

# **ZOION DIAGNOSTICS** *Your Clinical Resource Partners*

## **Our 2 most distinguished programs**

- ~ Cancer Library
- ~ Normal Donor Base-line Library

- Common packages are outlined below, however, our staff are ready to work with you to customize a service package that best meets your research objectives -

## **~ The Cancer Library**

### **Package I**

- Cancerous surgical and adjacent normal tissue snap frozen within minutes of excision in liquid nitrogen
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

### **Package II**

- Total RNA: 100 ug of surgical tissue for both cancerous and adjacent normal
- QC gel electrophoresis of RNA and gel of DNA contamination
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

### **Package III**

- Cancerous surgical and adjacent normal tissue in OTC media with accompanying data
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

### **Package IV**

- Cancerous surgical and adjacent normal tissue prepared as paraffin blocks
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

### **Package V: Special Interest**

- Slides prepared from paraffin blocks of rare tumors in OTC media with accompanying data
- Slides prepared from paraffin-embedded tumors of patients with a history (5 years and greater) of surgery and chemotherapy treatment
  - Possible Applications:  
Understanding the patterns of sensitivity to chemotherapy agents for application in future developments.
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

### **Package VI: Special Interest**

- Samples of primary multiple tumors: synchronous and metachronous
  - Possible Applications:  
Investigating viral RNA as a possible cancer origin.
- H &E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

**Package VII: Special Interest**

- Tissue arrays: 50 matched pairs of tumor and their adjacent normal tissue, all on a single slide and based on customized technology
- H & E slide of each tissue type
- 4-5 page clinical history report, and a separate detailed pathology report

**~ The Normal Donor Base-line Library**

- Our unique program includes all of the following:

- Over 70 different tissue regions from a SINGLE donor, multiple donors per year
- Tissue regions that are fresh frozen in liquid nitrogen or on dry ice
- Very short post-mortem interval, 2-4 hours
- Complete and detailed pathology report
- Complete donor general health form
- Donor viral testing
- OTC
- Paraffin block
- H & E slide
- Total RNA

**Our Promise to You All material is procured prospectively in accordance to a strictly observed protocol, and is accompanied by detailed clinical history and pathology reports.**