

Resource Summary Report

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Windber Tissue Bank

RRID:SCR_000509

Type: Tool

Proper Citation

Windber Tissue Bank (RRID:SCR_000509)

Resource Information

URL: <http://www.wriwindber.org/wriwindber/Platforms/TissueBanking.aspx>

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Description: Under the direction of Stella Somiari, Ph.D., the tissue bank at Windber Research Institute acquires and banks large numbers of high quality and well annotated normal and diseased tissue specimens. These specimens are obtained from fully informed and consented donors using Institutional Review Board (IRB) approved protocols and are accompanied by detailed clinical, family history and demographic information. The tissue bank has established Standard Operating Procedures (SOPs) for tissue acquisition, handling, processing, packaging and shipping. All collaborators at participating clinics/medical centers utilize these procedures to ensure that the integrity of the specimen is maintained. Tissue types in our collection include plasma, serum, tissue embedded in optimum cutting temperature (OCT), formalin fixed paraffin embedded, and flash frozen. We also isolate and bank tissue derived products such as DNA, RNA and protein for research. Very stringent SOPs are in place for the process of extraction of these tissue-derived products and for quality control/quality assurance (QA/QC). The WRI tissue bank currently has 5 isothermal freezers each with the capacity to store 36,000 specimens. For all specimens obtained from surgical procedures, routine histology is performed to obtain representative Hematoxylin and Eosin (H & E) stained sections for imaging/archiving. All H & E sections are imaged on the Trestle SL-50 imaging system and these images are available online to designated collaborative sites. A certified pathologist verifies all tissue specimens and WRI has telepathology capabilities, which can also be utilized for pathology verification when a second pathologist opinion is required to confirm specimen diagnosis. Other uses of the telepathology capabilities include the verification of Laser Capture Microdissection (LCM) sections (by pathologist) to ensure the correct areas are captured for research. The telepathology system at WRI is the Trestle Corporation's Medmicro system, which permits the pathologist to remotely view, navigate and share images at sub-micron resolution over standard internet connections in real-time.

Abbreviations: WRI Tissue Bank

Synonyms: Windber Research Institute Tissue Bank, Windber Research Institute Tissue Banking, Windber Tissue Banking, WRI Tissue Banking

Resource Type: biomaterial supply resource, tissue bank, material resource

Keywords: specimen, clinical data, family history, demographic data, tissue, plasma, serum, dna, rna, protein, optimum cutting temperature, formalin fixed paraffin embedded, frozen, normal, disease

Related Condition: Normal, Disease

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Windber Tissue Bank

Resource ID: SCR_000509

Alternate IDs: nlx_29009

Record Creation Time: 20220129T080202+0000

Record Last Update: 20260801T190900+0000

Ratings and Alerts

No rating or validation information has been found for Windber Tissue Bank.

No alerts have been found for Windber Tissue Bank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.