

Резюме: Шаронов Георгий Владимирович

Адрес

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

Контакты

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Образование

1997–	г.	Московский физико-технический институт (МФТИ)	Дипломы бакалавра и магистра прикладных физики и математики. Специализация: физико-химическая биология и биотехнология.
2003	Долгопрудный, Московская обл.		

Работа в ИБХ

2020–наст.вр.	Старший научный сотрудник
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Научные интересы

Основной областью научных интересов Шаронова Г.В. является механизм действия рецепторов и передачи сигнала через плазматическую мембрану. В этих исследованиях особое внимание уделяется роли липидов и цитоскелета.

Степени и звания

Кандидат наук (Физико-математические науки)

Публикации

1. Izosimova AV, Shabalkina AV, Myshkin MY, Shurganova EV, Myalik DS, Ryzhichenko EO, Samitova AF, Barsova EV, Shagina IA, Britanova OV, Yuzhakova DV, **Sharonov GV** (2024). Local Enrichment with Convergence of Enriched T-Cell Clones Are Hallmarks of Effective Peptide Vaccination against B16 Melanoma. *Vaccines (Basel)* 12 (4), 345, [10.3390/vaccines12040345](https://doi.org/10.3390/vaccines12040345)
2. 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)
3. 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)
4. **Sharonov GV**, Nekrasova OV, Kudryashova KS, Kirpichnikov MP, Feofanov AV (2021). Bioengineered System for High Throughput Screening of Kv1 Ion Channel Blockers. *Bioengineering (Basel)* 8 (11), 187, [10.3390/bioengineering8110187](https://doi.org/10.3390/bioengineering8110187)
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6. Druzhkova I, Shirmanova M, Ignatova N, Dudenkova V, Lukina M, Zagaynova E, Safina D, Kostrov S, Didych D, Kuzmich A, **Sharonov G**, Rakitina O, Alekseenko I, Sverdlov E (2020). Expression of EMT-Related Genes in Hybrid E/M Colorectal Cancer Cells Determines Fibroblast Activation and Collagen Remodeling. *Int J Mol Sci* 21 (21), 1–26, [10.3390/ijms21218119](https://doi.org/10.3390/ijms21218119)

7. Yuzhakova DV, Volchkova LN, Pogorelyy MV, Serebrovskaya EO, Shagina IA, Bryushkova EA, Nakonechnaya TO, Izosimova AV, Zavyalova DS, Karabut MM, Izraelson M, Samoylenko IV, Zagaynov VE, Chudakov DM, Zagaynova EV, **Sharonov GV** (2020). Measuring Intratumoral Heterogeneity of Immune Repertoires. *Front Oncol* 10, 512, [10.3389/fonc.2020.00512](https://doi.org/10.3389/fonc.2020.00512)
8. Zhigalova EA, Izosimova AI, Yuzhakova DV, Volchkova LN, Shagina IA, Turchaninova MA, Serebrovskaya EO, Zagaynova EV, Chudakov DM, **Sharonov GV** (2020). RNA-Seq-Based TCR Profiling Reveals Persistently Increased Intratumoral Clonality in Responders to Anti-PD-1 Therapy. *Front Oncol* 10, 385, [10.3389/fonc.2020.00385](https://doi.org/10.3389/fonc.2020.00385)
9. Balatskaya MN, Baglay AI, Rubtsov YP, **Sharonov GV** (2020). Analysis of GPI-Anchored Receptor Distribution and Dynamics in Live Cells by Tag-mediated Enzymatic Labeling and FRET. *Methods Protoc.* 3 (2), 1–20, [10.3390/mps3020033](https://doi.org/10.3390/mps3020033)
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11. Balatskaya MN, **Sharonov GV**, Baglay AI, Rubtsov YP, Tkachuk VA (2019). Different spatiotemporal organization of GPI-anchored T-cadherin in response to low-density lipoprotein and adiponectin. *BIOCHIM BIOPHYS ACTA* 1863 (11), 129414, [10.1016/j.bbagen.2019.129414](https://doi.org/10.1016/j.bbagen.2019.129414)
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15. (конференция) Shaimanov AN, Orlikovsky NA, Khabushev EM, Zverev AV, Pishimova AA, **Sharonov GV**, Yankovskii GM, Rodionov IA, Baryshev AV (2018). Wood's anomaly for plasmonic biosensor based on 1D magneto-optical nanostructure. *J Phys Conf Ser* 1092, , [10.1088/1742-6596/1092/1/012134](https://doi.org/10.1088/1742-6596/1092/1/012134)
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