

Resource Summary Report

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University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource Core Facility

RRID:SCR_022889

Type: Tool

Proper Citation

University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource Core Facility (RRID:SCR_022889)

Resource Information

URL: <http://www.sylvester.org/BSSR>

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Description: Provides biorepository resources, services and expertise in support of oncology research. Facilitates translational cancer research with standard operating procedures for patient consenting; protection of patient personal and clinical data; specimen procurement and processing; quality control of specimens; secured specimen storage, retrieval, and distribution; and provision of relevant de-identified clinical data. BSSR services include: biospecimen collection, annotation, processing, storage and distribution (including tissue, blood, and other fluids); plasma, serum, and peripheral blood mononuclear cell processing and cryopreservation; rapid acquisition of surgical tissue and fresh biopsies; participant screening and enrollment for biospecimen collection studies; formalin-fixed, paraffin embedded and frozen tissue retrieval, processing, sectioning, histological staining, and digital whole slide scanning; tissue microarrays production; support for non-therapeutic trials; consultation on project design, data analysis and interpretation. Offers access to biobank of diverse tissue types, including clinically annotated neoplastic and non-neoplastic samples from diverse anatomical sites, and provides banked specimen as well as fresh specimen procurement at institution wide level. Through BSSR, investigators have access to specimens collected from University of Miami Hospital, Sylvester Comprehensive Cancer Center, Bascom Palmer Eye Institute, Jackson Memorial Hospital, as well as to specimens collected in more broadly based multi-site studies.

Abbreviations: BSSR

Synonyms: Sylvester Biospecimen Shared Resource, University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource

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

Keywords: USEdit, ABRF, biorepository, oncology research,

Resource Name: University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource Core Facility

Resource ID: SCR_022889

Alternate IDs: ABRF_1591

Alternate URLs: <https://coremarketplace.org/?FacilityID=1591&citation=1>

Record Creation Time: 20221015T050158+0000

Record Last Update: 20260905T133430+0000

Ratings and Alerts

No rating or validation information has been found for University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource Core Facility.

No alerts have been found for University of Miami Sylvester Comprehensive Cancer Center Biospecimen Shared Resource Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Thangaretnam K, et al. (2026) WEE1 stabilizes MYC to promote therapeutic resistance in esophageal adenocarcinoma. Cancer letters, 646, 218418.

Kazandjian D, et al. (2026) MGUS prevalence among active-duty military personnel. Blood cancer journal, 16(1).

Bhat N, et al. (2026) Enhancing the antitumor efficacy using a combination of FGFR4 Inhibitor (H3B-6527) and oxaliplatin in gastric cancer. Neoplasia (New York, N.Y.), 71, 101257.

Park MA, et al. (2025) Race-based differences in serum biomarkers for cancer-associated cachexia in a diverse cohort of patients with pancreatic ductal adenocarcinoma. Communications medicine, 6(1), 19.

De Falco A, et al. (2025) Knowledge-informed multimodal cfDNA analysis improves sensitivity and generalization in cancer detection. *bioRxiv : the preprint server for biology*.

Permuth J, et al. (2025) Race-based differences in serum biomarkers for cancer-associated cachexia in a diverse cohort of patients with pancreatic ductal adenocarcinoma. *Research square*.

Davis EW, et al. (2025) The Impact of Edema on Skeletal Muscle Changes among Patients with Pancreatic Ductal Adenocarcinoma. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 34(9), 1609.

Leesang TE, et al. (2025) Retinoic acid and ascorbate synergize to suppress myeloid leukemia via TET2 activation. *Cell reports*, 44(10), 116379.

Merchan JR, et al. (2025) A phase 1B trial of vocimagene amiretrorepvec in patients with advanced solid tumors: Safety, tumor homing, and immune modulatory effects. *Molecular therapy : the journal of the American Society of Gene Therapy*.

Migliozzi S, et al. (2025) Restraint of cancer cell plasticity by spatial homotypic clustering. *Cancer cell*.

Kazandjian D, et al. (2024) Genomic Profiling to Contextualize the Results of Intervention for Smoldering Multiple Myeloma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(19), 4482.

Garikapati K, et al. (2024) Blocking LBH expression causes replication stress and sensitizes triple-negative breast cancer cells to ATR inhibitor treatment. *Oncogene*, 43(12), 851.