

# Resource Summary Report

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## University of North Carolina at Chapel Hill Flow Cytometry Core Facility

RRID:SCR\_019170

Type: Tool

### Proper Citation

University of North Carolina at Chapel Hill Flow Cytometry Core Facility  
(RRID:SCR\_019170)

### Resource Information

**URL:** <https://www.med.unc.edu/flowcytometry/>

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(RRID:SCR\_019170)

**Description:** Core provides flow cytometry services to UNCCH research community as well as to others in Research Triangle Park area. Provides help with experimental design, sample acquisition, data analysis, and sorting, training to run analyzers independently at reduced cost, guidance about rigor and reproducibility in all aspects of experimental design, data acquisition, analysis and reporting.

**Abbreviations:** FlowCore

**Synonyms:** , UNC School of Medicine Flow Cytometry Core Facility, UNC Flow Cytometry Core Facility

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

**Keywords:** flow cytometry service, data acquisition, data analysis, cell sorting, ABRF

**Resource Name:** University of North Carolina at Chapel Hill Flow Cytometry Core Facility

**Resource ID:** SCR\_019170

**Alternate IDs:** ABRF\_606, SciEx\_9348, SCR\_010999

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=606>

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20260731T043046+0000

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## Ratings and Alerts

No rating or validation information has been found for University of North Carolina at Chapel Hill Flow Cytometry Core Facility.

No alerts have been found for University of North Carolina at Chapel Hill Flow Cytometry Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 44 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Wang Y, et al. (2026) Alpha-gal-specific human IgE promotes both alpha-gal-induced and antigen-independent allergic effector cell activation. The Journal of allergy and clinical immunology.

VanKeulen-Miller R, et al. (2026) Characterizing the Impact of the Cell Cycle on mRNA Lipid Nanoparticles. Journal of the American Chemical Society, 148(2), 2779.

Gilley KN, et al. (2025) Alcohol use reduces the efficacy of anti-PD1 immunotherapy by disrupting anti-tumor immunity. bioRxiv : the preprint server for biology.

Lowrey LC, et al. (2025) DNA duplication in Burkholderia thailandensis induces biofilm formation by activating a two-component regulatory system. PLoS genetics, 21(5), e1011528.

Pantazis JC, et al. (2025) Integrating functional genomics and proteomics identifies Folate Carrier SLC19A1 as a predictor of pralatrexate sensitivity in T-cell lymphoma. bioRxiv : the preprint server for biology.

Bolhuis DL, et al. (2025) USP37 prevents unscheduled replisome unloading through MCM complex deubiquitination. Nature communications, 16(1), 4575.

Chiou LF, et al. (2025) The RING Finger E3 Ligase RNF25 Protects DNA Replication Forks Independently of its Canonical Roles in Ubiquitin Signaling. bioRxiv : the preprint server for biology.

McCall TF, et al. (2025) Allele-specific depletion of GNAQ Q209L via siRNA or an rAAV2-shRNA vector induces selective toxicity in GNAQ Q209L uveal melanoma cells. Molecular therapy. Oncology, 33(3), 201020.

Lewis CA, et al. (2025) HIV-1 accessory protein Vpr possesses a cryptic p300-dependent transcription-promoting activity that is blocked by histone deacetylases in CD4+ T cells. PLoS pathogens, 21(9), e1013073.

Graham-Gurysh EG, et al. (2025) Post-resection delivery of a TLR7/8 agonist from a biodegradable scaffold achieves immune-mediated glioblastoma clearance and protection against tumor challenge in mice. *Nature communications*, 16(1), 8603.

Chiou LF, et al. (2025) The RING finger E3 ligase RNF25 protects DNA replication forks independently of its canonical roles in ubiquitin signaling. *Nature communications*, 16(1), 7214.

Woodring RN, et al. (2025) Biodegradable nanofibrous scaffolds enhance standard of care for glioblastoma via localized targeted therapy. *Journal of controlled release : official journal of the Controlled Release Society*, 387, 114225.

Ly SA, et al. (2025) Controlled Release of Poly(U) via Acetalated Dextran Microparticles for Enhanced Vaccine Adjuvant Delivery. *bioRxiv : the preprint server for biology*.

Genito CJ, et al. (2025) Insulin deficiency inhibits vaccine-mediated antibody and germinal center B-cell formation in mice. *bioRxiv : the preprint server for biology*.

Johnston A, et al. (2025) Transcriptomic Signature and PROTAC Strategy Revealed Histone Lysine Demethylase as a Target of Anticancer Activity of Deferiprone. *bioRxiv : the preprint server for biology*.

Äijö T, et al. (2025) Assessing the impact of TET2 and TET3 deletion in TCRalpha and TCRbeta repertoire in murine CD4 T cells in physiological and pathophysiological conditions. *Frontiers in immunology*, 16, 1638500.

Poston TB, et al. (2025) Intranasal immunization with CPAF combined with ADU-S100 induces an effector CD4 T cell response and reduces bacterial burden following intravaginal infection with *Chlamydia muridarum*. *Vaccine*, 43(Pt 1), 126526.

McGlade CA, et al. (2025) Seeing What Sticks: Anchoring Capabilities of Moieties for Use in Cell-Conveyed Therapeutics. *Bioconjugate chemistry*, 36(12), 2618.

Moody C, et al. (2025) Rapidly dissolving biomaterials for high-efficiency viral transduction. *Acta biomaterialia*.

Ma Y, et al. (2025) mRNA lipid nanoparticle formulation, characterization and evaluation. *Nature protocols*, 20(9), 2618.