

Resource Summary Report

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Biospecimen Research Database

RRID:SCR_001944

Type: Tool

Proper Citation

Biospecimen Research Database (RRID:SCR_001944)

Resource Information

URL: <https://brd.cancer.gov/>

Proper Citation: Biospecimen Research Database (RRID:SCR_001944)

Description: Database to find literature, established protocols, and best practices for collecting, storing, and handling biological samples. Its main purpose is to help researchers improve the quality and reproducibility of biospecimen-based medical and genetic research. Provides a library of validated protocols that laboratories use to properly process human biospecimens (like blood or tissue) without degrading their molecular integrity. Offers procedural guidelines (BEBPs) backed by scientific literature to protect samples from pre-analytical variables (e.g., storage temperature, time-to-freezing). Catalogs thousands of peer-reviewed articles focused on biospecimen science.

Synonyms: NCI Biospecimen Research Database, Biospecimen Research Database (BRD)

Resource Type: data or information resource, database

Defining Citation: [PMID:25757745](#)

Keywords: NCI, biospecimen, biomarker, gene, standard operating procedure, sop, database

Funding: NCI

Availability: Free, Freely available

Resource Name: Biospecimen Research Database

Resource ID: SCR_001944

Alternate IDs: SciRes_000169

Alternate URLs: <https://dctd.cancer.gov/programs/cdp/organization/bbrb>

Old URLs: <https://brd.nci.nih.gov/brd/>

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260905T133115+0000

Ratings and Alerts

No rating or validation information has been found for Biospecimen Research Database.

No alerts have been found for Biospecimen Research Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Basso M, et al. (2024) International Society for Extracellular Vesicles Workshop. QuantitatEVs: multiscale analyses, from bulk to single extracellular vesicle. Journal of extracellular biology, 3(1).

Li J, et al. (2023) OOCDB: A Comprehensive, Systematic, and Real-time Organs-on-a-chip Database. Genomics, proteomics & bioinformatics, 21(2), 243.

Jin K, et al. (2023) DOK3 promotes proliferation and inhibits apoptosis of prostate cancer via the NF- κ B signaling pathway. Chinese medical journal, 136(4), 423.

Jin K, et al. (2022) A single-sample mRNA molecular classification of bladder cancer predicting prognosis and response to immunotherapy. Translational andrology and urology, 11(7), 943.

Rizner TL, et al. (2019) Paramount importance of sample quality in pre-clinical and clinical research-Need for standard operating procedures (SOPs). The Journal of steroid biochemistry and molecular biology, 186, 1.