MAPK and EGFR Pathways. *Cells* 12 (16), , [10.3390/cells12162022](https://doi.org/10.3390/cells12162022)
  8. Sorokin MI, **Buzdin AA**, Guryanova A, Efimov V, Suntsova MV, Zolotovskaia MA, Koroleva EV, Sekacheva MI, Tkachev VS, Garazha A, Kremenchutckaya K, Drobyshev A, Seryakov A, Gudkov A, Alekseenko IV, Rakitina OA, Kostina MB, Vladimirova U, Moisseev A, Bulgin D, Radomskaya E, Shestakov V, Baklaushev VP, Prassolov V, Shegay PV, Li X, Poddubskaya EV, Gaifullin N (2023). Large-scale assessment of pros and cons of autopsy-derived or tumor-matched tissues as the norms for gene expression analysis in cancers. *Comput Struct Biotechnol J* 21, 3964–3986, [10.1016/j.csbj.2023.07.040](https://doi.org/10.1016/j.csbj.2023.07.040)
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