

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci crunch.org) on May 11, 2025

CZ CELLxGENE Discover

RRID:SCR_024894

Type: Tool

Proper Citation

CZ CELLxGENE Discover (RRID:SCR_024894)

Resource Information

URL: <https://cellxgene.cziscience.com/>

Proper Citation: CZ CELLxGENE Discover (RRID:SCR_024894)

Description: Portal used to find and download any of data sets published on CELLxGENE. Allows to download and visually explore data to understand functionality of human tissues at cellular level. Optimized for finding, exploring, and reusing single cell data. Collections Page lists collections hosted on CELLxGENE Discover and metadata that define tissue, assay, disease, organism, and cell count for each collection. Once you find published dataset of interest on CELLxGENE Discover, you can click on the explore button below the dataset description to explore the cells of that dataset using the CELLxGENE Explorer.

Synonyms: Chan Zuckerberg CELL by GENE Discover

Resource Type: catalog, data or information resource, portal, database

Keywords: BICAN, visually explore data, functionality of human tissues at cellular level, tissue, assay, disease, organism, cell count, collection

Funding:

Availability: Free, Freely available

Resource Name: CZ CELLxGENE Discover

Resource ID: SCR_024894

Record Creation Time: 20240118T050241+0000

Record Last Update: 20250509T060447+0000

Ratings and Alerts

No rating or validation information has been found for CZ CELLxGENE Discover.

No alerts have been found for CZ CELLxGENE Discover.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Freire-Agulleiro Ó, et al. (2025) SF1-specific deletion of the energy sensor AMPK β 2 induces obesity. *Molecular metabolism*, 92, 102091.

Zhao Y, et al. (2025) Overexpression of PLCG2 and TMEM38A inhibit tumor progression in clear cell renal cell carcinoma. *Scientific reports*, 15(1), 3192.

Rigden DJ, et al. (2025) The 2025 Nucleic Acids Research database issue and the online molecular biology database collection. *Nucleic acids research*, 53(D1), D1.

Bayam E, et al. (2025) Bi-allelic variants in WDR47 cause a complex neurodevelopmental syndrome. *EMBO molecular medicine*, 17(1), 129.

Bueckle A, et al. (2025) Construction, Deployment, and Usage of the Human Reference Atlas Knowledge Graph for Linked Open Data. *bioRxiv : the preprint server for biology*.

Ma Y, et al. (2024) Spatial Multi-Omics in Alzheimer's Disease: A Multi-Dimensional Approach to Understanding Pathology and Progression. *Current issues in molecular biology*, 46(5), 4968.

Zakar-Polyák E, et al. (2024) Profiling the transcriptomic age of single-cells in humans. *Communications biology*, 7(1), 1397.

Juliar BA, et al. (2024) Interferon- γ induces combined pyroptotic angiopathy and APOL1 expression in human kidney disease. *Cell reports*, 43(6), 114310.

Túrós D, et al. (2024) Chrysalis: decoding tissue compartments in spatial transcriptomics with archetypal analysis. *Communications biology*, 7(1), 1520.

Fortier SM, et al. (2024) MAPK phosphatase 1 inhibition of p38 β within lung myofibroblasts is essential for spontaneous fibrosis resolution. *The Journal of clinical investigation*, 134(10).

Frenz-Wiessner S, et al. (2024) Generation of complex bone marrow organoids from human induced pluripotent stem cells. *Nature methods*, 21(5), 868.

Li K, et al. (2024) Refining the optimal CAF cluster marker for predicting TME-dependent survival expectancy and treatment benefits in NSCLC patients. *Scientific reports*, 14(1), 16766.

Cao C, et al. (2024) CXCR4 orchestrates the TOX-programmed exhausted phenotype of CD8⁺ T cells via JAK2/STAT3 pathway. *Cell genomics*, 4(10), 100659.

Boakye Serebour T, et al. (2024) Overcoming barriers to single-cell RNA sequencing adoption in low- and middle-income countries. *European journal of human genetics : EJHG*, 32(10), 1206.

Chen X, et al. (2024) A brain cell atlas integrating single-cell transcriptomes across human brain regions. *Nature medicine*, 30(9), 2679.

Mangiola S, et al. (2024) A multi-organ map of the human immune system across age, sex and ethnicity. *bioRxiv : the preprint server for biology*.

Gallo R, et al. (2024) IL-17A produced by POMC neurons regulates diet-induced obesity. *iScience*, 27(7), 110259.

Samson SC, et al. (2024) Tenascin-C in the early lung cancer tumor microenvironment promotes progression through integrin α v β 1 and FAK. *bioRxiv : the preprint server for biology*.

Luo Y, et al. (2024) Systems biology-based analysis exploring shared biomarkers and pathogenesis of myocardial infarction combined with osteoarthritis. *Frontiers in immunology*, 15, 1398990.

Connolly E, et al. (2024) Loss of immune cell identity with age inferred from large atlases of single cell transcriptomes. *Aging cell*, 23(12), e14306.