**Summary of HTR-TASR Services for Grant Applications**

The Human Tissue Repository and Tissue Analysis Shared Resource (HTR-TASR) has the capability to perform a number of techniques and offers a variety of services on a fee for service basis. The HTR-TASR collects matched normal and tumor tissue primarily from left-over discard surgical specimens, and stores them either frozen or as formalin-fixed paraffin embedded (FFPE) blocks.  Investigators can request the tissues, with approvals required from the IRB (Human Research Protections Office) and Tissue Research Oversight Committee (TROC, formerly SRC). The HTR-TASR can also provide a number of different histology and molecular services, such as sectioning and H&E staining, immunohistochemistry and immunofluorescence using the Ventana Discovery Ultra Platform, creation of custom Tissue Microarrays (TMAs), slide digitizing (brightfield and fluorescent) via the Aperio Versa 200, and image analysis using the HALO™ Platform (from Indica Labs, headquarters in Albuquerque, NM). Various types of blood processing is available, including performance of cell count and viability via the Nexelom Cellometer 1000.  Some investigators require specially prepared specimens or have specific specimen requirements. For these approved studies, HTR personnel will prospectively collect the specimens and process tailored to the researchers’ needs. In addition, some molecular services are available, such as DNA and RNA extraction, PCR and real-time PCR.  A feasibility meeting should be set up with the Technical Manager and Operations Manager to discuss desired services.