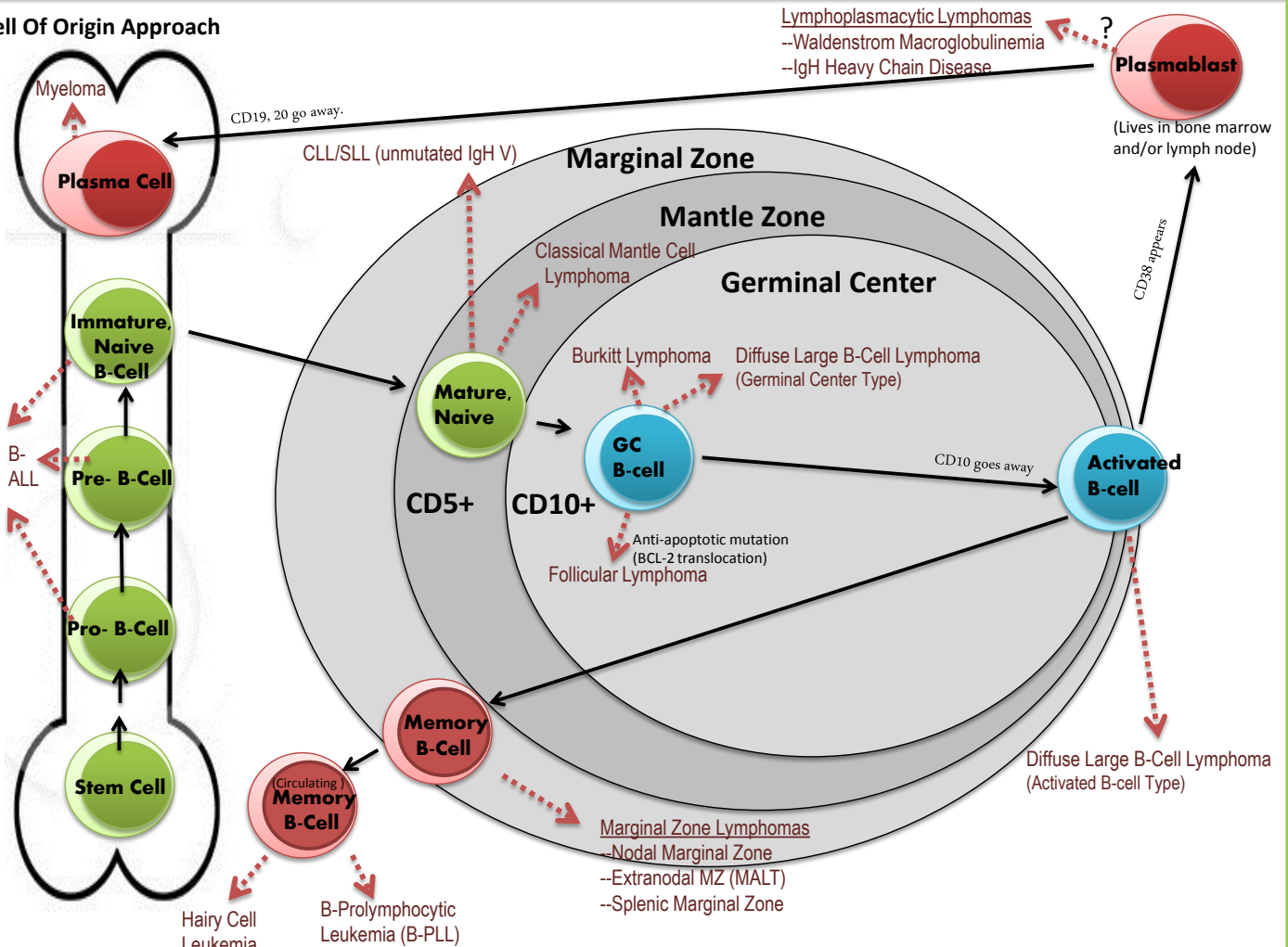


Non Hodgkin B-Cell Neoplasms

1. Cell Of Origin Approach



2. Surface Marker Approach

Disease	CD19	CD20	CD5	CD10	CD23	Other Surface	Mutations/Translocations
Follicular	+	+		+			14;18 (BCL-2) in ~90%
CLL/SLL	+	dim +	+		+		Various, none pathognomonic
LPL/Waldenstrom	+	+					MyD88 L265P in ~90%
Marginal Zone	+	+					Varies by tissue
Mantle Cell	+	+	+				11;14 (BCL-1) in ~90%
Hairy Cell	+	+				CD11c, CD25, CD103	BRAF V600E in ~100% of classical HCL
DLBCL	+	+		+/-			Various, none pathognomonic
Burkitt	+	+		+			C-myc translocation

3. Clinical Behavior Approach

