Cancer Moonshot Biobank Releases Data for First 248 Participants

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News from NCI's Office of Data Sharing

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Announcements

[Request for Information on the National Institutes of Health Draft Public Access Policy](). The National Institutes of Health (NIH) is soliciting comments from the public on the NIH Draft Public Access Policy and two supplemental draft guidance documents regarding government use license and rights and costs for publications. The NIH Draft Public Access Policy builds upon NIH's long history of providing public access to scholarly publications resulting from the research it supports and proposes additional steps to accelerate access. Use the [Comment Form]() to **submit responses by August 19, 2024.**

The Cancer Research Data Commons (CRDC) marks its 10th Anniversary with a 2024 Fall Symposium, titled ***Ten Years of Empowering Cancer Researchers***. The one-and-a-half-day event on October 16th and 17th, 2024 is open to the public and available for in-person or online participation. The CRDC Fall Symposium will begin with a half-day afternoon collaboration session with the NCI Office of Data Sharing (ODS). That shared session will focus on how CRDC's data science infrastructure fits in the ODS data sharing lifecycle to support cancer research. Day two of the CRDC Fall Symposium will include sessions as [detailed on the Agenda.]()

[More information]() and [registration]().

Cancer Moonshot Biobank Releases Data for First 248 Participants

Data for the first 248 study participants in the [Cancer Moonshot Biobank (CMB)](#) are now available to the cancer research community at the National Center for Biotechnology Information's (NCBI's) [database of Genotypes and Phenotypes (dbGaP)](#).

Data sharing is a core component of the [Cancer Moonshot](#)^{SM}. The CMB team and NCBI have worked diligently to make this dataset available as soon as possible, while safeguarding participant privacy.

Cancer Moonshot Biobank

The National Cancer Institute developed the CMB to enable research that investigates how cancer responds to treatment and why some develop resistance after initial treatment. The CMB is collecting longitudinal biospecimens and data from a diverse cohort of patients who are receiving standard-of-care cancer treatment at community hospitals across the United States. The CMB provides clinical tumor profiling assays for participants and returns results to participants and their medical providers through a secure engagement website. Through multiple engagement approaches, the CMB is making a concerted effort to reach segments of the U.S. population that have been historically underrepresented in research.

CMB participants have locally advanced or metastatic colon, lung, prostate, gastroesophageal, ovarian, and breast cancers, melanoma, multiple myeloma and acute myeloid leukemia.

Data sharing and future releases

The dataset includes data relating to biospecimen collection and participant demographics, clinical diagnosis, and treatment. Also included are cancer tumor mutation variant calls and biomarker test reports from CLIA-certified genomic assays.

Associated histological and radiological images are available in the [Cancer Imaging Archive](#). The [Imaging Data Commons](#) also now hosts the CMB radiological images.

This data will soon be available in the first release of the Clinical and Translational Data Commons (CTDC), expected to go live in Summer 2024. The team plans to release updated datasets to dbGaP and CTDC every three months to ensure researchers have timely access to these important data.

Resource

[How to Request and Access Datasets from dbGaP](#): Learn more about the qualifications for requesting controlled-access datasets and how to obtain access.

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