Establishment of PDX models and cell lines for developing new therapeutics

Collaboration between NCCHE and EPOC

Evaluation of pathological specimens for biomarker analysis

Examples of PDX/CDX tumors

Dept. Pathology and Clinical Laboratories, NCCHE

Div. of Innovative Pathology and Laboratory Medicine, EPOC

Biomarker analysis using pathology samples
Surgically resected GC tissue

Xenograft Tumor

Non-tumorous stomach tissue (PBMC DNA available as BB sample)

Drug Treatment

PDX model

New GC cell line

in vitro model

+ Clinical data

+ Molecular Profile
Examples of PDX/CDX tumors
Aging of FFPE samples is associated with DNA fragmentation.
Deficient MMR gastric cancer