



LABORATORY WORK AND ANALYSIS

Sample Requirement



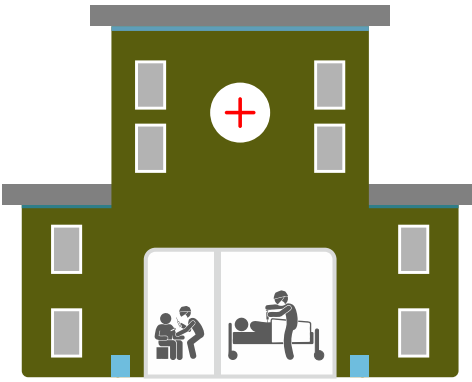
Fresh Tumor Tissue



Blood

Phoenixza™ requires
fresh tumor tissue (5 cores)
and
08 - 10 ml of blood

Sample Collection



Blood Collection and Biopsy



Blood



Tumor Tissue

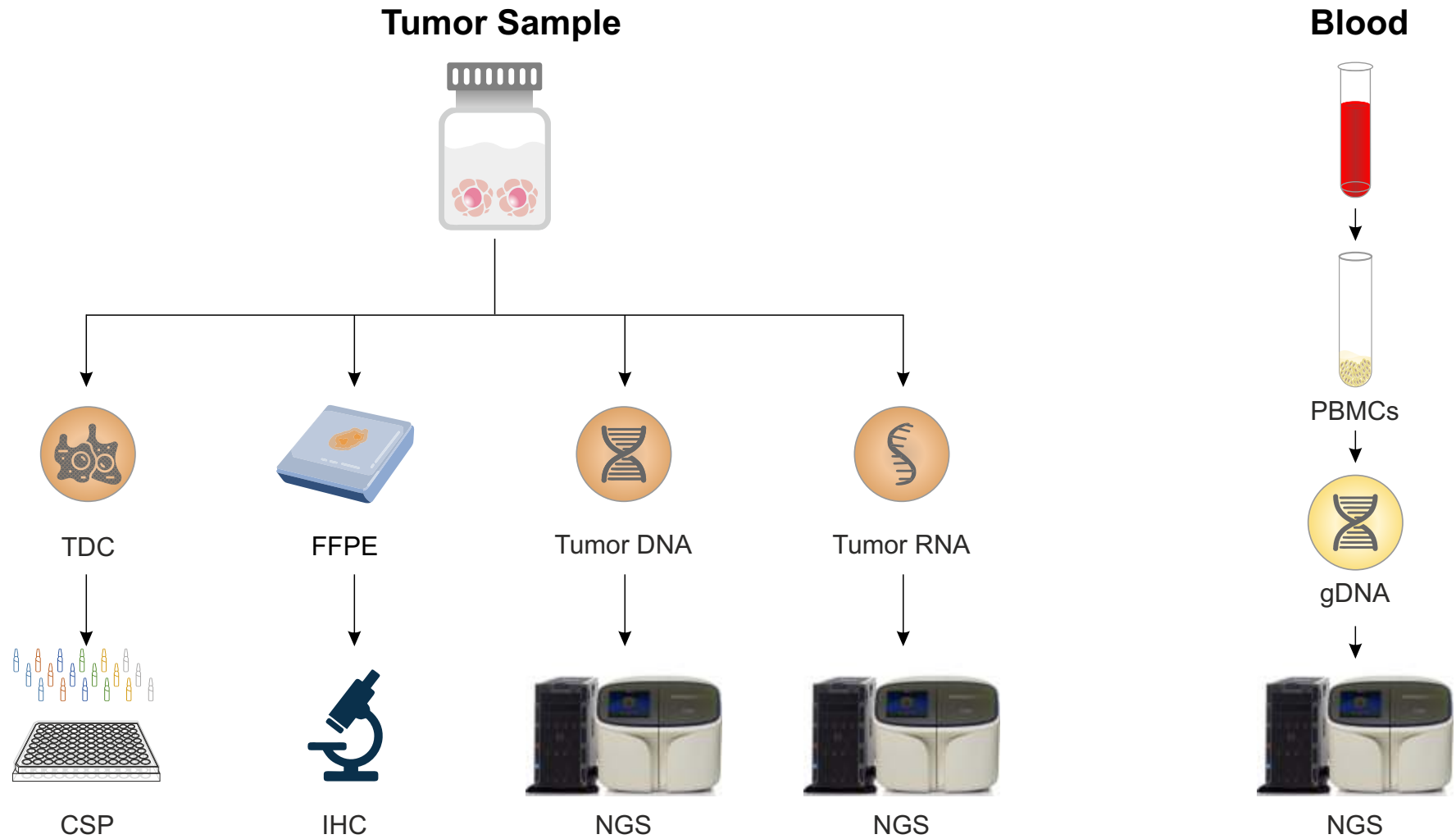


Transportation at 2° to 8° C within 96 h



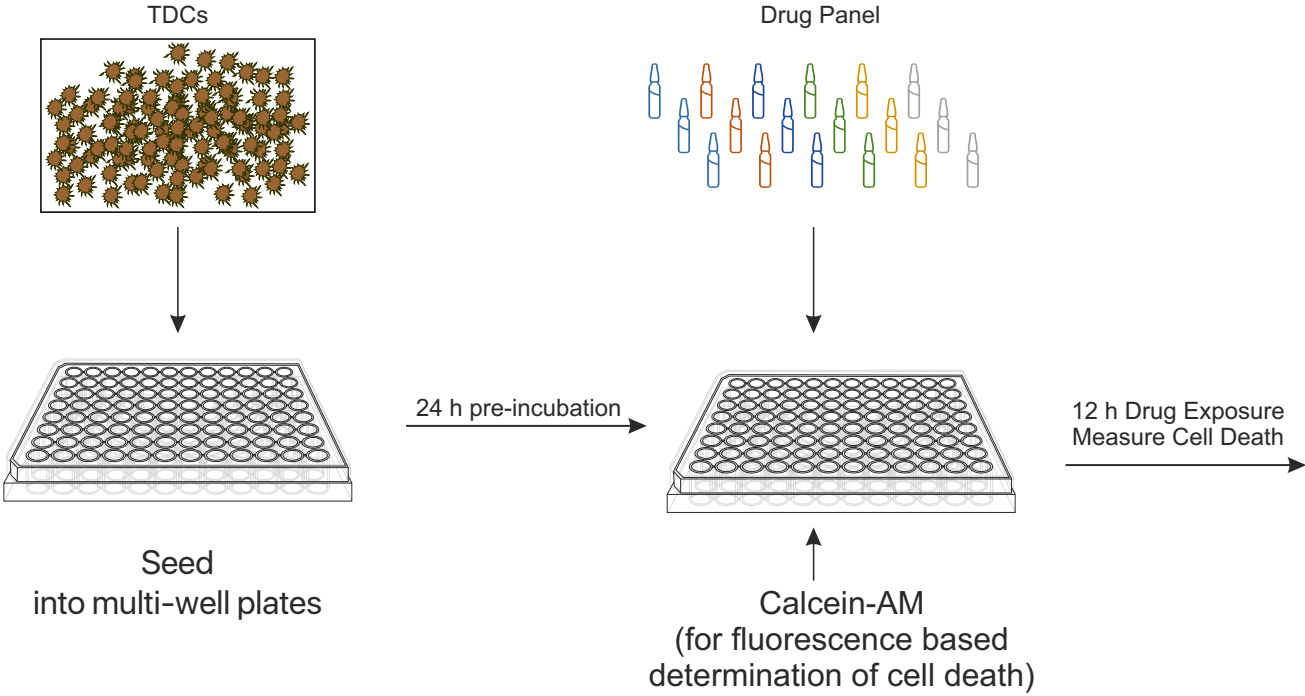
Process as per protocol

Investigations: Overview



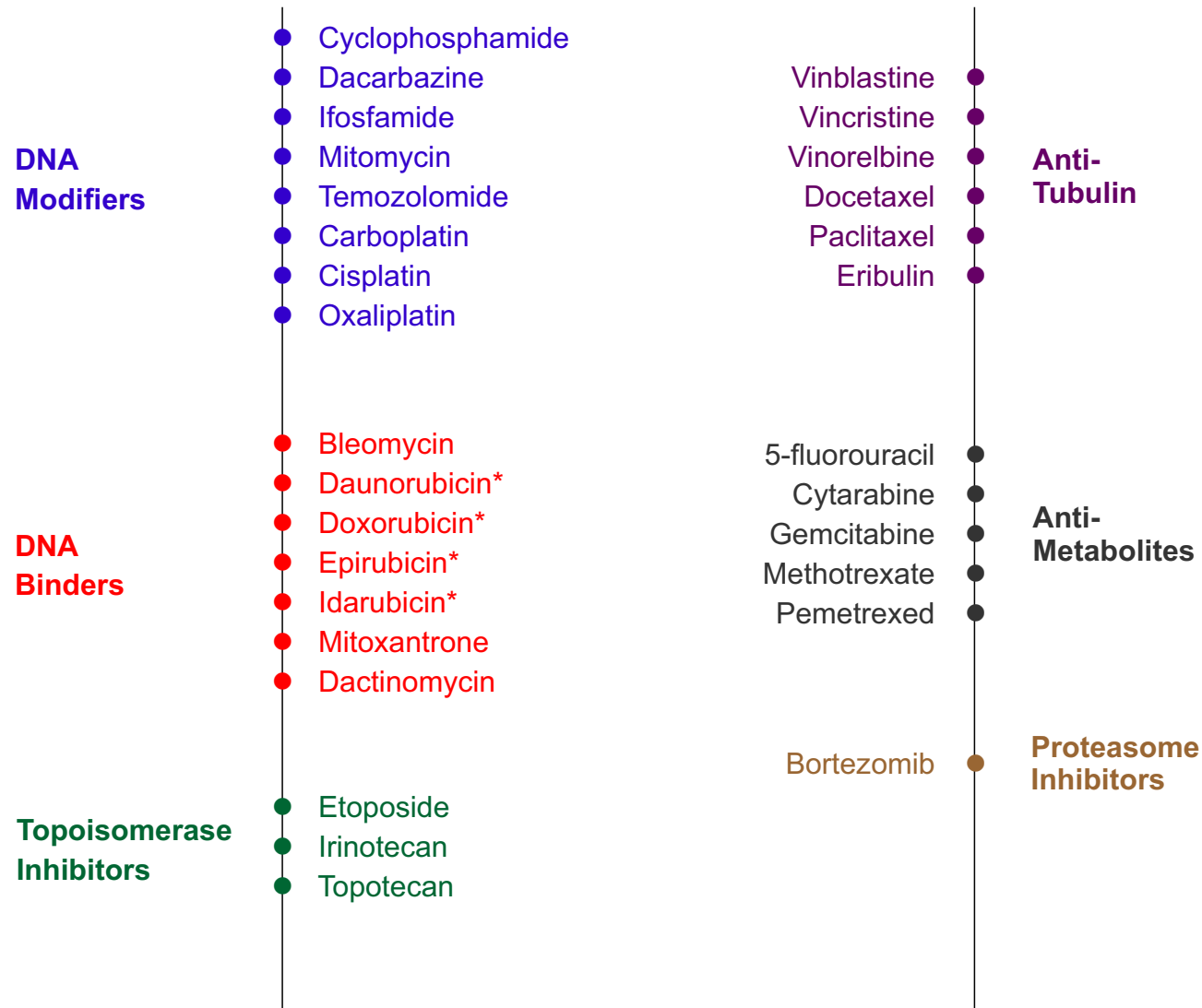
TDC: Tumor Derived Cells, CSP: (In vitro) Chemosensitivity Profiling, FFPE: Formalin Fixed Paraffin Embedded (Tissue Section); IHC: Immunohistochemistry; NGS: Next Generation Sequencing; PBMC: Peripheral Blood Mononuclear Cells; gDNA: PBMC DNA

In-vitro Chemo Sensitivity / Resistance



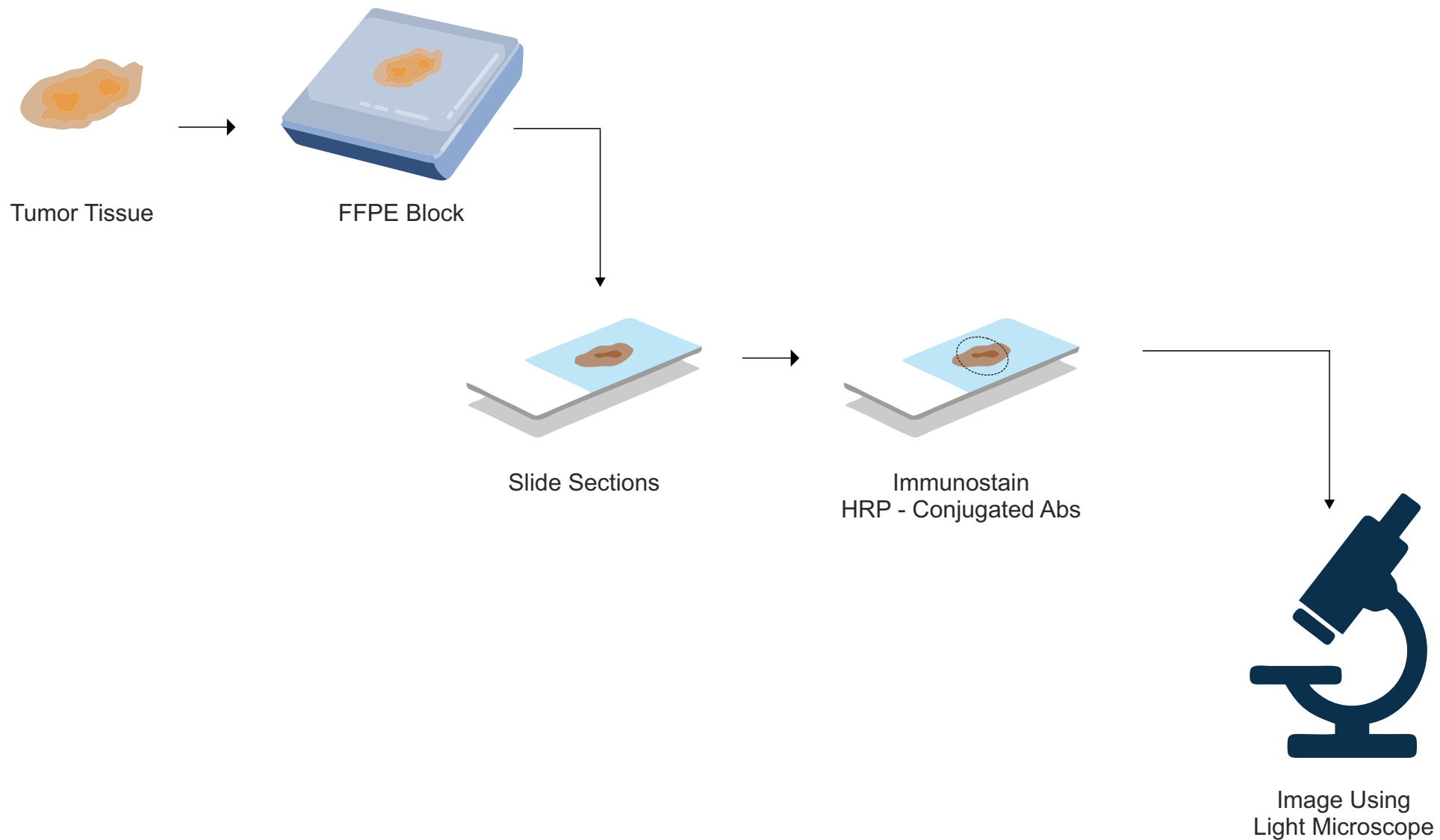
Cell death can be measured using absorbance measurement or fluorescence imaging (Incucyte / Varioskan / EVOS or similar instrument)

Drug Library for In Vitro CSP

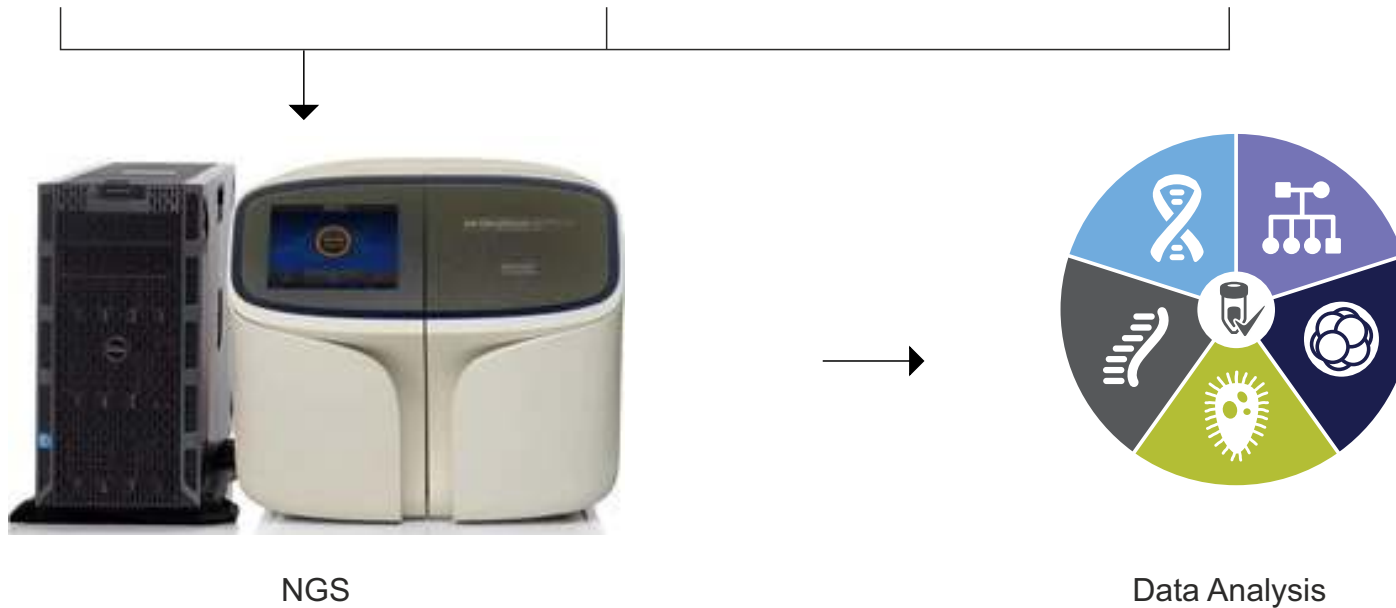
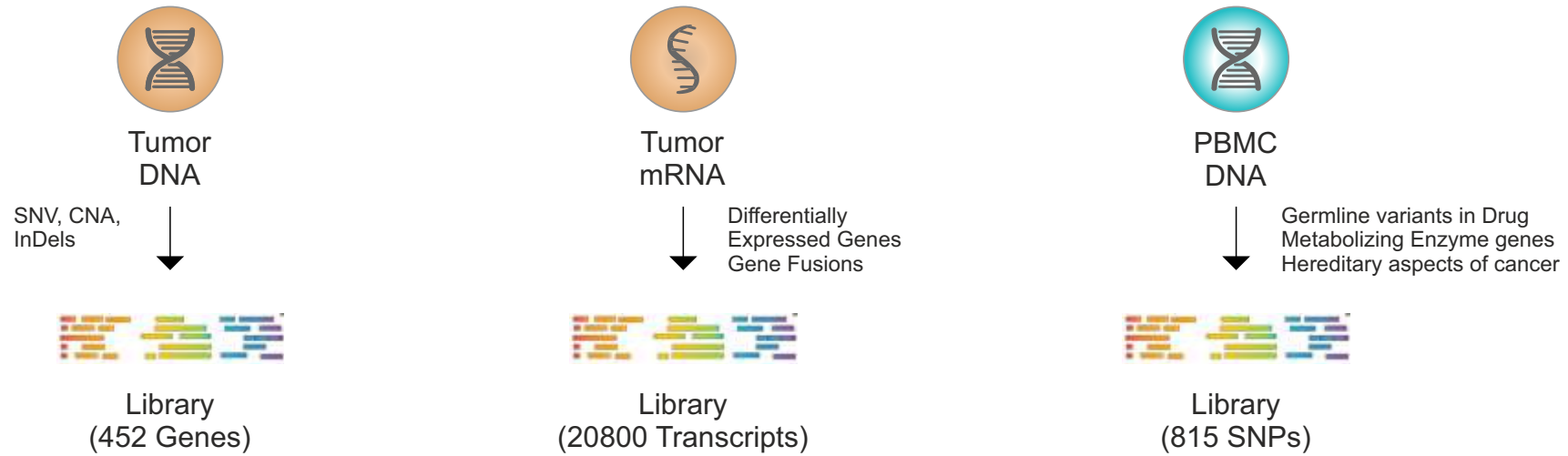


(*multi inhibitory effects)

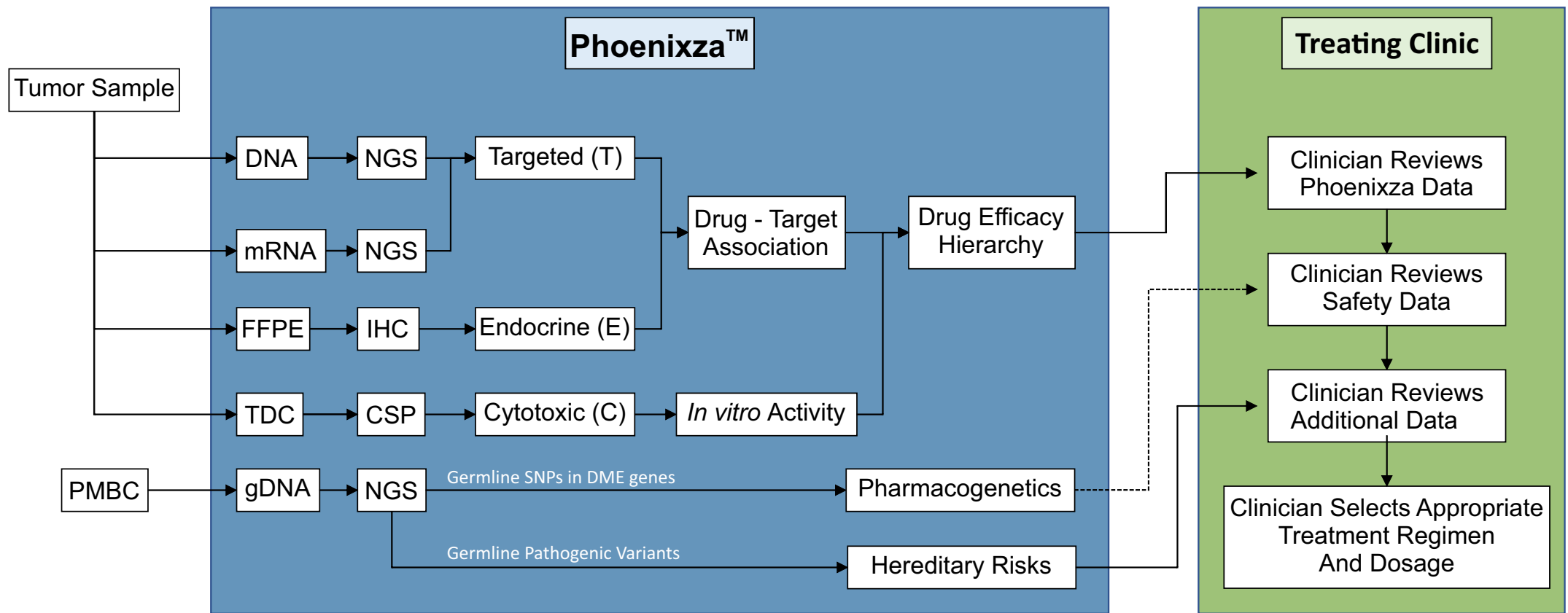
Immunohistochemistry



Molecular Profiling



Drug Selection Process : Phoenixza™



Thank You