Specific Services Offered to the UAB Community

- Contact Kathy Sexton at x4-6071 or ksexton@uabmc.edu
- Contact Annie Wang at x4-2007 or dezhiwang@uabmc.edu

We ensure that provision of human tissues for research meets ethical and regulatory requirements and investigators will have the opportunity to collaborate with pathologists according to their subcriticality.

- Quality control (QC) examination is performed (as requested).
- Specimens are collected, processed, stored, and supplied to support translational and basic research.
- Patient welfare is protected.

Value-added aspects include:
- Centralization of services
- Quality control
- Integration with i2B2 to identify banked specimens
- Customized patient and molecular information
- Education of investigators, mentoring and expert consultation
- Optimized state-of-the-art, cost-effective tissue banking
- De-identified specimens
- Support for IRB applications
- Fresh tissue can be provided free of charge

Work Flow Once Tissue Request is Active

<table>
<thead>
<tr>
<th>Operating Room</th>
<th>Pathology Evaluation</th>
<th>Tissue Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. OR contacts UAB Tissue Biorepository personnel to pick up specimen</td>
<td>2. UAB Tissue Biorepository personnel deliver case to Pathology to be harvested by PA or pathologist</td>
<td></td>
</tr>
</tbody>
</table>

Rationale and Value-Added

Provides a wide-range of specimens (e.g., benign, diseased, neoplastic, normal) from multiple sources (e.g., surgery, autopsy, clinical pathology).

Has supported studies that have resulted in publications as follows:
- >4000 publications (1987 – Feb 2019): of these >1701 appeared in very high-impact journals
- >50 (since 2013) describe significant discoveries and developments

Value-added aspects include:
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Future Plans

- Obtain and maintain biorepository accreditation by the College of American Pathologists (CAP)
- Continue to improve operations based on emerging NIH, ISBER (International Society for Biological and Environmental Repositories) and CAP standards.
- Expand the training of all UAB TRB personnel by encouraging their completion of the course being developed by ISBER for Certified Biorepository Technicians.
- Continue to work with UAB investigators to (1) identify emerging needs and (2) keep them informed as to how the current and emerging tissue biobanking technologies can better serve their needs.