# Resource Summary Report

Generated by NIF on Aug 19, 2026

## CHOP Pathology Core Laboratories

RRID:SCR_009729
Type: Tool

### Proper Citation

CHOP Pathology Core Laboratories (RRID:SCR_009729)

### Resource Information

**URL:** http://eagle-i.itmat.upenn.edu/i/0000013b-9b4b-434b-83a0-df0880000000

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**Description:** Core facility that provides the following services: Tissue microarray construction service, Unstained slides preparation service, H&E staining (on unstained slide) service, Special stain (from slide) service, TUNEL labeling service, IHC stain from slide service, In situ hybridization RNAscope service, New antibody workup service, Decalcification service, Laser capture service, Histopathology-related techniques training, Histopathology technical consultation service, Basic imaging workstation access, Laser capture microdissection microscope access. The Pathology Core Laboratory at the Children''s Hospital of Philadelphia Research Institute provides basic histopathology, research immunohistochemistry, tissue microarray, and laser capture microdissection services to researchers at Children''s Hospital and within the surrounding academic community. We are located on the 7th Floor of the Leonard and Madlyn Abramson Pediatric Research Center in room 706. The Pathology Core Laboratory unites three core components in a single core facility: histopathology, tissue microarray and laser capture microdissection. The core offers a full range of histopathology services including tissue processing, embedding, and cutting, for both paraffin and frozen tissue. We also perform most standard stains as well as immunohistochemistry, antibody workup, fluorescence, in situ hybridization and TUNEL. Tissue microarrays can be constructed using a Beacher Arrayer. Sophisticated imaging instrumentation is available for virtual microscopy (ScanScope from Aperio) and image analysis (Image ProPlus, Volocity). Specialized software is available to image and analyze tissue microarrays, and to manage and store array data.

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

**Keywords:** tissue microarray assay, tissue sectioning, hematoxylin and eosin stain, staining, tunel labeling, in situ hybridization, immunohistochemistry assay, histological sample preparation, laser capture microdissection, light microscopy, histology, fluorescent microscopy

**Resource Name:** CHOP Pathology Core Laboratories

**Resource ID:** SCR_009729

**Alternate IDs:** nlx_156191

**Alternate URLs:** http://www.research.chop.edu/cores/pathcore/

**Record Creation Time:** 20220129T080254+0000

**Record Last Update:** 20260819T044252+0000

## Ratings and Alerts

No rating or validation information has been found for CHOP Pathology Core Laboratories.

No alerts have been found for CHOP Pathology Core Laboratories.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Dubensky SB, et al. (2025) Multimodal analysis defines GNG4 as a distinguishing feature of germinal center-positioned CD4 T follicular helper cells in humans. bioRxiv : the preprint server for biology.

Huo J, et al. (2025) Sennoside A Modulates the Ferroptosis and Immune Evasion of Oral Squamous Cell Carcinoma Cells Through Inhibiting the NF-??B Pathway. Integrative cancer therapies, 24, 15347354251375464.