

**Title:** Exploring clonal dynamics of B cell infiltrates in solid tumors

**Author(s):** Jonas Schuck, Zeina Mahmoud, Lucie Marie Hasse, Katharina Imkeller

**Affiliation(s):** Goethe University, University Hospital Frankfurt, Neurological Institute (Edinger Institute; University Cancer Center; Frankfurt Cancer Institute

## References

- [1]: van den Bent, M. J., Geurts, M., French, P. J., Smits, M., Capper, D., Bromberg, J. E. C., & Chang, S. M. (2023). Primary brain tumours in adults. *Lancet (London, England)*, 402(10412), 1564–1579. [https://doi.org/10.1016/S0140-6736\(23\)01054-1](https://doi.org/10.1016/S0140-6736(23)01054-1)
- [2]: Laumont, C. M., Banville, A. C., Gilardi, M., Hollern, D. P., & Nelson, B. H. (2022). Tumour-infiltrating B cells: immunological mechanisms, clinical impact and therapeutic opportunities. *Nature reviews. Cancer*, 22(7), 414–430. <https://doi.org/10.1038/s41568-022-00466-1>
- [3]: Cabrita, R. *et al.* (2020). Tertiary lymphoid structures improve immunotherapy and survival in melanoma. *Nature*, 577(7791), 561–565. <https://doi.org/10.1038/s41586-019-1914-8>
- [4]: Schumacher, T. N., & Thommen, D. S. (2022). Tertiary lymphoid structures in cancer. *Science*, 375(6576). <https://doi.org/10.1126/science.abf9419>
- [5]: Harazono, Y. (n.d.). ナノポア DNA シーケンシングの原理 . togoTV. <https://doi.org/10.7875/togopic.2020.01>
- [6]: Takara Bio USA, Inc. (n.d.). Smart-seq® human BCR (with UMIs) user manual. Takara. [https://www.takarabio.com/documents/UserManual/SMART/SMART-Seq Human BCR \(with UMIs\) User Manual.pdf](https://www.takarabio.com/documents/UserManual/SMART/SMART-Seq Human BCR (with UMIs) User Manual.pdf)
- [7]: Bolotin, D. A., Poslavsky, S., Mitrophanov, I., Shugay, M., Mamedov, I. Z., Putintseva, E. V., & Chudakov, D. M. (2015). MiXCR: Software for comprehensive adaptive immunity profiling. *Nature Methods*, 12(5), 380–381. <https://doi.org/10.1038/nmeth.3364>
- [8]: Kleinstein Lab. *Welcome to the immcantation portal!, Welcome to the Immcantation Portal! - Immcantation 4.5.0-2024.01.25 documentation*. Available at: <https://immcantation.readthedocs.io/en/stable/> (Accessed: 23 May 2024).