Резюме: Лебедев Юрий Борисович

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/ru/users/25

Образование

1973–1978	Москва	МГУ

Работа в ИБХ

2018–наст.вр.	Главный научный сотрудник
2026–2024	Профессор

Членство в советах и комиссиях ИБХ

- Диссертационный совет
- Ученый совет

Научные интересы

Руководитель лаборатории доктор биологических наук Юрий Борисович Лебедев является одним из ведущих отечественных специалистов в области изучения структуры, функционирования и эволюции генома млекопитающих. Исследования в этой области начаты Ю. Б. Лебедевым в начале 1990-х, когда он с группой молодых ученых лаборатории академика Е. Д. Свердлова вошли в число первых участников Российской программы «Геном Человека». Как руководитель лаборатории Ю. Б. Лебедев продолжает разрабатывать оригинальное направление эволюционной геномики, связанное с исследованием функциональных последствий распространения и активации ретропозонов в геномах высших приматов.

Членство в сообществах

В 1996 г. Лебедев Ю. Б. был принят в члены HUGO.

Степени и звания

- Профессор
- Доктор наук (Биологические науки, 03.00.03 — Молекулярная биология)

Гранты и проекты

2020–2022	Взаимодействие генотипа и репертуара Т-лимфоцитов при формировании противовирусного иммунного ответа
2015–2019	Изучение динамики системы клеточного адаптивного иммунитета при флавивирусной инфекции
2017–2020	Анализ клонального спектра малых субпопуляций Т-лимфоцитов при формировании иммунного ответа у человека

Публикации

1. Salnikova MA, Tuchynskaya KK, Minervina AA, Pogorelyy MV, Okhezin EV, Karganova GG, Mamedov IZ, **Lebedev YB** (2025). Tick-borne encephalitis virus variants drive distinct TCR repertoire alterations. *Front Immunol* 16, 1663781, 10.3389/fimmu.2025.1663781
2. Salnikova MA, **Lebedev YB** (2024). Longitudinal tracking of T-cell repertoire reveals long-lasting CD4⁺ yellow fever specific clone cluster. *Russian Journal of Infection and Immunity* 14 (3), 539–543, 10.15789/2220-7619-LTO-16665
3. Smirnova AO, Miroshnichenkova AM, Belyaeva LD, Kelmanson IV, **Lebedev YB**, Mamedov IZ, Chudakov DM, Komkov AY (2023). Novel bimodal TRBD1-TRBD2 rearrangements with dual or absent D-region contribute to TRB V-(D)-J combinatorial diversity. *Front Immunol* 14, 1245175, 10.3389/fimmu.2023.1245175
4. Smirnova AO, Miroshnichenkova AM, Olshanskaya YV, Maschan MA, **Lebedev YB**, Chudakov DM, Mamedov IZ, Komkov A (2023). The use of non-functional clonotypes as a natural calibrator for quantitative bias correction in adaptive immune receptor repertoire profiling. *Elife* 12, , 10.7554/eLife.69157
5. 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
6. Sycheva AL, Komech EA, Pogorelyy MV, Minervina AA, Urazbakhtin SZ, Salnikova MA, Vorovitch MF, Kopantzev EP, Zvyagin IV, Komkov AY, Mamedov IZ, **Lebedev YB** (2022). Inactivated tick-borne encephalitis vaccine elicits several overlapping waves of T cell response. *Front Immunol* 13, 970285, 10.3389/fimmu.2022.970285
7. Urazbakhtin S, Smirnova A, Volakhava A, Zerkalenkova E, Salyutina M, Doubek M, Jelinkova H, Khudainazarova N, Volchkov E, Belyaeva L, Komech E, Pavlova S, **Lebedev Y**, Plevova K, Olshanskaya Y, Komkov A, Mamedov I (2022). The Absence of Retroelement Activity Is Characteristic for Childhood Acute Leukemias and Adult Acute Lymphoblastic Leukemia. *Int J Mol Sci* 23 (3), , 10.3390/ijms23031756
8. **(конференция)** Sycheva AL, Pogorelyy MV, Komech EA, Urazbakhtin SZ, Minervina AA, Kopancev EP, Vorovitch MF, Zvyagin IV, Mamedov IZ, **Lebedev YB** (2021). Features of T-cell immune response to tick-borne encephalitis vaccine. *Eur J Immunol* 51 (S1), 1–448, https://doi.org/10.1002/eji.202170200
9. **(конференция)** Zvyagin IV, Blagov S, Fomchenkova V, Fadeeva M, Komech EA, Zhogov V, Barinova AA, Mikelov AI, Sycheva AL, **Lebedev YB**, Maschan MA (2021). T cell repertoire sequencing to study the contribution of different donor T cell subsets to patient repertoire at the early stage after αβT/CD19-depleted allogeneic hematopoietic stem cell transplantation. *Eur J Immunol* 51 (S1), 1–448, https://doi.org/10.1002/eji.202170200
10. **(конференция)** Комеч ЕА, Звягин ИВ, **Лебедев ЮБ**, Сальникова МА, , Минервина АА (2021). T-CELL REPERTOIRE OF SYNOVIAL FLUID IN SPONDYLOARTHROPATHIES EXHIBITS HALLMARKS OF HLA-DEPENDENT CLONAL EXPANSIONS AND REMAINS STABLE OVER 1.5 YEARS. *Ann Rheum Dis* (80), 204, 10.1136/annrheumdis-2021-eular.3498
11. Kovalenko EI, Zvyagin IV, Streltsova MA, Mikelov AI, Erokhina SA, Telford G, Sapozhnikov AM, **Lebedev YB** (2021). Surface NKG2C identifies differentiated αβT-cell clones expanded in peripheral blood. *Front Immunol* 11, 613882, 10.3389/fimmu.2020.613882
12. Minervina AA, Komech EA, Titov A, Koraichi MB, Rosati E, Mamedov IZ, Franke A, Efimov GA, Chudakov DM, Mora T, Walczak AM, **Lebedev YB**, Pogorelyy MV (2021). Longitudinal high-throughput TCR repertoire profiling reveals the dynamics of T-cell memory formation after mild COVID-19 infection. *Elife* 10, 1–17, 10.7554/eLife.63502
13. Komkov AY, Urazbakhtin SZ, Saliutina MV, Komech EA, Shelygin YA, Nugmanov GA, Shubin VP, Smirnova AO, Bobrov MY, Tsukanov AS, Snezhkina AV, Kudryavtseva AV, **Lebedev YB**, Mamedov IZ (2020). SeqURE – a new copy-capture based method for sequencing of unknown Retroposition events. *Mob DNA* 11 (1), 33, 10.1186/s13100-020-00228-6
14. **(конференция)** Mikelov AI, Komech EA, **Lebedev YB**, Zvyagin IV (2020). In- and off- season peripheral blood T cell repertoire profiling of patients with birch pollen allergy. *Allergy* 75 (S109), 188, 10.1111/all.14506
15. **(конференция)** Комков АЮ, Мамедов ИЗ, **Лебедев ЮБ**, Атапина Е (2020). A cost-effective quasi single-cell assay for deciphering of clonal architecture of leukemic cells. *Klin Padiatr* 232 (3), e7, 10.1055/s-0040-

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16. Minervina AA, Pogorelyy MV, Komech EA, Karnaukhov VK, Bacher P, Rosati E, Franke A, Chudakov D, Mamedov IZ, **Lebedev YB**, Mora T, Walczak AM (2020). Primary and secondary anti-viral response captured by the dynamics and phenotype of individual T cell clones. *Elife* 9, , 10.7554/eLife.53704
17. Rosati E, Pogorelyy MV, Dowds CM, Moller FT, Sorensen SB, **Lebedev YB**, Frey N, Schreiber S, Spehlmann ME, Andersen V, Mamedov IZ, Franke A (2019). Identification of disease-associated traits and clonotypes in the T-cell receptor repertoire of monozygotic twins affected by inflammatory bowel diseases. *J Crohns Colitis* 14 (6), 778–790, 10.1093/ecco-jcc/jjz179
18. Микелов АИ, Староверов ДБ, Комеч ЕА, **Лебедев ЮБ**, Чудаков ДМ, Zvyagin IV (2019). Correlated dynamics of serum IGE and IGE+ clonotype count with allergen air level in seasonal allergic rhinitis. *Bulletin of Russian State Medical University* 5 (5), 13–22, 10.24075/brsmu.2019.072
19. Komkov A, Miroshnichenkova A, Nugmanov G, Popov A, Pogorelyy M, Zapletalova E, Jelinkova H, Pospisilova S, **Lebedev Y**, Chudakov D, Olshanskaya Y, Plevova K, Maschan M, Mamedov I (2019). High-throughput sequencing of T-cell receptor alpha chain clonal rearrangements at the DNA level in lymphoid malignancies. *Br J Haematol* 188 (5), 723–731, 10.1111/bjh.16230
20. **(конференция)** Mikelov AI, Turchaninova MA, Komech EA, Staroverov DB, Shvets SM, **Lebedev YB**, Chudakov DM, Zvyagin IV (2019). Longitudinal profiling of immunoglobulin heavy-chain repertoires in memory B-cells, plasmablasts and plasma cells from peripheral blood of individuals with birch pollen allergy. *Allergy* 74 (S106), 174.
21. Pogorelyy MV, Minervina AA, Shugay M, Chudakov DM, **Lebedev YB**, Mora T, Walczak AM (2019). Detecting T cell receptors involved in immune responses from single repertoire snapshots. *PLoS Biol* 17 (6), e3000314, 10.1371/journal.pbio.3000314
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23. Nugmanov GA, Komkov AY, Saliutina MV, Minervina AA, **Lebedev YB**, Mamedov IZ (2019). A Pipeline for the Error-Free Identification of Somatic Alu Insertions in High-Throughput Sequencing Data. *Mol Biol* 53 (1), 138–146, 10.1134/S0026893319010114
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27. **(конференция)** Звягин ИВ, **Лебедев ЮБ**, Мясоутова АА, Комеч ЕА (2018). TCRbeta CDR3 motif is detected in synovial fluid of patients with different spondyloarthropathies. *FEBS Open Bio* 8, 489.
28. **(конференция)** Fomchenkova E, Komech A, Blagov , Sycheva L, **Lebedev B**, Chudakov M, Maschan A, Zvyagin V (2018). T cell repertoire profiling after hematopoietic stem cell transplantation with CD19/αβT cell depletion and donor lymphocyte infusion. *FEBS Open Bio* 8 (S1), 281: P.09–230–Tue.
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33. Komech EA, **Lebedev YB**, Koshenkova AV, Syrko DS, Musatkina EA, Lukyanov SA, Chudakov DM, Zvyagin IV (2018). A study of the repertoire of activated T-cell clones obtained from a patient with ankylosing spondylitis. *Bulletin of Russian State Medical University* 7 (1), 65–73, 10.24075/brsmu.2018.001
34. Komech EA, Zvyagin IV, Pogorelyy MV, Mamedov IZ, Fedorenko DA, **Lebedev YB** (2018). Characterization of the T-cell Repertoire after Autologous HSCT in Patients with Ankylosing Spondylitis. *Acta Naturae* 10 (2), 48–57, 10.32607/20758251-2018-10-2-48-57
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37. **(конференция)** Pogorelyy M, PuelmaTouzer M, Minervina AA, Sycheva AL, Chudakov DM, Mamedov IZ, Mora T, Walczak AM, **Lebedev YB** (2017). High throughput sequencing of identical twins TCR repertoires after yellow fever vaccination. , 60.
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39. **(конференция)** Сычева АЛ, Погорелый МВ, Комеч ЕА, Звягин ИВ, Мамедов ИЗ, **Лебедев ЮБ** (2017). Изучение малых субпопуляций активированных Т-лимфоцитов из крови доноров, вакцинированных против вируса жёлтой лихорадки. , 98.
40. **(конференция)** Zvyagin I, Tatarinova O, Mamedov I, Komech E, Maschan A, Shelikhova L, Kurnikova E, Boyakova E, **Lebedev Y**, Maschan M, Chudakov D (2016). T Cell Repertoire after Alpha/Beta-T Cell Depleted Allogeneic Hematopoietic Stem Cell Transplantation in Pediatric Patients. *Blood* (128), 4582.
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42. **(конференция)** Komkov AY, Minervina AA, Pogorelyy MV, Zvyagin IV, Panferova A, Olshanskaya Y, Chudakov DM, Maschan M, Mamedov IZ, **Lebedev YB** (2016). Next generation sequencing based approach for monitoring of minimal residual disease in acute lymphoblastic leukemia. *FEBS J* 283 (S1), 376, 10.1111/febs.13808
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45. **(конференция)** Сычева АЛ, Погорелый МВ, Комеч ЕА, Мамедов ИЗ, **Лебедев ЮБ** (2016). Динамика Т-клеточного репертуара человека в ходе противогриппозной вакцинации и ревакцинации. , 27.
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49. Kurnosov AA, Ustyugova SV, Nazarov VI, Minervina AA, Komkov AY, Shugay M, Pogorelyy MV, Khodosevich KV, Mamedov IZ, **Lebedev YB** (2015). The evidence for increased L1 activity in the site of human adult brain neurogenesis. *PLoS One* 10 (2), e0117854, 10.1371/journal.pone.0117854
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