Resource Summary Report

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University of North Carolina at Chapel Hill Biospecimen Processing Core Facility

RRID:SCR_021290 Type: Tool

Proper Citation

University of North Carolina at Chapel Hill Biospecimen Processing Core Facility (RRID:SCR_021290)

Resource Information

URL: https://bsp.web.unc.edu/

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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

Funding:

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: 20250508T065938+0000

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.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

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

Chaudhary MFA, et al. (2024) Deep Learning Estimation of Small Airways Disease from Inspiratory Chest CT is Associated with FEV1 Decline in COPD. medRxiv : the preprint server for health sciences.

Ruvuna L, et al. (2024) Dynamic and prognostic proteomic associations with FEV1 decline in chronic obstructive pulmonary disease. medRxiv : the preprint server for health sciences.

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.

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

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

Hurson AN, et al. (2023) Reproducibility and intratumoral heterogeneity of the PAM50 breast cancer assay. Breast cancer research and treatment, 199(1), 147.

Hill AC, et al. (2023) Large scale proteomic studies create novel privacy considerations. Scientific reports, 13(1), 9254.

Wang JM, et al. (2023) Machine learning for screening of at-risk, mild and moderate COPD patients at risk of FEV1 decline: results from COPDGene and SPIROMICS. Frontiers in physiology, 14, 1144192.

Van Buren E, et al. (2023) Genetic regulators of sputum mucin concentration and their associations with COPD phenotypes. PLoS genetics, 19(6), e1010445.

Althof ZW, et al. (2023) Attention U-net for automated pulmonary fissure integrity analysis in lung computed tomography images. Scientific reports, 13(1), 14135.

Shi Y, et al. (2023) Predicting early breast cancer recurrence from histopathological images in the Carolina Breast Cancer Study. NPJ breast cancer, 9(1), 92.

Jinna ND, et al. (2023) Molecular features of androgen-receptor low, estrogen receptornegative breast cancers in the Carolina breast cancer study. Breast cancer research and treatment, 201(2), 171.

Walens A, et al. (2022) RNA-Based Classification of Homologous Recombination Deficiency in Racially Diverse Patients with Breast Cancer. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 31(12), 2136.

Pan Y, et al. (2022) Robust Measures of Image-Registration-Derived Lung Biomechanics in SPIROMICS. Journal of imaging, 8(11).

Lakshman Kumar P, et al. (2021) Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. Journal of cachexia, sarcopenia and muscle, 12(6), 1803.