

## HUMAN BIOLOGIC SPECIMEN RESOURCES for Cancer Research

### **Southwest Oncology Group**

<http://www.swog.org/Visitors/TranslationalMed.asp>

SWOG, an NCI Cooperative Group, recognizes the importance of translational medicine projects with the aims of better understanding patients' prognoses, predicting response to specific therapies, and better understanding of basic sciences.

The specimens available from Southwest Oncology Group specimen banks are a limited and unique resource. In order to encourage, optimize, and prioritize the use of this resource for translational medicine research proposals that have preliminary data and primary aim relates to the objective of the original clinical study. SWOG invites applications for its use through the process outlined on [its website](#).

### **SWOG Prostate Cancer Prevention Trial prostate specimens**

<http://www.swog.org/Visitors/PCPT.asp#BRUG>

The Prostate Cancer Prevention Trial (PCPT) was a Southwest Oncology Group-coordinated study designed to test whether the drug finasteride (Proscar®) would prevent prostate cancer in men ages 55 and older. This study was closed on June 24, 2003 because the study objective had been reached, however, a follow up study is ongoing. Translational medicine research proposals may be submitted.

Also see Biospecimens collected within the Prostate Cancer SPORE:

[http://cancercenter.mayo.edu/mayo/research/prostate\\_program/prostate\\_spore\\_resources.cfm#core2](http://cancercenter.mayo.edu/mayo/research/prostate_program/prostate_spore_resources.cfm#core2)

### **The NCI Specimen Resource Locator**

[http://pluto3.nci.nih.gov/tissue/search1/search\\_normal.cfm](http://pluto3.nci.nih.gov/tissue/search1/search_normal.cfm)

This NCI database helps researchers locate specimens for research. The database includes resources such as online searching and links to many resources, guidelines and tissue banks. The Tissue Expeditor is also available for specific consultation.

### **NCI Tissue Array Research Program (TARP)**

<http://ccr.cancer.gov/tech%5Finitiatives/tarp/default.asp>

The TARP focus is on development and distribution of multitumor tissue microarray slides, such as Tissue MicroArray (TMA) glass slides including tumors of breast, prostate, colon, lung, brain, and ovaries; melanoma, lymphoma, and normal tissue. and related technologies to cancer research investigators.

This may be used for high-throughput screening of multiple tumor tissues using immunohistochemical, in situ hybridization, and fluorescent in situ hybridization (FISH) analyses.

***NCI - Cooperative Human Tissue Network (CHTN) and other useful links***

<http://biospecimens.cancer.gov/biospecimen/resources/>

<http://chtn.nci.nih.gov/>

[http://epi.grants.cancer.gov/access\\_policies.html](http://epi.grants.cancer.gov/access_policies.html)

[http://cancergenome.nih.gov/components/hcbr\\_process.asp](http://cancergenome.nih.gov/components/hcbr_process.asp)

The NCI Office of Biorepositories and Biospecimen Research (OBBR) was established in 2005 in recognition of the critical role that biospecimens play in cancer research. The NCI Cooperative Human Tissue Network (CHTN) and NCI policies on biorepositories have a treasure trove of resource links. The CHTN is as a prospective collection service. However, some biospecimens are banked for a limited time. CHTN provides normal and tumor specimens in a variety of formats. The Cancer Genome Atlas has an ongoing biospecimen collection program for genomic research of the TCGA program and links to CaBIG projects.

***NCI - Cooperative Breast Cancer Tissue Resource (CBCTR)***

<http://cbctr.nci.nih.gov/>

The NCI Cooperative Breast Cancer Tissue Resource (CBCTR) has formalin-fixed, paraffin-embedded primary breast cancer specimens, with associated pathologic and clinical outcomes data. The collection is suitable for validation studies of diagnostic and prognostic markers. There is an online search engine to query specimen inventory.

***NCI - Cooperative Prostate Cancer Tissue Resource (CPCTR)***

<http://www.prostatetissues.org/>

The NCI Cooperative Prostate Cancer Tissue Resource (CPCTR) has frozen or formalin-fixed, paraffin-embedded primary prostate cancer specimens, with associated pathology and clinical data. Specimens are available in a variety of formats, including TMAs. There is an online search engine to query specimen inventory.

***NCI - AIDS and Cancer Specimen Resource (ACSR)***

<http://acsr.ucsf.edu/resource.aspx>

The AIDS and Cancer Specimen Resource (ACSR) provides qualified researchers with tissue, cell, blood, and fluid specimens, as well as clinical data from patients with AIDS and cancer. The specimens and clinical data are available for translational medicine research protocols.