

# Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

## University of North Carolina at Chapel Hill Biospecimen Processing Core Facility

RRID:SCR\_021290

Type: Tool

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### Proper Citation

University of North Carolina at Chapel Hill Biospecimen Processing Core Facility  
(RRID:SCR\_021290)

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### Resource Information

**URL:** <https://bsp.web.unc.edu/>

**Proper Citation:** University of North Carolina at Chapel Hill Biospecimen Processing Core Facility (RRID:SCR\_021290)

**Description:** Centralized, quality controlled facility and biorepository for processing, storage and disbursement of human specimens. Offers high throughput processing of human biospecimens, with specific emphasis on DNA and RNA isolation and purification. Provides laboratory support for investigator initiated large scale clinical, epidemiologic, and other studies. Functions as human specimen biorepository resource for clinicians who wish to store and study samples from unusual or potentially important patients. Biorepository is managed by custom LIMS, with sample accessioning, tracking and audits at each step. Provides scientific resource for investigators seeking advice or consultation on study design including specimen collection and storage methods, and human subject issues. Core staff act as liaison to other UNC core facilities and outside collaborators.

**Abbreviations:** BSP, UNC BSP

**Synonyms:** UNC Biospecimen Processing Facility

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

**Keywords:** USEDit, ABRF

**Availability:** open

**Resource Name:** University of North Carolina at Chapel Hill Biospecimen Processing Core Facility

**Resource ID:** SCR\_021290

**Alternate IDs:** ABRF\_1186

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=1186>

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260731T043055+0000

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## Ratings and Alerts

No rating or validation information has been found for University of North Carolina at Chapel Hill Biospecimen Processing Core Facility.

No alerts have been found for University of North Carolina at Chapel Hill Biospecimen Processing Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Orchard P, et al. (2025) Cross-cohort analysis of expression and splicing quantitative trait loci in TOPMed. medRxiv : the preprint server for health sciences.

Guzman DE, et al. (2025) Proteomic discovery analysis of quantitatively assessed emphysema in the general population. The MESA Lung Study. Respiratory research, 26(1), 236.

Suri R, et al. (2025) Reply to Currow et al.: Geographic Variation in Prevalence of Breathlessness: Latitude. American journal of respiratory and critical care medicine, 211(6), 1093.

Wilson AC, et al. (2025) Novel risk loci encompassing genes influencing STAT3, GPCR, and oxidative stress signaling are associated with co-morbid GERD and COPD. PLoS genetics, 21(2), e1011531.

Walker AE, et al. (2025) Prognostic Significance of CD8 T-cell Spatial Biomarkers in ER+ and ER- Breast Cancer. medRxiv : the preprint server for health sciences.

Tejwani V, et al. (2025) Associations of serum and bronchoalveolar immunoglobulins with lung microbiota diversity, B-cell memory phenotypes, and COPD morbidity and exacerbations. Respiratory research, 26(1), 250.

Broadaway KA, et al. (2025) Genomic loci and molecular genetic mechanisms for hidradenitis suppurativa. The British journal of dermatology, 193(5), 948.

Kebede MA, et al. (2025) Physical Activity Patterns According to Demographic, Social, and Clinical Correlates Among Breast Cancer Survivors. *Cancer medicine*, 14(10), e70884.

Buschur KL, et al. (2025) Hair follicle gene expression profiling in the SubPopulations and InteRmediate Outcome Measures in COPD Study (SPIROMICS). *BMC medical genomics*, 18(1), 192.

Cao S, et al. (2025) Epigenomic study of the lower airway reveals COPD-associated methylation patterns and potential microbiota links. *BMJ open respiratory research*, 12(1).

Dunn MR, et al. (2025) Tumor biology and access to care and metastatic breast cancer outcomes. *Breast cancer research and treatment*, 215(2), 46.

Niu H, et al. (2025) Spatial Clustering for Carolina Breast Cancer Study. *Pacific Symposium on Biocomputing*. *Pacific Symposium on Biocomputing*, 30, 346.

Lang JD, et al. (2025) Super-enhancers and efficacy of triptolide in small cell carcinoma of the ovary hypercalcemic type. *iScience*, 28(2), 111770.

Konigsberg IR, et al. (2025) Omic Risk Scores are Associated with COPD-related Traits Across Three Cohorts. *medRxiv : the preprint server for health sciences*.

Zhang YH, et al. (2025) Proteomic biomarkers of emphysema-predominant and non-emphysema-predominant chronic obstructive pulmonary disease. *EBioMedicine*, 117, 105800.

Walker AE, et al. (2025) Prognostic significance of CD8+ T cell Spatial Biomarkers in ER+ and ER- breast cancer: A retrospective cohort study. *PLoS medicine*, 22(10), e1004647.

Konigsberg IR, et al. (2024) Proteomic networks and related genetic variants associated with smoking and chronic obstructive pulmonary disease. *BMC genomics*, 25(1), 825.

Ellis ET, et al. (2024) Cigarette smoking and prostate cancer aggressiveness among African and European American men. *Cancer causes & control : CCC*, 35(9), 1259.

Guo CJ, et al. (2024) Metabolic Aging as an Increased Risk for Chronic Obstructive Pulmonary Disease. *Metabolites*, 14(12).

Konigsberg IR, et al. (2024) Proteomic Networks and Related Genetic Variants Associated with Smoking and Chronic Obstructive Pulmonary Disease. *medRxiv : the preprint server for health sciences*.