

Resource Summary Report

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Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling Core Facility

RRID:SCR_026402

Type: Tool

Proper Citation

Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling Core Facility (RRID:SCR_026402)

Resource Information

URL: <https://www.chop.edu/centers-programs/gastrointestinal-epithelium-modeling-gem-program>

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Description: Core is component of the GEM Program collaborative research effort focused on accelerating discovery and innovation using patient tissue-derived organoids. GEM Core staff generate and maintain living biobank of tissue-derived organoids with matched original tissue and blood specimens and provide access to specialized training, protocols, and reagents.

Abbreviations: GEM

Synonyms: , Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling (GEM) Core, CHOP Gastrointestinal Epithelium Modeling (GEM) Core

Resource Type: access service resource, biobank, core facility, material storage repository, service resource, storage service resource

Keywords: ABRF, patient tissue-derived organoids, living biobank of tissue-derived organoids, matched original tissue and blood specimens,

Resource Name: Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling Core Facility

Resource ID: SCR_026402

Alternate IDs: ABRF_3032

Alternate URLs: <https://coremarketplace.org/?FacilityID=3032&citation=1>

Record Creation Time: 20250208T060343+0000

Record Last Update: 20260912T200503+0000

Ratings and Alerts

No rating or validation information has been found for Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling Core Facility.

No alerts have been found for Children's Hospital of Philadelphia Research Institute CHOP Gastrointestinal Epithelium Modeling Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Jackson JL, et al. (2026) Interleukin-13 Promotes Accumulation of Esophageal Epithelial Mitochondria With Translational Implications for Eosinophilic Esophagitis. Cellular and molecular gastroenterology and hepatology, 20(8), 101782.

Teranishi R, et al. (2026) Prostaglandin E2 Reverses Myofibroblast Differentiation in Eosinophilic Esophagitis. bioRxiv : the preprint server for biology.

Ma X, et al. (2026) TNFSF13 insufficiency disrupts human colonic epithelial cell growth and associated B cell dynamics. The Journal of clinical investigation, 136(7).

Buckley KH, et al. (2026) Gastric Epithelium from BRCA1 and BRCA2 Carriers Harbors Increased Double-Stranded DNA Damage and Enhanced Growth Potential. Molecular cancer research : MCR, 24(7), 589.

VanDussen KL, et al. (2026) Guiding Principles: Reporting Elements for Gastrointestinal Organoid Research. Cellular and molecular gastroenterology and hepatology, 20(7), 101772.

Sasaki M, et al. (2025) FOXM1 Modulation Alleviates Epithelial Remodeling and Inflammation in Eosinophilic Esophagitis. bioRxiv : the preprint server for biology.

Karakasheva TA, et al. (2025) An Epigenetic Basis for Sustained Inflammatory Epithelial Progenitor Cell States in Crohn's Disease. Cellular and molecular gastroenterology and hepatology, 20(3), 101665.

Buckley KH, et al. (2025) Gastric epithelium from BRCA1 and BRCA2 carriers harbors increased double-stranded DNA damage and augmented growth. *bioRxiv : the preprint server for biology*.