

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>

Proper Citation: Liver cell atlas (RRID:SCR_023627)

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: data or information resource, atlas

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: 20260806T054753+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 24 mentions in open access literature.

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

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.

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 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).

Bourinet M, et al. (2025) CD44 in Group 1 Innate Lymphoid Cells Impacts the Development and Progression of Steatohepatitis. *Liver international : official journal of the International Association for the Study of the Liver*, 45(9), e70299.

Chang JC, et al. (2025) ATP8B1 Deficiency Causes Phosphodiesterase 4-Mediated Glucagon Resistance and Impaired Gluconeogenesis in Mouse and Human Liver. *Liver international : official journal of the International Association for the Study of the Liver*, 45(9), e70306.

Wang Z, et al. (2025) A host enzyme reduces metabolic dysfunction-associated steatotic liver disease (MASLD) by inactivating intestinal lipopolysaccharide. *eLife*, 13.

Rafaa TA, et al. (2025) Genomic Exploration of Nonalcoholic Fatty Liver Disease: Insights From Gene Expression and Variation in Morbidly Obese Individuals. *Journal of obesity*, 2025, 9245699.

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

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

Örd T, et al. (2025) Single-cell to pre-clinical evaluation of Trem2, Folr2, and Slc7a7 as macrophage-associated biomarkers for atherosclerosis. *Cardiovascular research*, 121(16), 2503.

Farrugia MA, et al. (2025) Incretins and MASLD: at the Crossroads of Endocrine and Hepatic Disorders. *Current obesity reports*, 14(1), 56.

Klein D, et al. (2025) Mapping cells through time and space with moscot. *Nature*, 638(8052), 1065.

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.

Wilson RB, et al. (2024) Elongation factor 1A1 inhibition elicits changes in lipid droplet size, the bulk transcriptome, and cell type-associated gene expression in MASLD mouse liver. *American journal of physiology. Gastrointestinal and liver physiology*, 327(4), G608.

Das MK, et al. (2024) Altered hepatic metabolic landscape and insulin sensitivity in response to pulmonary tuberculosis. *PLoS pathogens*, 20(9), e1012565.

Long R, et al. (2024) LiverSCA: A comprehensive and user-friendly cell atlas in human hepatocellular carcinoma. *Computational and structural biotechnology journal*, 23, 2740.

Sommerauer C, et al. (2024) Estrogen receptor activation remodels TEAD1 gene expression to alleviate hepatic steatosis. *Molecular systems biology*, 20(4), 374.

Hautz T, et al. (2024) Transcriptomic signatures during normothermic liver machine perfusion correspond with graft quality and predict the early graft function. *EBioMedicine*, 108, 105330.

Roca Suarez AA, et al. (2024) TLR8 agonist selgantolimod regulates Kupffer cell differentiation status and impairs HBV entry into hepatocytes via an IL-6-dependent mechanism. *Gut*, 73(12), 2012.

Geuenich MJ, et al. (2024) The impacts of active and self-supervised learning on efficient annotation of single-cell expression data. *Nature communications*, 15(1), 1014.