

Resource Summary Report

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University of Colorado Anschutz Medical Campus Cancer Center Flow Cytometry Shared Resource Core Facility

RRID:SCR_022035

Type: Tool

Proper Citation

University of Colorado Anschutz Medical Campus Cancer Center Flow Cytometry Shared Resource Core Facility (RRID:SCR_022035)

Resource Information

URL: <https://medschool.cuanschutz.edu/colorado-cancer-center/research/shared-resources/flow-cytometry>

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Description: Provides cytometry based services including cell sorting, flow cytometry and mass cytometry. Provides training, education, and experimental design assistance.

Abbreviations: FCSR

Synonyms: Flow Cytometry Shared Resource at the CU Cancer Center

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

Keywords: ABRF, USEDit, flow cytometry, cell sorting, mass cytometry

Resource Name: University of Colorado Anschutz Medical Campus Cancer Center Flow Cytometry Shared Resource Core Facility

Resource ID: SCR_022035

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260821T194220+0000

Ratings and Alerts

No rating or validation information has been found for University of Colorado Anschutz Medical Campus Cancer Center Flow Cytometry Shared Resource Core Facility.

No alerts have been found for University of Colorado Anschutz Medical Campus Cancer Center Flow Cytometry Shared Resource Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Sottnik JL, et al. (2026) Advanced models of lobular breast cancer metastasis capture clinical organ tropism, endocrine response, and bone remodeling. bioRxiv : the preprint server for biology.

Cozzens LM, et al. (2026) SOX9 and SEMA7A regulate cell plasticity in the postpartum mammary gland with implications for breast cancer. bioRxiv : the preprint server for biology.

Schleicher WE, et al. (2026) Trisomy 21 alters ciliary localization of Sonic Hedgehog signaling proteins. bioRxiv : the preprint server for biology.

Cuevas M, et al. (2026) Nuclei Isolation Methods on Frozen Clotted Blood Samples. Bio-protocol, 16(2), e5573.

Shaw SC, et al. (2026) Type I interferon signaling in hematopoietic cells impairs neutrophil antibacterial function in the middle ear during viral co-infection. Cell reports. Medicine, 7(6), 102846.

Stoner SN, et al. (2026) Myeloid cell reprogramming drives enhanced defense against Streptococcus pneumoniae lung infection following exposure to commensal Prevotella. bioRxiv : the preprint server for biology.

Sottnik JL, et al. (2026) Altered MDC1 Interactions and Dysfunctional DNA Repair in Lobular Breast Cancer Confers Sensitivity to PARP Inhibition. Cancer research, 86(7), 1605.

Yamamoto TM, et al. (2026) Chromobox 2 Inhibition: A Novel Activity of Alisertib, an Aurora A Kinase Inhibitor. Molecular cancer therapeutics, 25(7), 1130.

Elsayed NA, et al. (2026) Single cell protein profiling of focal cortical dysplasia in a patient requiring multiple resections. Acta neuropathologica communications, 14(1).

Garcia C, et al. (2026) FATP2-mediated lipid metabolism enhances chimeric antigen receptor T-cell therapy resistance in B-cell acute lymphoblastic leukemia. Leukemia,

40(8), 1763.

Lewis CV, et al. (2025) Vascular EC-SOD limits the accumulation, proinflammatory profibrotic reprogramming, and hyaluronan binding of interstitial macrophages in hypoxia. *American journal of physiology. Lung cellular and molecular physiology*, 328(6), L885.

Taylor AM, et al. (2025) Immunosuppressive Tumor Microenvironment of Osteosarcoma. *Cancers*, 17(13).

Goryachok M, et al. (2025) Functional CFTR may be required for *Prevotella melaninogenica* regulation of epithelial cell defense against *Staphylococcus aureus*. *Journal of cystic fibrosis : official journal of the European Cystic Fibrosis Society*.

Klosowski ML, et al. (2025) Breast cancer cell coculture induces normal lung fibroblast transition to CAFs, promoting tumor cell dormancy and therapy resistance. *Proceedings of the National Academy of Sciences of the United States of America*, 122(47), e2423894122.

Musick M, et al. (2025) CDH1 loss remodels gene expression and lineage identity in human mammary epithelial cells. *bioRxiv : the preprint server for biology*.

Garza B, et al. (2025) Tumor-infiltrating T Lymphocytes Recognize Thyroid-specific and Neo-antigens in Follicular Cell-derived Thyroid Cancers. *The Journal of clinical endocrinology and metabolism*.

Rosenbaum SR, et al. (2025) EYA3 regulation of NF- κ B and CCL2 suppresses cytotoxic NK cells in the premetastatic niche to promote TNBC metastasis. *Science advances*, 11(19), eadt0504.

Posey JN, et al. (2025) Nbeal2 knockout mice are not protected against hypoxia-induced pulmonary vascular remodeling and pulmonary hypertension. *Blood advances*, 9(7), 1571.

Veo B, et al. (2025) Single-cell multi-omics identifies metabolism-linked epigenetic reprogramming as a driver of therapy-resistant medulloblastoma. *Nature communications*, 16(1), 10470.

Lucas CJ, et al. (2024) Chikungunya virus infection disrupts lymph node lymphatic endothelial cell composition and function via MARCO. *JCI insight*, 9(4).