

# 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](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, core facility, service resource

**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:** 20260821T194135+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Bernard-Raichon L, et al. (2026) Type I and III interferons synergize with TNF to promote virally-triggered damage to the intestinal epithelium. bioRxiv : the preprint server for biology.

Koduri MA, et al. (2026) Oxidative Stress in Keratoconus Is Evident in Tear Fluid and Stromal Cells and Alleviated in Cell Culture by Sulforaphane. Investigative ophthalmology & visual science, 67(5), 1.

Wang S, et al. (2026) Purinergic signaling promotes gliomagenesis through nuclear calcium transients. *bioRxiv : the preprint server for biology*.

Nakamura R, et al. (2026) YAP/TAZ inhibition refines TGF- $\beta$  signaling to prevent laryngeal fibrosis. *bioRxiv : the preprint server for biology*.

Barger LN, et al. (2026) Population Analysis and Immunologic Landscape of Melanoma in People Living with HIV. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(5), 981.

Wu K, et al. (2026) Targeting FSP1 triggers ferroptosis in lung cancer. *Nature*, 649(8096), 487.

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

Bertoli G, et al. (2026) Cardiomyocyte-Specific Plakophilin-2 Loss Is Sufficient to Induce Aging and Senescence of Nonmyocytes: Relevance to Arrhythmogenic Cardiomyopathy. *Journal of the American Heart Association*, 15(9), e047447.

Gaunt JR, et al. (2026) Distribution and Levels of Insulin-like Growth Factor 2 Receptor Across Mouse Brain Cell Types. *Receptors (Basel, Switzerland)*, 5(1).

Serdan TDA, et al. (2026) SLIT3 fragments orchestrate neurovascular expansion and thermogenesis in brown adipose tissue. *Nature communications*, 17(1).

Bossowski JP, et al. (2026) The integrated stress response promotes immune evasion through lipocalin 2. *Nature*, 652(8112), 1329.

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

Wang X, et al. (2026) Systemic Cysteine Elevation Sustains T-Cell Activation to Potentiate PD-1 Blockade. *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.

Paraskevopoulou V, et al. (2026) Inflammatory immune modulators of AML lung infiltration and respiratory failure. *Nature immunology*, 27(8), 1590.

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

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

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

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

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).