

The Tissue and Data Acquisition and Analysis Core (TDAAC) is a resource designed to provide high quality controlled human tissue samples to VCU investigators as well as provide customized services to assist them in all tissue collection, consenting and processing needs. The core represents a close collaboration within and between multiple disciplines and departments within VCUHS, including Massey Cancer Center and the Departments of Pathology, Surgery and Internal Medicine. TDAAC provides support through maintaining/providing high quality human tissue from banked specimens; best practice collection and methodologies; ensuring appropriate patient protections; targeted sample collection; targeted patient informed consents; and custom sample processing.



While TDAAC focuses primarily on obtaining malignant human tissue samples, other types of targeted samples can be obtained.

The TDAAC provides:

Tissue Bank Sample Utilization

- Provide quality controlled residual human solid and hematopoietic tissue from patients who have given informed consent for use of their samples in research

Specimen Acquisition & Patient Informed Consent

- Prospectively provide targeted human solid tissue and hematopoietic tissue sample acquisition targeted to specific investigator needs
- Assist in obtaining informed consents for IRB approved protocols

Sample Processing

- Provide customized human and non-human sample solid tissue and hematopoietic sample processing.
- Mononuclear cell separation and cryopreservation of hematopoietic samples.
- Frozen or H&E stained OCT embedded tissue sections
- Other (specified by investigator or clinical trial protocol)
- Laser Microdissection services available for purification of heterogeneous tissues – provided through collaboration with the Department of Pathology's Laser Capture Microdissection Facility

Available Tissue Types

- Abdominal Cavity
- Adrenal Gland
- Anus
- Axilla
- Bone
- Bone Marrow
- Brain and Spinal Cord
- Breast
- Cervix
- Chest Wall
- Colon
- Endometrium
- Esophagus
- Fallopian Tube
- Gallbladder
- Larynx
- Lip, Oral Cavity, Oropharynx
- Liver
- Lung
- Lymph Node
- Neck
- Nose and Paranasal Sinuses
- Omentum
- Ovary
- Pancreas
- Parathyroid
- Pelvic Cavity
- Penis
- Peripheral Blood
- Peritoneum
- Pituitary
- Pleura
- Prostate
- Renal Neoplasms
- Salivary Gland
- Skin
- Small Bowel
- Soft Tissue
- Spleen
- Stomach
- Testis
- Thymus
- Thyroid
- Urinary Bladder
- Uterus (not endometrium)
- Vagina
- Vulva

To Access TDAAC Service:

Contact Catherine Dumur, PhD, TDAAC Co-Director for access and information to TDAAC services.



The TDAAC faculty and staff.

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