

Resource Summary Report

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Tulane University TNBRC Flow Cytometry Core Facility

RRID:SCR_024611

Type: Tool

Proper Citation

Tulane University TNBRC Flow Cytometry Core Facility (RRID:SCR_024611)

Resource Information

URL: <https://tnbrc.tulane.edu/cores-and-services/flow-cytometry>

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Description: Core provides analytical flow cytometry services and live cell sorting under enhanced Biosafety Level 2 conditions. Instruments available include six analyzers ranging from 4-30 color acquisition and three sorters using 1-,2-,4-way, and plate sorting between 6-18 colors. Provides experimental and panel design consultation. Provides continued education in seminar format and one-on-one sessions with user.

Synonyms: , TNBRC Flow Cytometry, Tulane University TNBRC Flow Cytometry

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

Keywords: ABRF, analytical flow cytometry services, live cell sorting,

Resource Name: Tulane University TNBRC Flow Cytometry Core Facility

Resource ID: SCR_024611

Alternate IDs: ABRF_2528

Alternate URLs: <https://coremarketplace.org/?FacilityID=2528&citation=1>

Old URLs: <https://tnprc.tulane.edu/flow-cytometry>

Record Creation Time: 20231024T002344+0000

Record Last Update: 20260729T044611+0000

Ratings and Alerts

No rating or validation information has been found for Tulane University TNBRC Flow Cytometry Core Facility.

No alerts have been found for Tulane University TNBRC Flow Cytometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Rhodehouse K, et al. (2026) Dynamics of natural and pharmacologic control of an SIV variant with an envelope trafficking defect. *The Journal of experimental medicine*, 223(2).

Reifel KM, et al. (2025) Verifying Proper Function of the Aerosol Evacuation System Prior to Sorting Potentially Infectious Samples. *Current protocols*, 5(3), e70123.

Wu C, et al. (2025) Persistence of CMV-specific anti-HIV CAR T cells after adoptive immunotherapy. *Journal of virology*, 99(5), e0193324.

Fell SL, et al. (2025) Inflammatory neutrophil responses and T cell activation in ART-treated SIVmac239-infected rhesus macaques. *Journal of immunology (Baltimore, Md. : 1950)*.

Van Zandt AR, et al. (2025) Simian Immunodeficiency Virus-Derived Extracellular Vesicles Induce a Chronic Inflammatory Phenotype in Healthy Astrocytes Unresolved by Anti-Retroviral Therapy. *Pharmaceutics*, 17(11).

Melton A, et al. (2025) Distinct transcriptomic signatures in pulmonary tissue resident and vascular resident-like T cells in nonhuman primates. *iScience*, 28(6), 112745.

Van Zandt AR, et al. (2025) THC reverses SIV-induced senescence in astrocytes: possible compensatory mechanism against HIV associated brain injury? *Frontiers in cellular neuroscience*, 19, 1642917.

Ma L, et al. (2025) Impact of Delayed Early Antiretroviral Therapy Initiation on Treatment Outcomes in Infant Macaques Exposed to SHIVAD8. *Viruses*, 17(6).

Zenere G, et al. (2024) Extracellular domain, hinge, and transmembrane determinants affecting surface CD4 expression of a novel anti-HIV chimeric antigen receptor (CAR) construct. *PloS one*, 19(8), e0293990.

Thirugnanam S, et al. (2024) High IL-1?? and IL-18 Levels Associate with Gut Barrier Disruption and Monocyte Activation During Chronic SIV Infection with Long-Term Suppressive Antiretroviral Therapy. *bioRxiv : the preprint server for biology*.

Melton A, et al. (2024) The Impact of SIV-Induced Immunodeficiency on SARS-CoV-2 Disease, Viral Dynamics, and Antiviral Immune Response in a Nonhuman Primate Model of Coinfection. *Viruses*, 16(7).

Nemphos SM, et al. (2024) Elevated Inflammation Associated with Markers of Neutrophil Function and Gastrointestinal Disruption in Pilot Study of *Plasmodium fragile* Co-Infection of ART-Treated SIVmac239+ Rhesus Macaques. *Viruses*, 16(7).

Melton A, et al. (2023) The Impact of SIV-Induced Immunodeficiency on Clinical Manifestation, Immune Response, and Viral Dynamics in SARS-CoV-2 Coinfection. *bioRxiv* : the preprint server for biology.