# Resource Summary Report

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## Dartmouth Hitchcock Medical Center Geisel School of Medicine Pathology Shared Resource Core Facility

RRID:SCR_023479
Type: Tool

### Proper Citation

Dartmouth Hitchcock Medical Center Geisel School of Medicine Pathology Shared Resource Core Facility (RRID:SCR_023479)

### Resource Information

**URL:** https://cancer.dartmouth.edu/scientists-researchers/pathology-shared-resource

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**Description:** Facilitates project planning, clinical validation and implementation of novel translational technology and research in fields of molecular diagnostics, molecular therapeutics, pharmacogenomics, quantitative morphologic image analysis and immunohistochemistry in CLIA-certified, CAP-accredited laboratory ensuring optimal clinical quality assurance.

**Synonyms:** DH Pathology Shared Resource, Geisel School of Medicine at Dartmouth DH Pathology Shared Resource

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

**Keywords:** USEDit, ABRF, project planning, clinical validation and implementation of novel translational technology, molecular diagnostics, molecular therapeutics, pharmacogenomics, quantitative morphologic image analysis, immunohistochemistry

**Resource Name:** Dartmouth Hitchcock Medical Center Geisel School of Medicine Pathology Shared Resource Core Facility

**Resource ID:** SCR_023479

**Alternate IDs:** ABRF_1731

**Alternate URLs:** https://coremarketplace.org/?FacilityID=1731&citation=1

**Record Creation Time:** 20230419T050215+0000

**Record Last Update:** 20260808T190709+0000

## Ratings and Alerts

No rating or validation information has been found for Dartmouth Hitchcock Medical Center Geisel School of Medicine Pathology Shared Resource Core Facility.

No alerts have been found for Dartmouth Hitchcock Medical Center Geisel School of Medicine Pathology Shared Resource 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 ASWG .

Rapp AW, et al. (2026) Trans-Kingdom dsRNA Sensing: Aspergillus fumigatus Mycovirus Activates MDA5/MAVS Immunity and Limits Allergic Bronchopulmonary Aspergillosis. bioRxiv : the preprint server for biology.

Graber DJ, et al. (2026) 5xFAD-NSG mice: a preclinical Alzheimer model for human cell therapy studies. bioRxiv : the preprint server for biology.

Ghosh S, et al. (2026) Chemokine-defined macrophage niches establish spatial organization of tumor immunity. Nature immunology, 27(4), 715.

Li X, et al. (2026) Molecular and spatial specialization of lung interstitial macrophage subsets: beyond chemokines. Frontiers in immunology, 17, 1824159.

Li X, et al. (2026) A programmable bioresorbable electrochemical microneedle sensor array for perioperative monitoring of organ health. Nature biomedical engineering.

Rao VR, et al. (2026) X-SPATIO: An Explanatory Deep Learning Pipeline for the Prediction and Visualization of Spatially Resolved Biomarker Expression in Triple-Negative Breast Cancer. bioRxiv : the preprint server for biology.

Dileep A, et al. (2026) GRHL-rearranged sebaceoma: expanding the clinical and morphologic spectrum. Human pathology, 170, 106058.

Cloutier JM, et al. (2026) Identification of NTRK3 fusions in plaque-like CD34-positive dermal fibroma. Histopathology, 88(7), 1443.

Dashti NK, et al. (2026) Spindle Cell Rhabdomyosarcoma of Oral Cavity With TCF12::VGLL3 Fusion, Expanding on a Recently Described Entity With Digital Spatial

Profiling and Long-Term Follow Up. Genes, chromosomes & cancer, 65(4), e70126.

Rao VR, et al. (2026) Interpreting and Validating a Deep Learning Model Predictive of Spatial Morphologic-Molecular Patterns in Lung Adenocarcinoma, Using Ground Truth Immunohistochemistry Images. bioRxiv : the preprint server for biology.

Ma W, et al. (2026) Lung adenocarcinoma with malignant serous effusions: A comprehensive clinicopathologic, molecular, and outcome analysis. Cancer cytopathology, 134(6), e70108.

Gordon LM, et al. (2026) A novel adomavirus from proliferative skin lesions of a broadnose sevengill shark (Notorynchus cepedianus). Npj viruses.

Crossland GE, et al. (2026) Mucosal-associated invariant T cells support IL-15-dependent Treg response in skin injury and promote resolution of skin inflammation. bioRxiv : the preprint server for biology.

Johnson Thomas AL, et al. (2026) Pharmacological chromatin remodeling enhances response to estrogen therapy in ER+ breast cancer. Molecular oncology.

Johnson AL, et al. (2025) Combined Radiation and Endocrine Therapies Elicit Benefit in ER+ Breast Cancer. Cancers, 17(12).

Jakubzick C, et al. (2025) The Dichotomy of Tumor Control by Recruited and Resident Tumor-Associated Macrophages. Research square.

Robins SM, et al. (2025) Solitary fibrous tumor in the pineal region: A series of 5 cases and literature review. Journal of neuropathology and experimental neurology, 84(5), 379.

Tau S, et al. (2025) Oxidative Phosphorylation Is a Metabolic Vulnerability of Endocrine Therapy-Tolerant Persister Cells in ER+ Breast Cancer. Cancer research, 85(6), 1145.

Costa FD, et al. (2025) Pineal region high-grade neuroepithelial tumors with NTRK fusions map to the novel methylation class "diffuse high-grade glioma, IDH-wild type, subtype E". Acta neuropathologica, 150(1), 26.

Tau S, et al. (2025) Endocrine therapy induces oxidative stress in ER+ breast cancer that sensitizes persister cells to ferroptosis. bioRxiv : the preprint server for biology.