CELL LINE AUTHENTICATION – FLOW CHART

PATIENT

Tumor
- Tissue and cancer type specific

Blood, Skin, Etc.
- Patient specific (i.e. Alzheimer’s Disease, ALS, Diabetes, etc.)

Cancer Cell Line

Submit for Testing:
- Cell pellet (fresh, frozen, dried)
- Genomic DNA
* Note passage number

Stem Cell Line

Submit for Testing:
- Cell pellet (fresh, frozen, dried)
- Genomic DNA
* Note passage number

AUTHENTICATION
- STR Profiling
- Compare established cell line to patient or reference database for verification of identity