

Resource Summary Report

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University of Miami Sylvester Flow Cytometry Shared Resource Core Facility

RRID:SCR_022501

Type: Tool

Proper Citation

University of Miami Sylvester Flow Cytometry Shared Resource Core Facility
(RRID:SCR_022501)

Resource Information

URL: <http://www.sylvester.org/fcsr>

Proper Citation: University of Miami Sylvester Flow Cytometry Shared Resource Core Facility (RRID:SCR_022501)

Description: Provides researchers with sophisticated methods for analysis and preparative sorting of both normal and tumor cells. Helps researchers to measure parameters including apoptosis, gene expression, drug metabolism, immune responses and pathways of cellular activation, both normal and tumor related. Provides access to high parameter cytometry instrumentation including spectral cytometry, mass cytometry and imaging mass cytometry.

Abbreviations: FCSR

Synonyms: University of Miami UM Sylvester Flow Cytometry Shared Resource, UM Sylvester Flow Cytometry Shared Resource

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

Keywords: USEDit, ABRF, analysis and preparative sorting of normal and tumor cells

Resource Name: University of Miami Sylvester Flow Cytometry Shared Resource Core Facility

Resource ID: SCR_022501

Alternate IDs: ABRF_1224

Alternate URLs: <https://coremarketplace.org/?FacilityID=1224&citation=1>

Record Creation Time: 20220622T050139+0000

Ratings and Alerts

No rating or validation information has been found for University of Miami Sylvester Flow Cytometry Shared Resource Core Facility.

No alerts have been found for University of Miami Sylvester Flow Cytometry Shared Resource Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Bhalgat A, et al. (2026) CIPHER-seq enables intracellular multimodal profiling of cytokine responses in single immune cells. Scientific reports, 16(1).

Teran Pumar OY, et al. (2026) Pharmacologic DPP-4 inhibition promotes CD8+ T cell metabolic fitness to enhance anti-tumor activity. bioRxiv : the preprint server for biology.

Isik E, et al. (2026) CDK4 and CDK6 variants in patients with primary microcephaly lead to cell cycle defects and mitochondria-induced apoptosis. Journal of medical genetics, 63(6), 376.

Clarke S, et al. (2026) Establishing the first Afro-Caribbean breast cancer cell lines reveals ECM pathway enrichment and distinctive drug sensitivities. Scientific reports, 16(1).

Thangaretnam K, et al. (2026) WEE1 stabilizes MYC to promote therapeutic resistance in esophageal adenocarcinoma. Cancer letters, 646, 218418.

Leng X, et al. (2026) MicroRNA-29a enhances and preserves stem-like CD8 T cell differentiation by regulating master epigenetic circuits of exhaustion. bioRxiv : the preprint server for biology.

Kumar A, et al. (2025) Arginyltransferase1 drives a mitochondria-dependent program to induce cell death. Cell death & disease, 16(1), 622.

Thakur V, et al. (2025) Co-inhibition of Notch1 and ChK1 triggers genomic instability and melanoma cell death increasing the lifespan of mice bearing melanoma brain metastasis. Journal of experimental & clinical cancer research : CR, 44(1), 163.

Manuel SKA, et al. (2025) Dynamic assessment of PI4P metabolism using split GFP based sensors. Scientific reports, 15(1), 30805.

Kim U, et al. (2025) Protocol to detect neutral lipids with BODIPY staining in myeloid-derived suppressor cells in mouse mammary tumors. STAR protocols, 6(1), 103485.

Al-Mathkour M, et al. (2025) CDK1 drives SOX9-mediated chemotherapeutic resistance in gastric cancer. Journal of experimental & clinical cancer research : CR, 44(1), 284.

Ramzan M, et al. (2025) Carboxypeptidase D deficiency causes hearing loss amenable to treatment. The Journal of clinical investigation, 135(23).

Zafeer MF, et al. (2025) Human organoids for rapid validation of gene variants linked to cochlear malformations. Human genetics, 144(4), 375.

Pathak A, et al. (2024) γ -aminobutyric acid receptor B signaling drives glioblastoma in females in an immune-dependent manner. bioRxiv : the preprint server for biology.

Pollock TA, et al. (2024) Cocaine taking and craving produce distinct transcriptional profiles in dopamine neurons. bioRxiv : the preprint server for biology.

Chaudhry S, et al. (2024) Altered RNA export by SF3B1 mutants confers sensitivity to nuclear export inhibition. Leukemia, 38(9), 1894.

Kurtenbach S, et al. (2024) PRAME induces genomic instability in uveal melanoma. Oncogene, 43(8), 555.

de Freitas JT, et al. (2024) Notch1 blockade by a novel, selective anti-Notch1 neutralizing antibody improves immunotherapy efficacy in melanoma by promoting an inflamed TME. Journal of experimental & clinical cancer research : CR, 43(1), 295.

Garikapati K, et al. (2024) Blocking LBH expression causes replication stress and sensitizes triple-negative breast cancer cells to ATR inhibitor treatment. Oncogene, 43(12), 851.

Ballout F, et al. (2024) Targeting SMAD3 Improves Response to Oxaliplatin in Esophageal Adenocarcinoma Models by Impeding DNA Repair. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(10), 2193.