



## BIOSPECIMEN SHARED RESOURCE

The Biospecimen Shared Resource (BSR) plays a vital role at The University of Kansas Cancer Center by its ethical collection, storage, annotation and distribution of high-quality biospecimens, which are essential to support translational research and investigator-initiated studies. The BSR has over 54,000 participants and has collected over 52,000 blood and tissue specimens. All specimens are linked to comprehensive clinical databases supported by the Biostatistics and Informatics Shared Resource.

## WHY IS THIS IMPORTANT TO YOUR RESEARCH?

The BSR team works with investigators to hone their research concepts and identify biospecimen and data sources to support research needs. The BSR provides researchers access to high-quality biospecimens that adhere to NCI best practices. Available biospecimens are typically defined by demographic and clinical characteristics such as age, gender, race and environmental factors, as well as tumor type, clinical stage/grade, etc.

## SERVICES

The BSR has five major services:

1. Provide centralized and uniform collection, processing and storage (using standard operating procedures) of tissue and fluids.
2. Support investigator-initiated clinical studies.
3. Provide expert histology services and pathological evaluations of tissue samples.
4. Develop a de-identified database of clinical information relevant to the samples. The BSR will continue to obtain supporting data from the clinical record of each participant to better annotate samples and support clinical research.
5. Provide biospecimens to KU Cancer Center members and researchers around the world to study cancer at the molecular and cellular levels to generate essential knowledge to guide the implementation of precision medicine.

Personal and clinical information comes from health history questionnaires provided at the time the specimen is donated as well as medical records (with patient consent).

## LOCATIONS

The University of Kansas Medical Center campus, Lied building, B021 - main laboratory

## LEARN MORE

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Was your research supported by KU Cancer Center's NCI Cancer Center Support Grant? If so, please use the following statement in all of your published materials: *Research reported in this publication was supported by the National Cancer Institute Cancer Center Support Grant P30 CA168524 and used the [name of the CCSG Shared Resource(s), if applicable].*