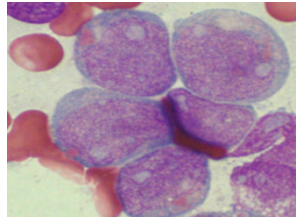
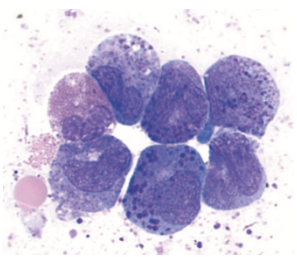
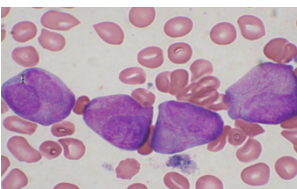


Genetics	Prognosis	Differentiation	Phenotype	Other	Morphology	Molecular
t(8;21) [RUNX1- RUNX1T1]	Good	Granulocytic	CD19 CD56 cCD79a PAX5	- Perinuclear hofs - Auer rods - Salmon-pink granules		KIT – worse prognosis ASXL1 “Oligoblastic” acute leukemia
Inv(16;16) [CBFB-MYH11]	Good	Myelomonocytic	Two populations: Myeloid Mono	Eos w/basophilic granules		KIT – worse prognosis
t(15;17) [PML-RARA]	Very good Tx. ATRA/arsenic	Promyelocytic	Absent CD34, DR High MPO	- Auer rods - Microgranular variant (bi-lobed)		FLT3 ITD – worse prognosis (11;17) ZBTB16 Resistant ATRA (11;17) NUPA1 Responsive (5;17) NPM1 High risk of relapse (17;17) STAT5B Resistant ATRA worse prognosis.