

Резюме: Лукьянов Сергей Анатольевич



Адрес

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Контакты

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Работа в ИБХ

2016–наст.вр.

Заведующий отделом

Членство в советах и комиссиях ИБХ

Диссертационный совет

Ученый совет

Аттестационная комиссия

Награды

2015	Государственная премия в области науки и техники	За разработку и внедрение комплекса технологий анализа структуры и функций сложных геномов
2006	Премии РАН имени Ю.А. Овчинникова и именная золотая медаль	За работу «Флуоресцентные белки: поиск, исследование и применение в биотехнологии»
2012	Международная премия в области нанотехнологий RUSNANOPRISE	За работу «Флуоресцентные белки: поиск, исследование и применение в биотехнологии»

Научные интересы

Основные научные интересы С. А. Лукьянова лежат в области анализа структуры и функции геномов эукариот.

Степени и звания

Академик

Доктор наук (Биологические науки)

Публикации

1. Britanova OV, Lupyr KR, Staroverov DB, Shagina IA, Aleksandrov AA, Ustyugov YY, Somov DV, Klimenko A, Shostak NA, Zvyagin IV, Stepanov AV, Merzlyak EM, Davydov AN, Izraelson M, Egorov ES, Bogdanova EA, Vladimirova AK, Iakovlev PA, Fedorenko DA, Ivanov RA, Skvortsova VI, **Lukyanov S**, Chudakov DM (2023). Targeted depletion of TRBV9+ T cells as immunotherapy in a patient with ankylosing spondylitis. *Nat Med* 29 (11), 2731–2736, [10.1038/s41591-023-02613-z](https://doi.org/10.1038/s41591-023-02613-z)
2. Komech EA, Koltakova AD, Barinova AA, Minervina AA, Salnikova MA, Shmidt EI, Korotaeva TV, Loginova EY, Erdes SF, Bogdanova EA, Shugay M, **Lukyanov S**, Lebedev YB, Zvyagin IV (2022). TCR repertoire profiling revealed antigen-driven CD8+ T cell clonal groups shared in synovial fluid of patients with spondyloarthritis. *Front Immunol* 13, 973243, [10.3389/fimmu.2022.973243](https://doi.org/10.3389/fimmu.2022.973243)

3. Bryushkova EA, Skatova VD, Mutovina ZY, Zagrebneva AI, Fomina DS, Kruglova TS, Akopyan AA, Strazhesko ID, **Lukyanov SA**, Tkacheva ON, Lysenko MA, Chudakov DM (2022). Tocilizumab, netakimab, and baricitinib in patients with mild-to-moderate COVID-19: An observational study. *PLoS One* 17 (8), e0273340, [10.1371/journal.pone.0273340](https://doi.org/10.1371/journal.pone.0273340)
4. Goncharov MM, Bryushkova EA, Sharayev NI, Skatova VD, Baryshnikova AM, Sharonov GV, Karnaukhov V, Vakhitova MT, Samoylenko IV, Demidov LV, **Lukyanov S**, Chudakov DM, Serebrovskaya EO (2022). Pinpointing the tumor-specific T-cells via TCR clusters. *Elife* 11, , [10.7554/eLife.77274](https://doi.org/10.7554/eLife.77274)
5. Shelyakin PV, Lupyr KR, Egorov ES, Kofiadi IA, Staroverov DB, Kasatskaya SA, Kriukova VV, Shagina IA, Merzlyak EM, Nakonechnaya TO, Latysheva EA, Manto IA, Khaitov MR, **Lukyanov SA**, Chudakov DM, Britanova OV (2021). Naïve Regulatory T Cell Subset Is Altered in X-Linked Agammaglobulinemia. *Front Immunol* 12, 697307, [10.3389/fimmu.2021.697307](https://doi.org/10.3389/fimmu.2021.697307)
6. Izraelson M, Metsger M, Davydov AN, Shagina IA, Dronina MA, Obratsova AS, Miskevich DA, Mamedov IZ, Volchkova LN, Nakonechnaya TO, Shugay M, Bolotin DA, Staroverov DB, Sharonov GV, Kondratyuk EY, Zagaynova EV, **Lukyanov S**, Shams I, Britanova OV, Chudakov DM (2021). Distinct organization of adaptive immunity in the long-lived rodent *Spalax galili*. *Nat Aging* 1 (2), 179–189, [10.1038/s43587-021-00029-3](https://doi.org/10.1038/s43587-021-00029-3)
7. (книга) Markvicheva KN, Bogdanova EA, Staroverov DB, **Lukyanov S**, Belousov VV (2019). Imaging of Intracellular Hydrogen Peroxide Production with HyPer upon Stimulation of HeLa Cells with EGF. *Methods Mol Biol* 1990, 85–91, [10.1007/978-1-4939-9463-2_7](https://doi.org/10.1007/978-1-4939-9463-2_7)
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9. Israelson MA, Stepanov AV, Staroverov DB, Shagina IA, Misorin AK, Schemeleva MA, Evstratieva AV, Merzlyak EM, Bogdanova EA, Britanova OV, **Lukyanov SA** (2018). Testing of monoclonal antibodies against the T-cell receptor associated with ankylosing spondylitis. *Bulletin of Russian State Medical University* 7 (5), 71–79, [10.24075/brsmu.2018.064](https://doi.org/10.24075/brsmu.2018.064)
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- the single cell level. *Sci Rep* 5, 7729, [10.1038/srep07729](https://doi.org/10.1038/srep07729)
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