Resource Summary Report

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Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility

RRID:SCR_024613
Type: Tool

Proper Citation

Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility (RRID:SCR_024613)

Resource Information

URL: https://tnprc.tulane.edu/confocal-microscopy-and-molecular-pathology-core

Proper Citation: Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility (RRID:SCR_024613)

Description: Core provides research support and training with molecular pathology skills, confocal microscopy, image analysis, and multicolor immunohistochemistry and in-situ hybridization techniques for internal and affiliate scientists. Services include assistance with experimental design, antibody selection, molecular probe selection, fixation and staining protocols, operating fluorescent and confocal microscopes, acquiring and storing imaging data, interpretation of results, and generation of publication-quality images. Image analysis services include assistance with capturing images for evaluation and with use of various image analysis software.

Abbreviations: CMMPC

Synonyms: , TNBRC Confocal Microscopy and Molecular Pathology Core, Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core

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

Keywords: ABRF, molecular pathology skills, confocal microscopy, image analysis, multicolor immunohistochemistry, in-situ hybridization techniques,

Availability: Restricted

Resource Name: Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility

Resource ID: SCR_024613

Alternate IDs: ABRF_2527

Alternate URLs: https://coremarketplace.org/?FacilityID=2527&citation=1

Record Creation Time: 20231024T002344+0000

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Ratings and Alerts

No rating or validation information has been found for Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility.

No alerts have been found for Tulane University TNBRC Confocal Microscopy and Molecular Pathology Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Chen Y, et al. (2026) Persistent activation of monocytes/macrophages and cell senescence in SIV-infected macaques on ART. Frontiers in immunology, 17, 1788994.

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??t axis and mucosal immune homeostasis in ART-treated SIV infection. JCI insight, 11(10).

Currey J, et al. (2026) Characterization of subchronic lung and brain consequences caused by mouse-adapted SARS-CoV-2 and influenza A infection of C57BL6 mice. Frontiers in immunology, 17, 1755141.

Evangelista JF, et al. (2026) TLR7 signaling aggravates lung inflammation associated with increased anti-Scl-70 autoantibody production in murine bleomycin-induced systemic sclerosis. Frontiers in immunology, 17, 1823229.

Chen Y, et al. (2026) Rapid Podocyte ablation Causes Acute Renal Tubule Cell Necrosis and Interstitial Fibrosis. bioRxiv : the preprint server for biology.

Horn MD, et al. (2025) Combination antiretroviral therapy prevents SIV-induced aging in the hippocampus and neurodegeneration throughout the brain. Journal of neurovirology, 31(6), 485.

Wallis ZK, et al. (2025) Resolving inflammation: The impact of antiretroviral therapy on macrophage traffic in and out of the CNS. PLoS pathogens, 21(12), e1013180.

Chen Y, et al. (2025) Persistent Activation of Monocytes/Macrophages and Cell Senescence in SIV-Infected Macaques on ART. bioRxiv : the preprint server for biology.

Fredericks MN, et al. (2025) SIV/SARS-CoV-2 coinfection in rhesus macaques impacts viral shedding, host immunity, the microbiome, and viral evolution. Frontiers in immunology, 16, 1587688.

Xu E, et al. (2025) Spontaneous Atypical Meningioma in a Pregnant Rhesus Macaque (Macaca mulatta). Journal of medical primatology, 54(6), e70049.

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).

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

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

Fredericks MN, et al. (2025) SIV/SARS-CoV-2 co-infection in rhesus macaques impacts viral shedding, host immunity, the microbiome, and viral evolution. Research square.

Wallis ZK, et al. (2025) Resolving Inflammation: The Impact of Antiretroviral Therapy on Macrophage Traffic In and Out of the CNS. bioRxiv : the preprint server for biology.

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.

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.

Saied AA, et al. (2025) Spontaneous Hemangiosarcoma of Bone with Hepatic and Pulmonary Metastasis in a Rhesus Macaque (Macaca mulatta): A Case Report. Journal of the American Association for Laboratory Animal Science : JAALAS, 64(6), 1.

Ellsworth CR, et al. (2024) Natural Killer Cells Do Not Attenuate a Mouse-Adapted SARS-CoV-2-Induced Disease in Rag2-/- Mice. Viruses, 16(4).