

Resource Summary Report

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Cincinnati Children's Hospital Single Cell Genomics Core Facility

RRID:SCR_022653

Type: Tool

Proper Citation

Cincinnati Children's Hospital Single Cell Genomics Core Facility (RRID:SCR_022653)

Resource Information

URL: <https://www.cincinnatichildrens.org/research/cores/single-cell-genomics>

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Description: Core to perform expression level analysis of thousands of genes in parallel. Uses RNA-Seq assays from Tecan Genomics, Takara and Illumina for samples with limited amounts of starting RNA. Microarray technology utilizing the Affymetrix GeneChip platform is also available.

Abbreviations: SCGC

Synonyms: Cincinnati Children's Hospital Single Cell Genomics Core, Single Cell Genomics Core

Resource Type: core facility, service resource, access service resource

Keywords: USEEdit, ABRF, expression level analysis, genes in parallel

Availability: open

Resource Name: Cincinnati Children's Hospital Single Cell Genomics Core Facility

Resource ID: SCR_022653

Alternate IDs: ABRF_1495

Alternate URLs: <https://coremarketplace.org/?FacilityID=1495&citation=1>

Record Creation Time: 20220805T050153+0000

Record Last Update: 20260801T191238+0000

Ratings and Alerts

No rating or validation information has been found for Cincinnati Children's Hospital Single Cell Genomics Core Facility.

No alerts have been found for Cincinnati Children's Hospital Single Cell Genomics Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Deng EB, et al. (2025) A Tonic Signaling Code Predicts CAR-T Cell Efficacy in Diffuse Midline Glioma. bioRxiv : the preprint server for biology.

Iwasawa K, et al. (2025) Primitive Hepatoblasts Driving Early Liver Development. bioRxiv : the preprint server for biology.

Glaser K, et al. (2025) Oncogenic Role of Aberrant EZH2 in Hepatoblastoma. bioRxiv : the preprint server for biology.

Caldwell JT, et al. (2025) CO-STIMULATORY BLOCKADE PREVENTS INTRAGRAFT ACCRUAL OF CLASS-SWITCHED, ACTIVATED B CELLS DESPITE FAILING TO PREVENT T-CELL MEDIATED REJECTION. bioRxiv : the preprint server for biology.

Tominaga K, et al. (2025) Deriving Human Intestinal Organoids with Functional Tissue-Resident Macrophages All From Pluripotent Stem Cells. Cellular and molecular gastroenterology and hepatology, 19(4), 101444.

Stiene DS, et al. (2025) Inflammatory, Functional, and Compositional Changes of the Uterine Immune Microenvironment in a Lymphangi leiomyomatosis Mouse Model. Journal of cellular immunology, 7(3), 74.

Reza HA, et al. (2025) Multi-zonal liver organoids from human pluripotent stem cells. Nature, 641(8065), 1258.

DeSana AJ, et al. (2025) Altered Neuroinflammatory Transcriptomic Profile in the Hippocampal Dentate Gyrus Three Weeks After Lateral Fluid Percussion Injury in Rats. International journal of molecular sciences, 26(18).

Han SJY, et al. (2025) A dual role for GLI3 signaling in neural crest development. bioRxiv : the preprint server for biology.

Shi M, et al. (2025) Integrating collecting systems in human kidney organoids through fusion of distal nephron to ureteric bud. *Cell stem cell*, 32(7), 1055.

Lee S, et al. (2025) Rbpj deletion in hepatic progenitor cells attenuates endothelial responses and fibrosis in DDC-fed mice. *Hepatology communications*, 9(7).

Waggoner S, et al. (2024) KLF2 determines the susceptibility of T cells to immunoregulatory NK cells. *Research square*.

Krishnan JM, et al. (2024) Effect of fentanyl on HIV expression in peripheral blood mononuclear cells. *Frontiers in microbiology*, 15, 1463441.

Stepanchick E, et al. (2024) DDX41 haploinsufficiency causes inefficient hematopoiesis under stress and cooperates with p53 mutations to cause hematologic malignancy. *Leukemia*, 38(8), 1787.

Al Reza H, et al. (2024) Self-Assembled Generation of Multi-zonal Liver Organoids from Human Pluripotent Stem Cells. *bioRxiv : the preprint server for biology*.

He H, et al. (2024) PRDM3/16 regulate chromatin accessibility required for NKX2-1 mediated alveolar epithelial differentiation and function. *Nature communications*, 15(1), 8112.

Brooks EC, et al. (2024) The ciliary protein C2cd3 is required for mandibular musculoskeletal tissue patterning. *Differentiation; research in biological diversity*, 138, 100782.

Xu N, et al. (2024) Wnt Signaling Inhibition Prevents Postnatal Inflammation and Disease Progression in Mouse Congenital Myxomatous Valve Disease. *Arteriosclerosis, thrombosis, and vascular biology*, 44(7), 1540.

Wayman JA, et al. (2024) Accessible chromatin maps of inflammatory bowel disease intestine nominate cell-type mediators of genetic disease risk. *bioRxiv : the preprint server for biology*.

Dao L, et al. (2024) Modeling blood-brain barrier formation and cerebral cavernous malformations in human PSC-derived organoids. *Cell stem cell*, 31(6), 818.