

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: core facility, access service resource, service resource

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: 20260808T190711+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 19 mentions in open access literature.

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

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).

Nemphos SM, et al. (2026) Gastrointestinal Mucosal Disruptions During ART-Treated SIV/Plasmodium fragile Co-Infection. *Pathogens & immunity*, 11(1), 39.

Thirugnanam S, et al. (2026) Dietary indoles influence the AHR-ROR γ t axis and mucosal immune homeostasis in ART-treated SIV infection. *JCI insight*, 11(10).

Xu H, et al. (2026) Initiation of Long-Acting Antiretroviral Combinations Achieve Sustained Virologic Remission in Early-Life SIV Infection. *Research square*.

Suresh Babu N, et al. (2026) Metabolic reprogramming by caloric restriction enhances acute phase virological control and reduces chronic inflammation in SIV-infected rhesus macaques. *bioRxiv : the preprint server for biology*.

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.

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

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.

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)*.

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

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).

Thirugnanam S, et al. (2025) Dietary Indoles Modulate Gut Barrier Integrity via the AhR-IL-22 Axis in ART-Treated SIV Infection. *bioRxiv : the preprint server for biology*.

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.

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).

Thirugnanam S, et al. (2024) The Association between IL-1 β and IL-18 Levels, Gut Barrier Disruption, and Monocyte Activation during Chronic Simian Immunodeficiency Virus Infection and Long-Term Suppressive Antiretroviral Therapy. *International journal of molecular sciences*, 25(16).

Thirugnanam S, et al. (2024) High IL-1 β 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).

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*.