



**GENETICS PROGRAM  
CYTOGENETICS LABORATORY TESTS**

<b>Chromosome Analysis (Karyotype)</b>
Constitutional chromosome studies
Oncology cytogenetic studies

<b>SNP Microarray</b>
Pediatric/Adult SNP array analysis
Prenatal SNP array analysis
Oncology SNP array analysis

<b>Oncology FISH</b>
AML CBFB, KMT2A, PML/RARA, TEL/AML1
CML BCR/ABL1
MDS 5q, 7q, and 20q
Lymphoma IGH/BCL2, IGH/CCND1
Lymphoma panel BCL6, MYC and BCL2
Marginal zone lymphoma (MZL) panel 3/3q, 7q and MALT1
MM 1p/1q, 13q, IGH and TP53 / reflex IGH/FGFR3, IGH/MYEOV and IGH/MAF