Resource Summary Report

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New York University School of Medicine Langone Health Experimental Pathology Research Laboratory Core Facility

RRID:SCR_017928
Type: Tool

Proper Citation

New York University School of Medicine Langone Health Experimental Pathology Research Laboratory Core Facility (RRID:SCR_017928)

Resource Information

URL:
https://nyumc.ilab.agilent.com/service_center/show_external/4296?name=experimental-pathology-research-laboratory

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Description: Core provides services, access to instruments, and training to facilitate production of animal tissue samples for morphological and molecular analyses. Supports multiplex immunofluorescence staining, RNA in situ hybridization (ISH), and imaging analysis. Services include tissue preparation, processing, and sectioning, as well as histochemistry and immunohistochemistry of fresh, frozen, and fixed animal tissues, can optimize and validate commercial or proprietary antibodies for chromogenic or fluorescence-based immunohistochemistry including seven-color multiplexing.Provides access to database listing antibodies that have been tested in lab to date and are currently in stock.Offers basic imaging resources and digital whole-slide scanning of stained tissue sections, which allows researchers to view their slides online at their convenience.Researchers can also rent our self-service instruments. These include embedding station, microtome, cryostat, and vibratome. Provides access to brightfield and fluorescence upright and dissecting microscopes,laser capture microdissection scope, and high-throughput multispectral imaging system.To reserve time on instrument, faculty, staff, and investigators must be registered in iLab.

Synonyms: NYU Langon Experimental Pathology Research Laboratory, New York University School of Medicine Langone Health Experimental Pathology Research Laboratory

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

Keywords: Experimental, pathology, animal, tissue, production, instrument, morphological, molecular, analysis, immunofluorescence, staining, RNA, in situ, hybridization, imaging, analysis, sectioning, tissue, histochemistry, immunochemistry, antibody, listing, imaging, service, core, ABRF, USEDit

Funding: NIH Office of the Director S10 OD021747

Availability: Open

Resource Name: New York University School of Medicine Langone Health Experimental Pathology Research Laboratory Core Facility

Resource ID: SCR_017928

Alternate IDs: ABRF_823

Alternate URLs: https://coremarketplace.org/?FacilityID=823&citation=1

Old URLs: https://med.nyu.edu/research/scientific-cores-shared-resources/experimental-pathology-research-laboratory

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260729T044447+0000

Ratings and Alerts

No rating or validation information has been found for New York University School of Medicine Langone Health Experimental Pathology Research Laboratory Core Facility.

No alerts have been found for New York University School of Medicine Langone Health Experimental Pathology Research Laboratory Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Fu L, et al. (2026) Specialized Dendritic Cells Mediating Peripheral Tolerance to Intestinal Antigens. Immunological reviews, 337(1), e70082.

Bartlett S, et al. (2026) IFN??-Driven Inflammatory Responses in the Nasal Mucosa Drive Influenza Virus Shedding and Transmission. bioRxiv : the preprint server for biology.

Subhan BS, et al. (2026) Duo-nano exosome encapsulating hydrogel boosts wound healing across xenogenic and allogenic models. Biomaterials, 329, 123975.

Ulrich RJ, et al. (2025) Prophage-encoded methyltransferase drives adaptation of community-acquired methicillin-resistant Staphylococcus aureus. The Journal of clinical investigation, 135(18).

Pucella JN, et al. (2025) Tonic type I interferon signaling optimizes the antiviral function of plasmacytoid dendritic cells. Nature immunology, 26(11), 1946.

Barger LN, et al. (2025) Population analysis and immunologic landscape of melanoma in people living with HIV. bioRxiv : the preprint server for biology.

White RA, et al. (2025) A phase 0, window of opportunity study of parasympathetic stimulation with bethanechol in localized pancreatic adenocarcinoma prior to surgery. The oncologist, 30(6).

Fu L, et al. (2025) PRDM16-dependent antigen-presenting cells induce tolerance to gut antigens. Nature, 642(8068), 756.

Wu K, et al. (2025) Targeting FSP1 triggers ferroptosis in lung cancer. bioRxiv : the preprint server for biology.

Mulpuri Y, et al. (2025) TRPV4 activation in Schwann cells mediates mechanically induced pain of oral cancer. Frontiers in pain research (Lausanne, Switzerland), 6, 1532885.

Koduri MA, et al. (2025) Oxidative-stress related increase in keratoconus tear MDA and GPX3 while NRF2-antioxidant functions decrease in stromal cells. bioRxiv : the preprint server for biology.

Maiti G, et al. (2025) Paracrine regulations of IFN-?? secreting CD4+ T cells by lumican and biglycan are protective in allergic contact dermatitis. Matrix biology : journal of the International Society for Matrix Biology, 140, 27.

Bhansali D, et al. (2025) PAR2 on oral cancer cells and nociceptors contributes to oral cancer pain that can be relieved by nanoparticle-encapsulated AZ3451. Biomaterials, 314, 122874.

Shi G, et al. (2025) Coenzyme Q headgroup intermediates can ameliorate a mitochondrial encephalopathy. Nature, 645(8080), 466.

Wang L, et al. (2025) CLNS1A regulates genome stability and cell cycle progression to control CD4 T cell function and autoimmunity. Science immunology, 10(108), eadq8860.

Bertoli G, et al. (2025) Cardiomyocyte-specific plakophilin-2 loss is sufficient to induce aging and senescence of nonmyocytes. Relevance to arrhythmogenic cardiomyopathy. bioRxiv : the preprint server for biology.

Tan J, et al. (2025) Characterization of tumour heterogeneity through segmentation-free representation learning on multiplexed imaging data. Nature biomedical engineering, 9(3), 405.

Subhan BS, et al. (2025) Duo-nano exosome encapsulating hydrogel boosts wound healing across xenogenic and allogenic models. Biomaterials, 329, 123953.

Ortigoza MB, et al. (2024) Inhibiting influenza virus transmission using a broadly acting neuraminidase that targets host sialic acids in the upper respiratory tract. mBio, 15(2), e0220323.

Duarte Afonso Serdan T, et al. (2024) Slit3 Fragments Orchestrate Neurovascular Expansion and Thermogenesis in Brown Adipose Tissue. bioRxiv : the preprint server for biology.