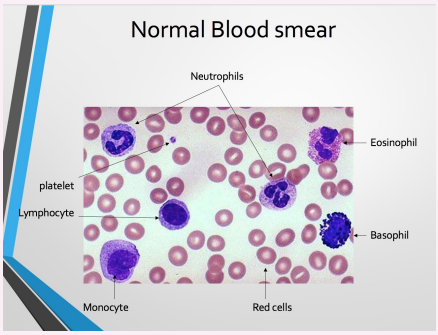
Cheatography

haematology Cheat Sheet

by ilsccsonoa (holscassidy) via cheatography.com/185549/cs/39056/

blood smear



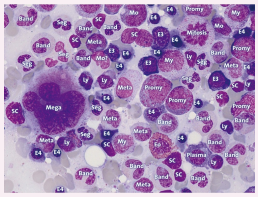
blood cell development

begins with pluripotent stem cells

involves formation of blasts which morphologically have a high nucleocytoplasmic ratio, prominent nucleus, open chromatin configuration, basophilic cytoplasm

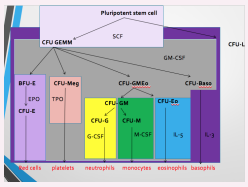
blasts mature in a lineage specific manner in response to growth factors & the end result is effector cells

bone marrow architecture



E3-E4 = different stages of red cell development; Ly – lymphocyte; Mega – megakaryocyte; Promy – promyelocyte, my – myelocyte, meta – metamyelocyte, band - band form; SC – stromal cell, Seg – segmented neutrophil

.



haemopoietic sites

development stage		site
embryo	0-2 months	yolk, sac
foetus	2-7 months	liver, spleen
foetus	5-9 months	bone marrow
infants		all bones - bone marrow
adults		vertebrae, ribs, sternum, skull, sacrum, pelvis, proximal ends of femur

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