

Resource Summary Report

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Liver cell atlas

RRID:SCR_023627

Type: Tool

Proper Citation

Liver cell atlas (RRID:SCR_023627)

Resource Information

URL: <https://www.livercellatlas.org>

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Description: Portal to search liver single cell RNA-sequencing datasets. Datasets for expression of genes or proteins (when CITE-seq was performed). To search for gene enter the official gene name. To search for protein please click to see specific names to use for different markers included.

Resource Type: atlas, data or information resource

Keywords: liver single cell RNA-sequencing data, liver cell, RNA-sequencing data, gene expression, protein, dataset,

Availability: Free, Freely available

Resource Name: Liver cell atlas

Resource ID: SCR_023627

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260829T183033+0000

Ratings and Alerts

No rating or validation information has been found for Liver cell atlas.

No alerts have been found for Liver cell atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yu D, et al. (2026) Single-cell atlas of hepatitis C virus inoculated tree shrew liver reveals immune activation, metabolic reprogramming, and persistent inflammation. *EBioMedicine*, 123, 106080.

Zhao L, et al. (2026) Iturin derived from *Bacillus* modulates lipid and glucose metabolism while mitigating the progression of MASLD. *iScience*, 29(4), 115470.

Sano A, et al. (2026) Endothelial cell glycogen synthase kinase 3 γ promotes lipotoxic endotheliopathy and liver inflammation in MASH. *JCI insight*, 11(12).

Balasubramani S, et al. (2026) Affinity Proteomics-Based Non-Invasive Detection of Clinically Significant Liver Disease. *Alimentary pharmacology & therapeutics*, 64(1), 74.

Severeid PE, et al. (2026) Factor VIII originates primarily from anatomically distinct subsets of liver sinusoidal endothelial cells. *Blood advances*, 10(8), 2867.

Breinig M, et al. (2026) Integrated in vivo combinatorial functional genomics and spatial transcriptomics of tumours to decode genotype-to-phenotype relationships. *Nature biomedical engineering*, 10(1), 125.

Fritzsche S, et al. (2026) Strawberry Notch 1 Acts as a Transcriptional Regulator Driving Oncogenic Programs in Liver Carcinogenesis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(20), e07238.

Fuster-Martínez I, et al. (2026) Hypoxia in MASLD: a spatial determinant of the pathogenesis. *Trends in molecular medicine*.

Calligaris M, et al. (2026) iRhom2 regulates HMGB1 secretion to modulate inflammation and hepatocyte senescence in an in vitro model of ischemia-reperfusion injury. *Cell death & disease*, 17(1), 7.

Hong H, et al. (2025) Characterizing Kupffer Cell Production of CD5 Antigen-Like and Its Function on Regulating Migration of Natural Killer T Cells. *The American journal of pathology*, 195(10), 1839.

Wu Y, et al. (2025) Cross-level Cross-Scale Inference and Imputation of Single-cell Spatial Proteomics. *Research square*.

Örd T, et al. (2025) Single-cell to pre-clinical evaluation of Trem2, Fcrl2, and Slc7a7 as macrophage-associated biomarkers for atherosclerosis. *Cardiovascular research*, 121(16), 2503.

Gill R, et al. (2025) Gc inhibition preserves insulin sensitivity and reduces body weight without loss of muscle mass. *JCI insight*, 10(23).

Saris J, et al. (2025) Peritoneal resident macrophages constitute an immunosuppressive environment in peritoneal metastasized colorectal cancer. *Nature communications*, 16(1), 3669.

Lehrich BM, et al. (2025) Precision targeting of β -catenin induces tumor reprogramming and immunity in hepatocellular cancers. *Nature communications*, 16(1), 5009.

Chen H, et al. (2025) Integrative genome-wide analysis unveils the genetic landscape of gallstone disease and highlights novel loci with therapeutic potential. *BMJ open gastroenterology*, 12(1).

Nataraj K, et al. (2025) Androgen Effects on Alcohol-induced Liver Fibrosis Are Controlled by a Notch-dependent Epigenetic Switch. *Cellular and molecular gastroenterology and hepatology*, 19(1), 101414.

Chen R, et al. (2025) A comprehensive benchmarking for spatially resolved transcriptomics clustering methods across variable technologies, organs, and replicates. *iMeta*, 4(6), e70084.

Dall M, et al. (2025) Hepatocyte dedifferentiation in 2D culture reveals extensive transcriptomic and proteomic rewiring. *Hepatology communications*, 9(11).

Ou Z, et al. (2025) Spatiotemporal Transcriptomic Profiling Reveals the Dynamic Immunological Landscape of Alveolar Echinococcosis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(18), e2405914.