

# Resource Summary Report

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

RRID:SCR\_019170

Type: Tool

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### Proper Citation

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

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### Resource Information

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

**Proper Citation:** University of North Carolina at Chapel Hill Flow Cytometry Core Facility  
(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:** access service resource, core facility, 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:** 20260905T133418+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 59 mentions in open access literature.

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

D'Costa S, et al. (2026) CRISPR-mediated engineering of bovine satellite cells for Alpha-Gal Syndrome-compatible cultivated meat. *bioRxiv : the preprint server for biology*.

Johnston A, et al. (2026) Transcriptomic Signature and PROTAC Strategy Revealed Histone Lysine Demethylase as a Target of Anticancer Activity of Deferiprone. *ACS omega*, 11(18), 26421.

Dedloff MR, et al. (2026) Interferon lambda signaling to maternal dendritic cells protects against congenital Zika virus infection. *bioRxiv : the preprint server for biology*.

Brudno Y, et al. (2026) Soaking Up Success: Sponge-Assisted Nanoparticle Transfection. *Research square*.

Snouwaert JN, et al. (2026) Mice humanized by syntenic replacement with full-length NLRP3 disease-associated variants model the clinical cryopyrinopathy continuum. *JCI insight*, 11(5).

Stephenson GS, et al. (2026) The RNA binding protein ZFP36L2 displays tissue-selective mRNA targeting in mice. *RNA biology*, 23(1), 1.

Zimmerman MP, et al. (2026) Harnessing Inflammatory Monocytes to Overcome Resistance to Anti-PD-1 Immunotherapy. *bioRxiv : the preprint server for biology*.

Wang Y, et al. (2026) Extrachromosomal DNA Gives Cancer a New Evolutionary Pathway. *Research square*.

Walunj DT, et al. (2026) Repositioning Antihistamine for Cancer Therapy: Clemizole as a Template for the Design of Liver Tissue-Targeting Epigenetic-Modifying Agents. *Journal of medicinal chemistry*, 69(3), 2238.

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.

Chen T, et al. (2026) Constrained peptide mimics of the LRRK2 C-terminal Helix inhibits its kinase activity. *Bioorganic chemistry*, 179, 109994.

Srikanth V, et al. (2026) Hydrodynamic dispersion drives viral-cellular contact for gene delivery in porous media. *Proceedings of the National Academy of Sciences of the United States of America*, 123(29), e2603906123.

Molloy CT, et al. (2026) Irgm1 Restrains CD8+ T Cell Cytokine Production and Apoptosis via Cell-Extrinsic Regulation of Type I Interferon Signaling. *European journal of immunology*, 56(4), e70113.

Liu JD, et al. (2026) Palmitoleic acid drives gentamicin influx to outpace aminoglycoside-modifying enzymes and overcome resistance. *npj antimicrobials and resistance*.

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

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.

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*.

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*.

Virk R, et al. (2025) Genetic deletion of *Alx/Fpr2* differentially regulates pulmonary inflammation in the absence and presence of acute lung injury. *ImmunoHorizons*, 9(10).