

Resource Summary Report

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Tulane University TNPRC Pathogen Detection and Quantification Core Facility

RRID:SCR_024614

Type: Tool

Proper Citation

Tulane University TNPRC Pathogen Detection and Quantification Core Facility
(RRID:SCR_024614)

Resource Information

URL: <https://tnprc.tulane.edu/pathogen-detection-and-quantification-core>

Proper Citation: Tulane University TNPRC Pathogen Detection and Quantification Core Facility (RRID:SCR_024614)

Description: THIS RESOURCE IS NO LONGER AVAILABLE. SAME SERVICES ARE AVAILABLE IN Molecular Virology and Sequencing Core. Documented on January 28, 2025. Core provides services for maintaining Specific Pathogen Free status in macaque breeding colonies. Services include antibody detection in serum or plasma by Luminex-based assays and /or ELISA for SPF-agents like SIV, SRV, STLV, B virus, SFV, CMV, RRV, SVV, SV40, and LCV, and non-SPF infectious agents like measles, Burkholderia pseudomallei, Tripanosoma cruzi, Mycobacterium tuberculosis, and SARS-CoV-2. Offers services of cytokines quantification, and molecular assays for detection of SRV, CMV, SFV, and RRV. Performs nucleic acid purification from blood and tissue samples as well as qPCR for SIV viral load in plasma, cells, or tissue.

Abbreviations: PDQC

Synonyms: , Tulane University TNPRC Pathogen Detection and Quantification Core, TNPRC Pathogen Detection and Quantification Core

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

Keywords: ABRF, Specific Pathogen Free status in macaque breeding colonies services,

Availability: THIS RESOURCE IS NO LONGER IN SERVICE.

Resource Name: Tulane University TNPRC Pathogen Detection and Quantification Core Facility

Resource ID: SCR_024614

Alternate IDs: ABRF_2524

Alternate URLs: <https://coremarketplace.org/?FacilityID=2524&citation=1>

Record Creation Time: 20231024T002344+0000

Record Last Update: 20260815T183155+0000

Ratings and Alerts

No rating or validation information has been found for Tulane University TNPRC Pathogen Detection and Quantification Core Facility.

No alerts have been found for Tulane University TNPRC Pathogen Detection and Quantification Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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).

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.

Manuel TD, et al. (2025) A rhesus macaque model of congenital cytomegalovirus infection reveals a spectrum of vertical transmission outcomes. Communications biology, 8(1), 1647.

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).

Kaur A, et al. (2025) Nonhuman primate model mirroring human congenital cytomegalovirus infection reveals a spectrum of vertical transmission outcomes. Research square.

Bohannon DG, et al. (2024) CSF1R inhibition depletes brain macrophages and reduces brain virus burden in SIV-infected macaques. Brain : a journal of neurology, 147(9), 3059.

Zablocki-Thomas L, et al. (2024) Plasma galectin-9 levels correlate with blood monocyte turnover and predict simian/human immunodeficiency virus disease progression. *Translational medicine communications*, 9(1).

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).

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).

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*.

Palmer CS, et al. (2024) Non-human primate model of long-COVID identifies immune associates of hyperglycemia. *Nature communications*, 15(1), 6664.

Parthasarathy G, et al. (2024) Fibroblast growth factor receptor inhibitors mitigate the neuropathogenicity of *Borrelia burgdorferi* or its remnants ex vivo. *Frontiers in immunology*, 15, 1327416.

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*.