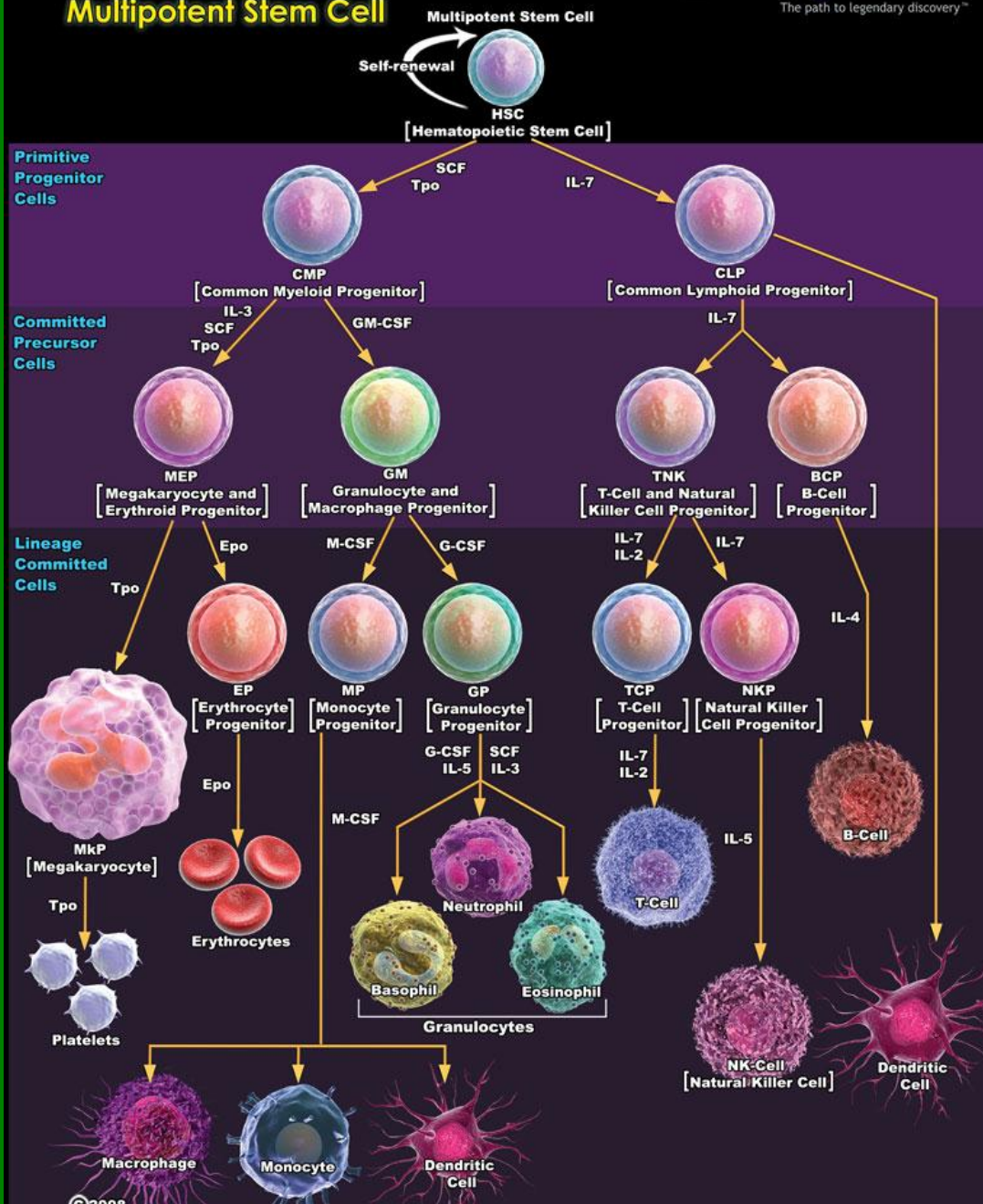


Hematopoéza

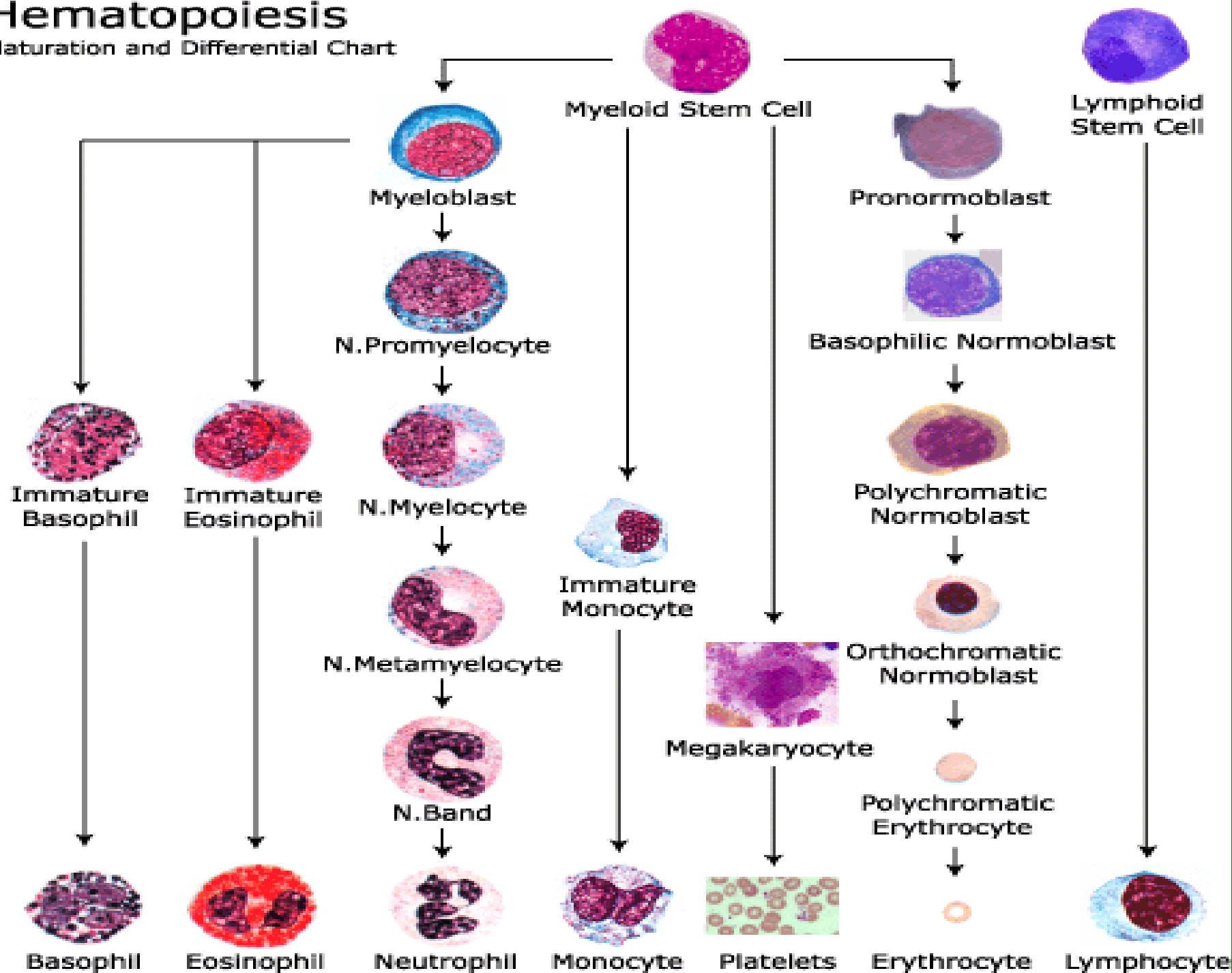
Bourková L., OKH FN Brno

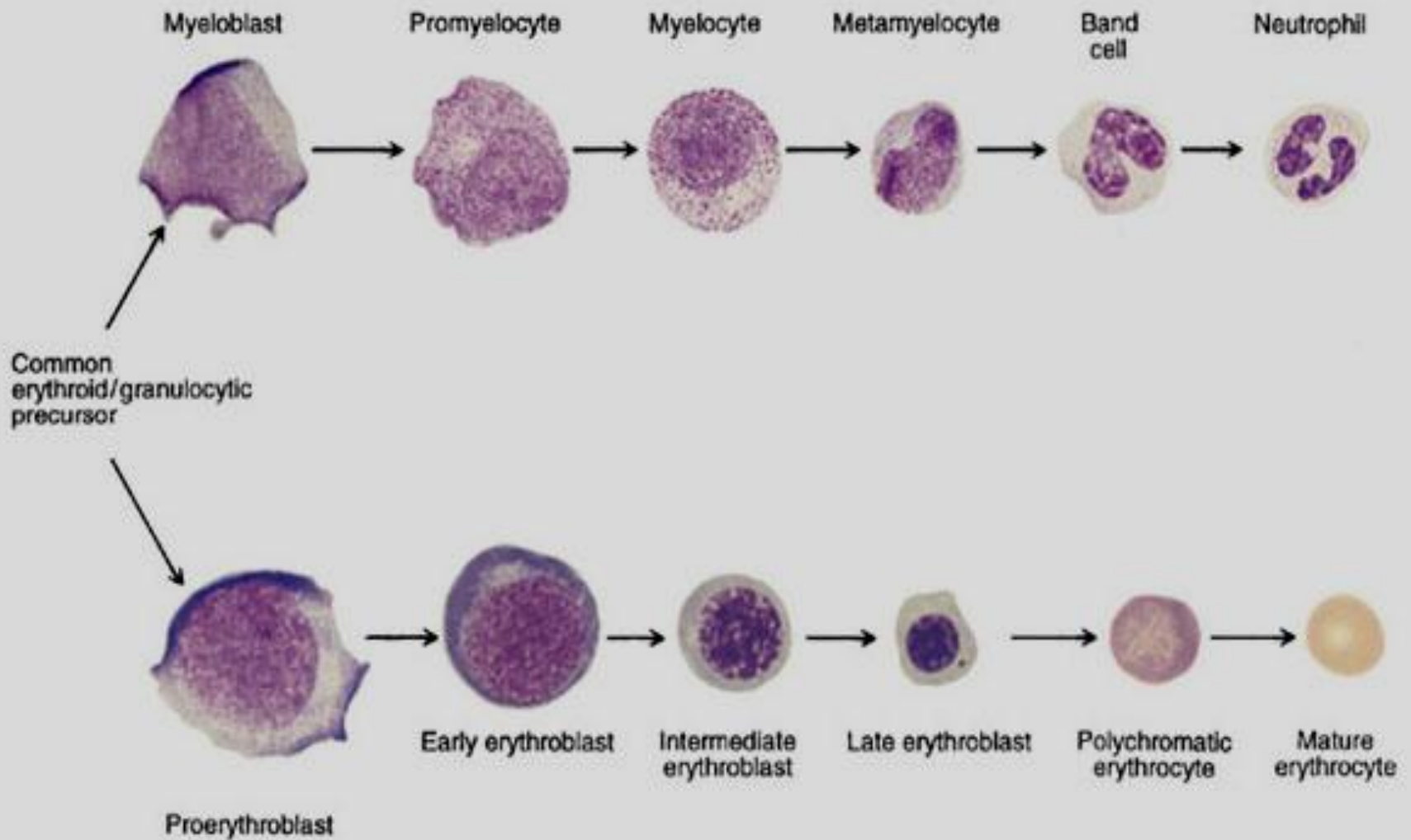
Hematopoiesis from Multipotent Stem Cell



Hematopoiesis

Maturation and Differential Chart



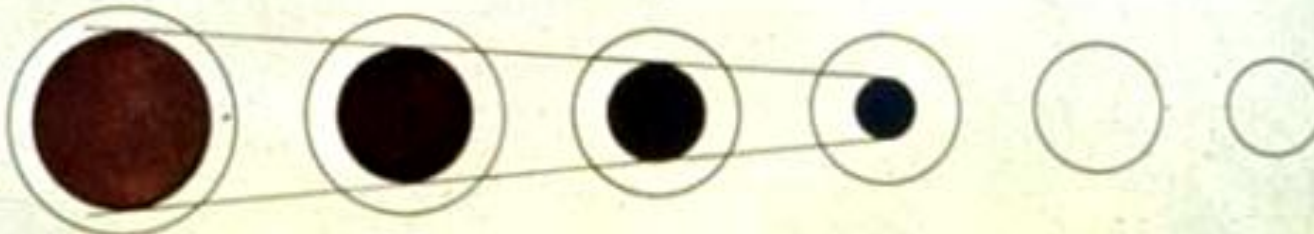


Sledování buněčných morfologických změn



A Cell size and cytoplasm color

zbarvení, obsah
cytoplazmy



B Nuclear size and color

velikost, tvar
jádra



C Nuclear chromatin structure

struktura chromatinu,
jadérka



D Composite (Left to right: Rubriblast, Proerythrocyte, Rubricyte, Metarubricyte, Diffusely basophilic erythrocyte, Erythrocyte)

komplexní hodnocení

KOSTNÍ DŘEŇ

myeloblast

promyelocyt

neutrofilní myelocyt

eozinofilní myelocyt

bazofilní myelocyt

neutrofilní metamy

eozinofilní metamy

bazofilní metamy

proerythroblast

bazofilní normoblast

polychromní normoblast

oxyfilní normoblast

monoblastt

promonocyt

makrofág

magakaryoblast

promegakaryocyt

megakaryocyt

lymfoblast

prolymfocyt

plazmat. b.

KREV

neutrofilní tyč

eozinofilní tyč

bazofilní tyčí

neutrofilní segment

eozinofilní segment

bazofilní segment

retikulocyt

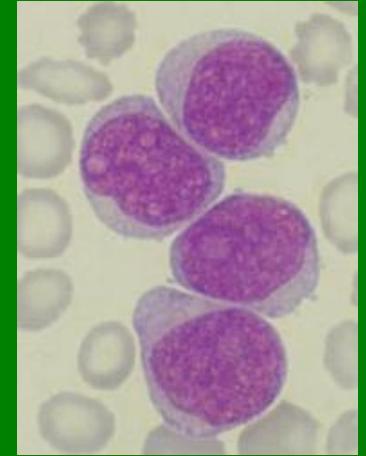
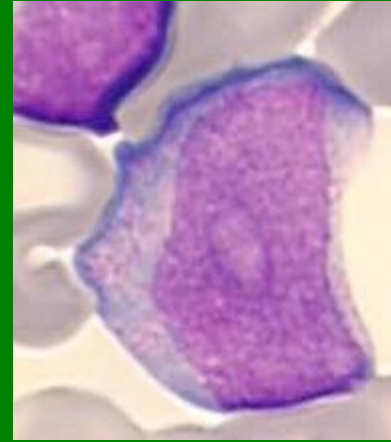
erytrocyt

monocyt

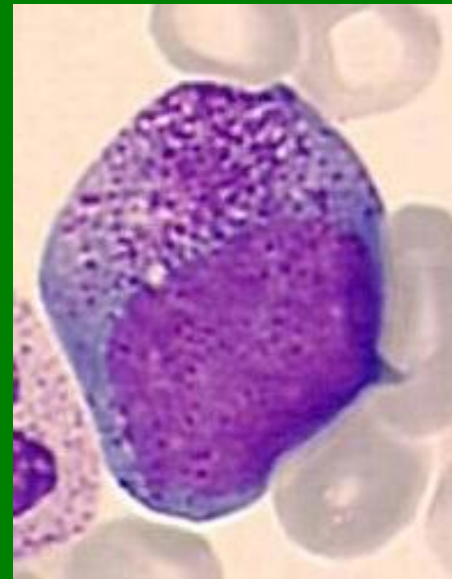
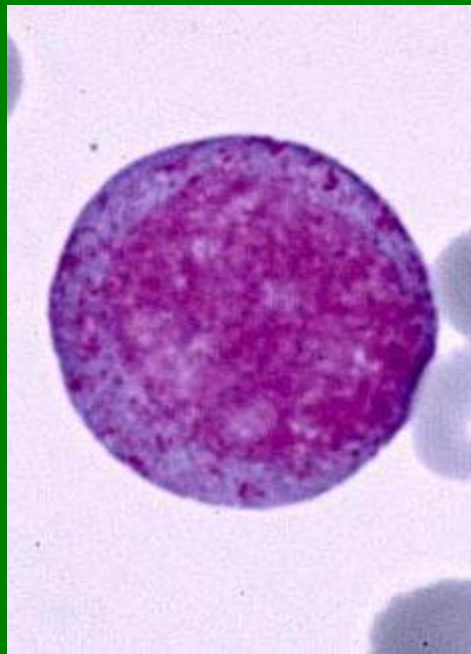
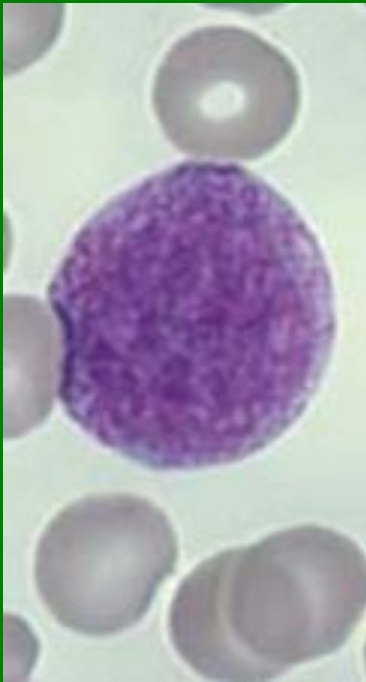
trombocyty

lymfocyt

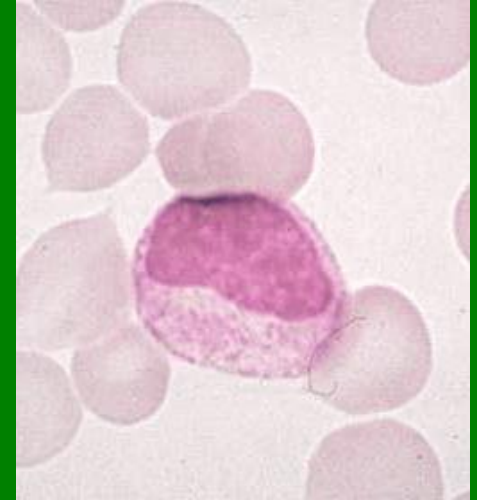
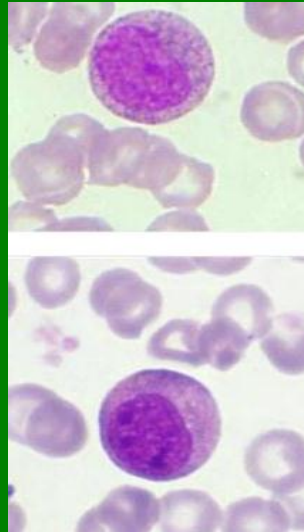
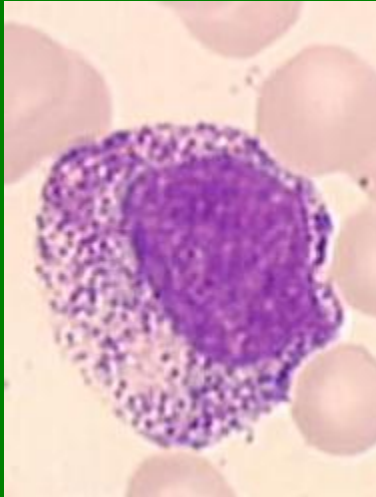
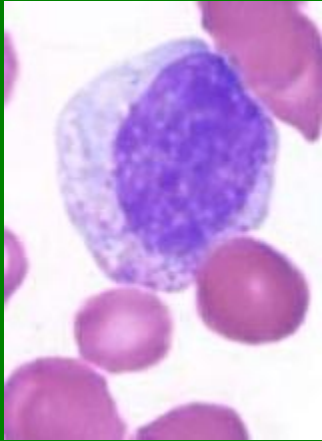
Myeloblasty



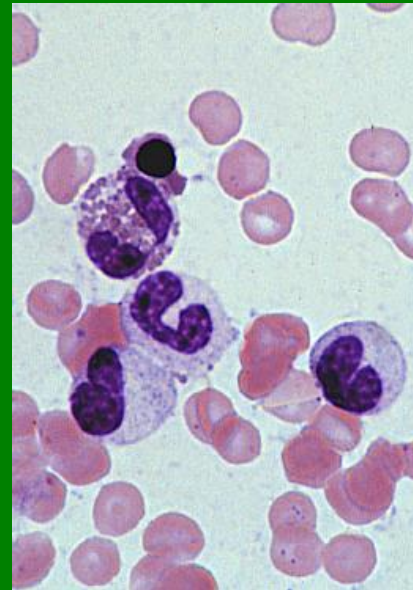
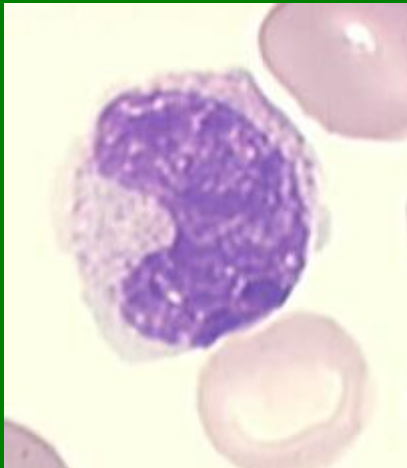
Promyelocyty



Myelocyty - Ne



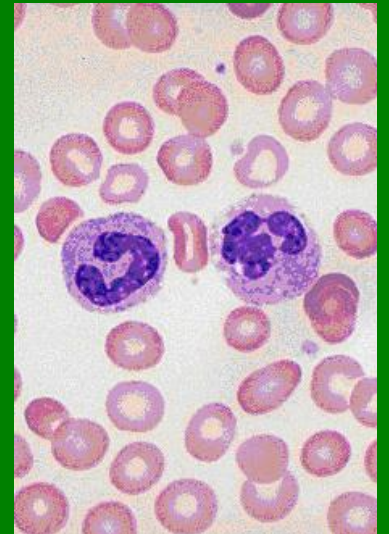
Metamyelocyty - Ne



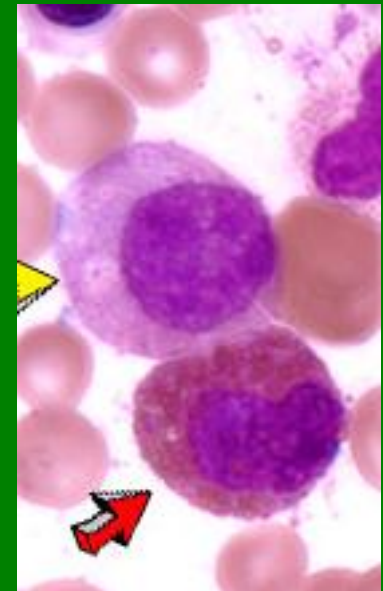
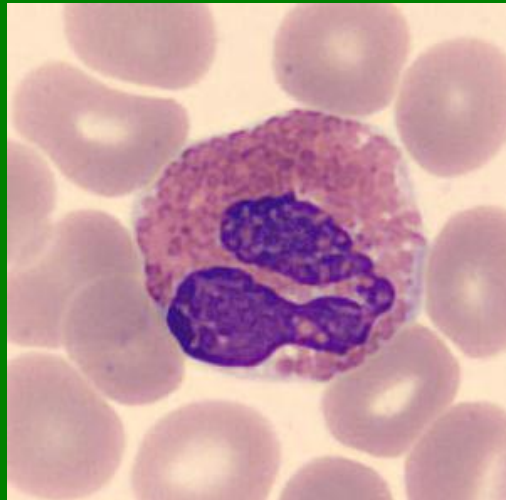
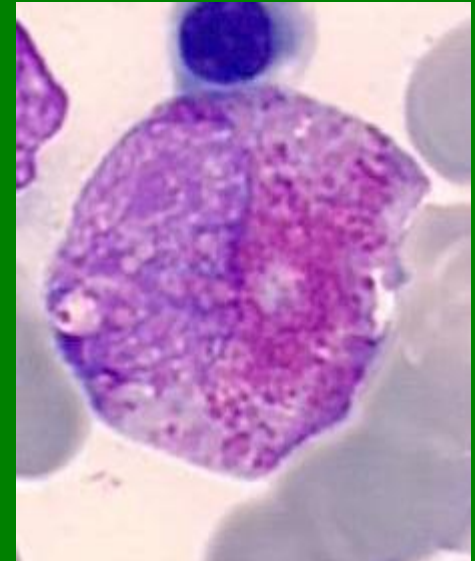
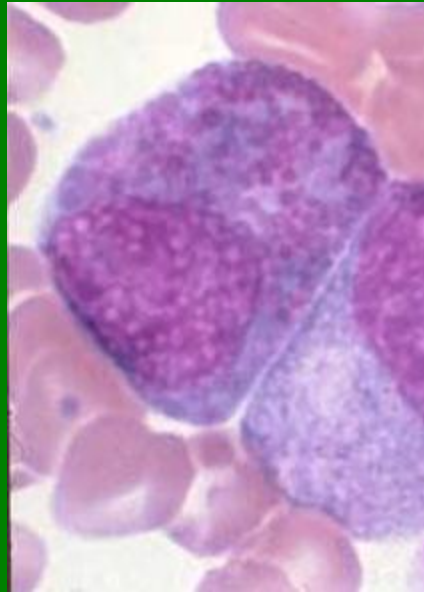
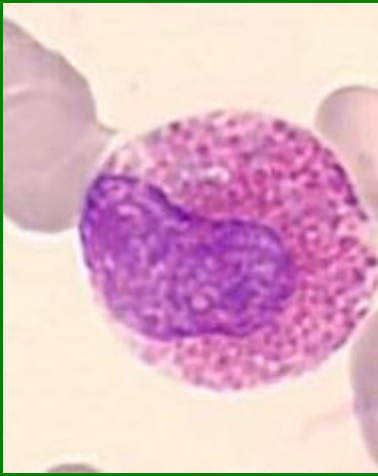
Tyč - Ne



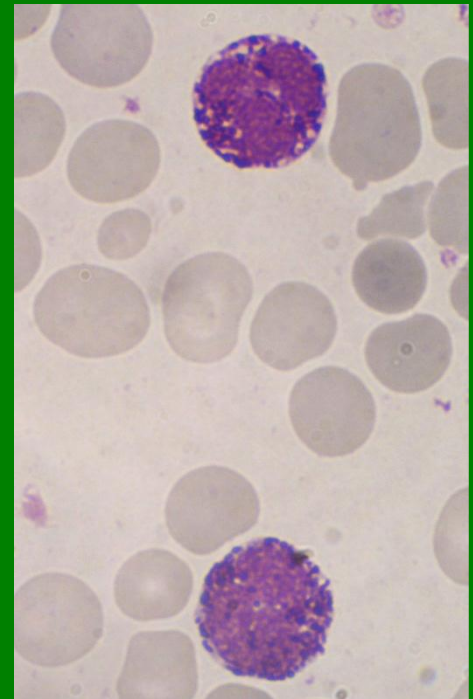
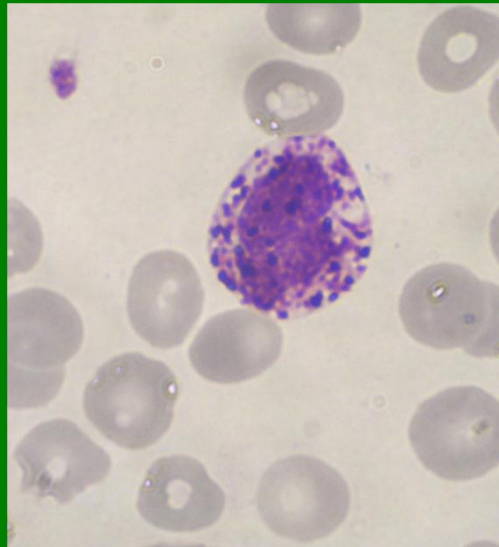
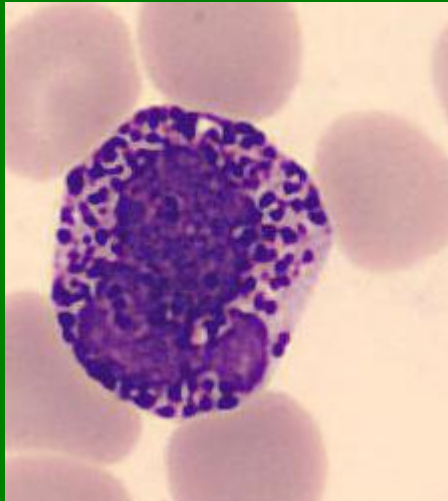
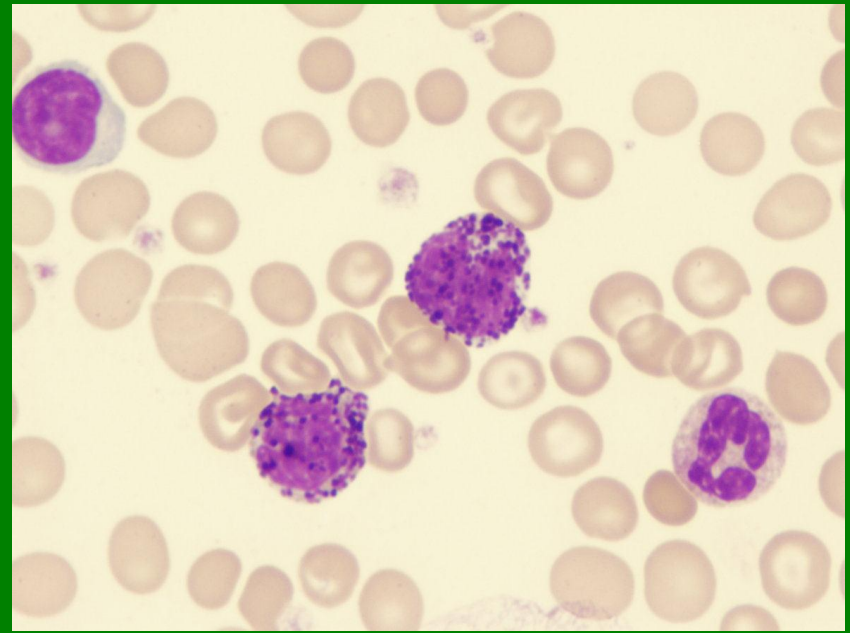
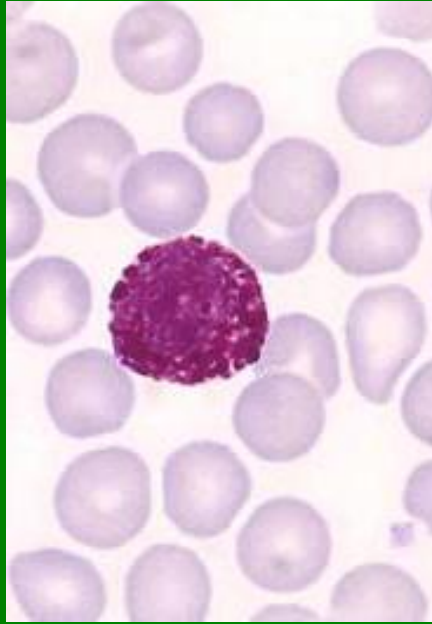
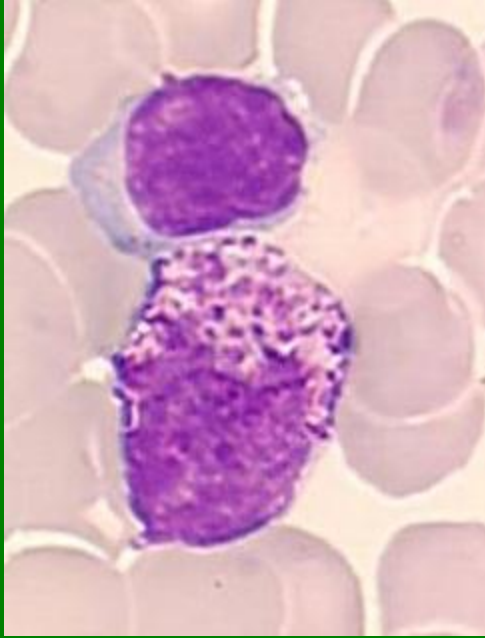
Segment - Ne



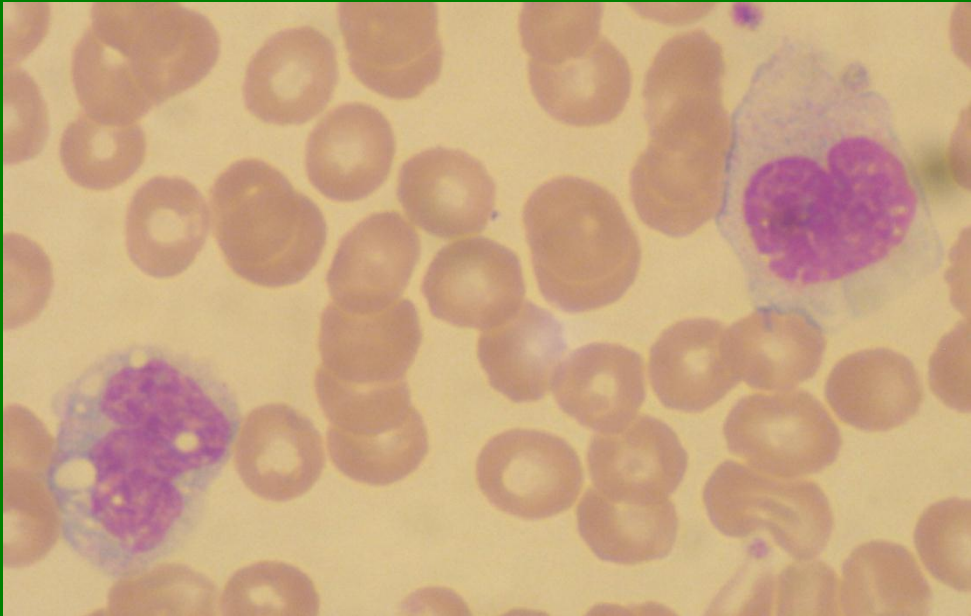
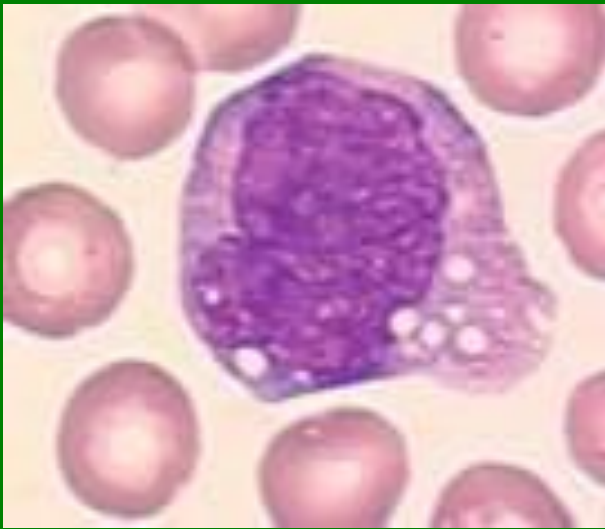
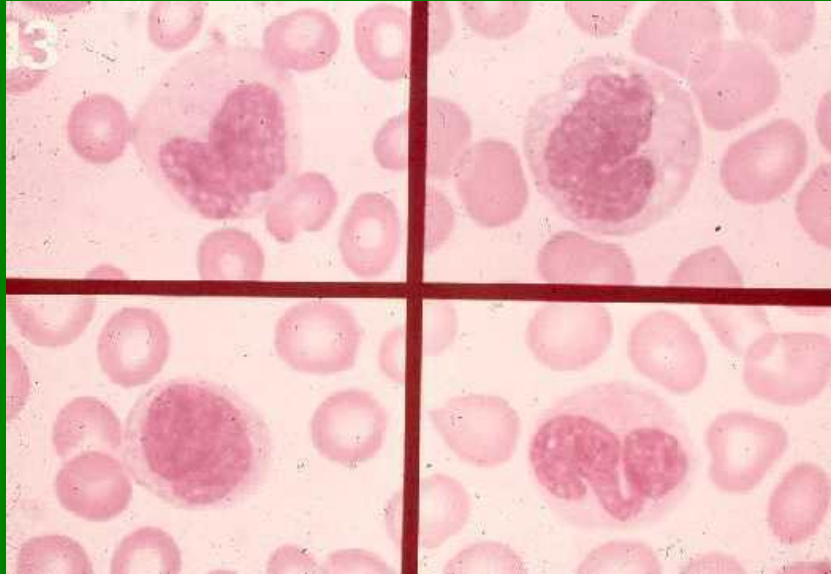
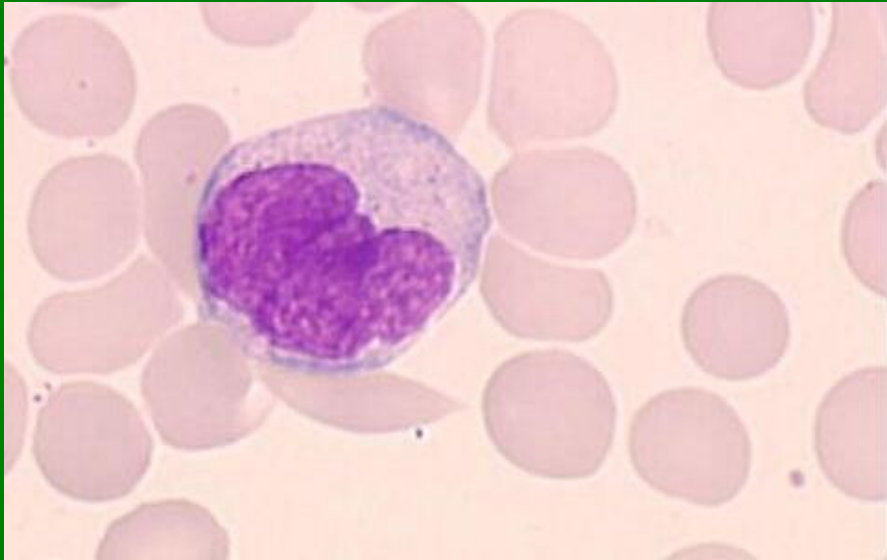
Eozinofily



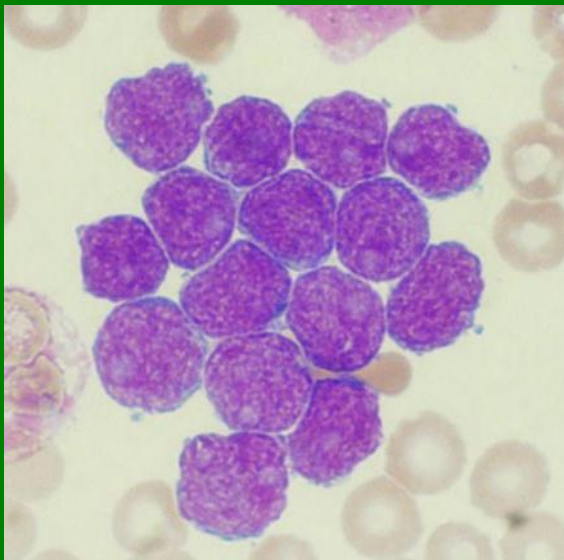
Bazofily



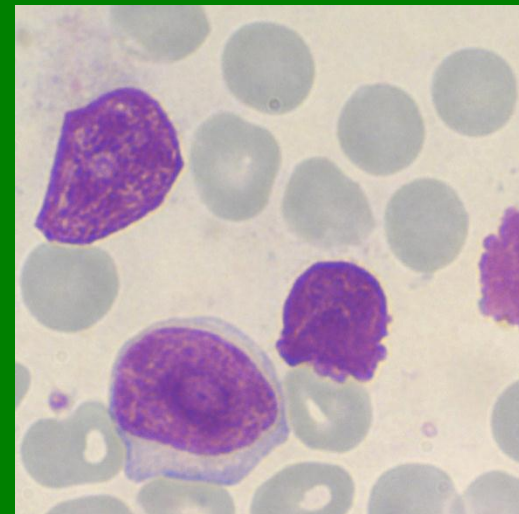
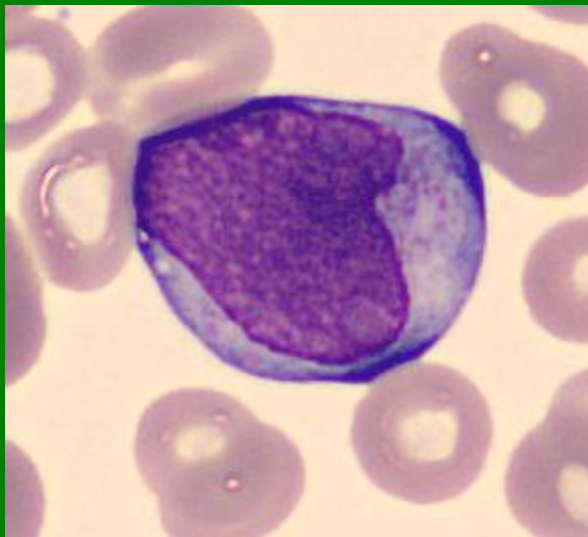
Monocyty



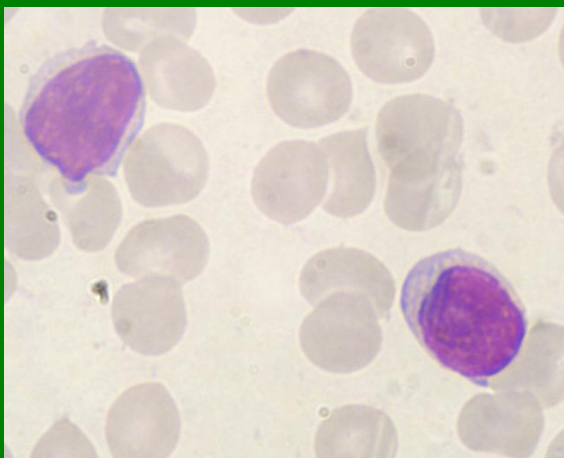
Lymfoblasty



Prolymfocyt



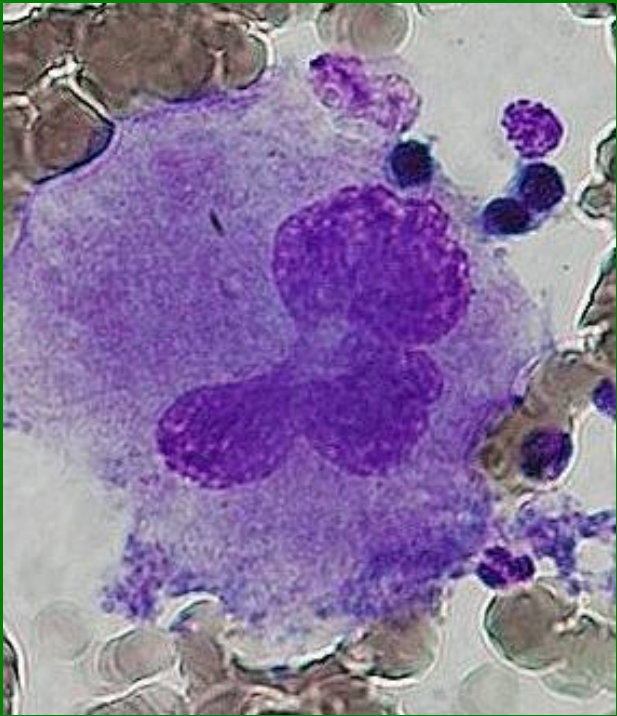
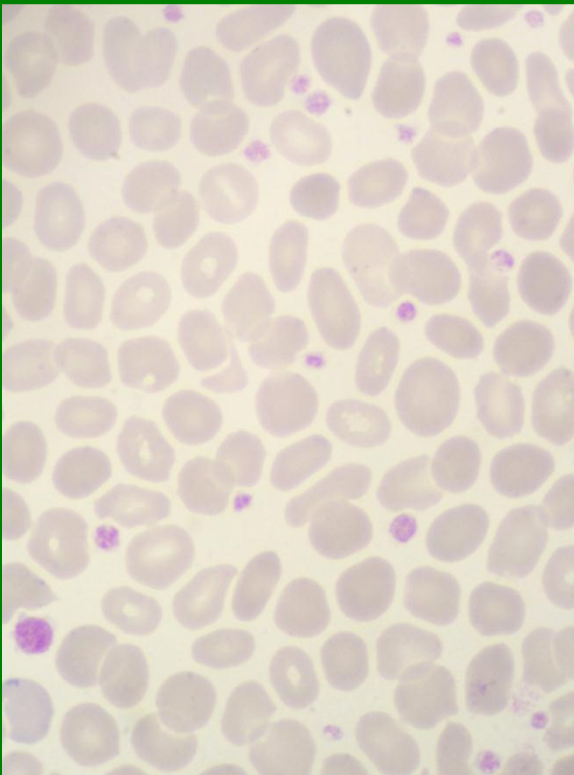
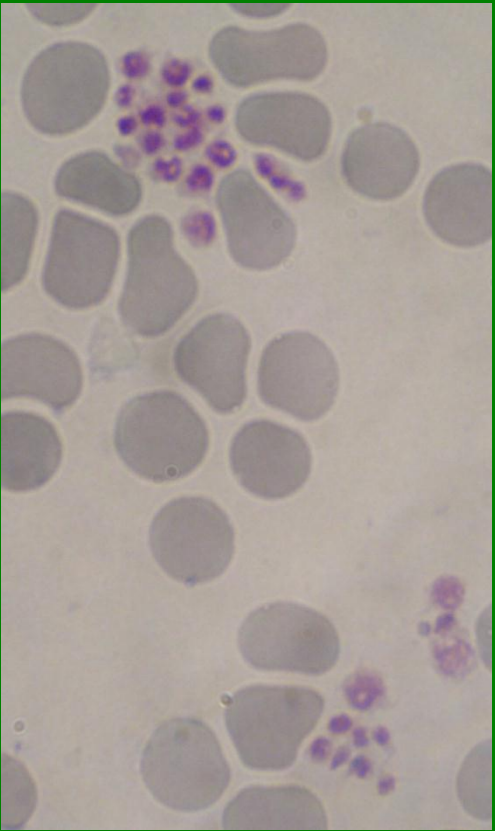
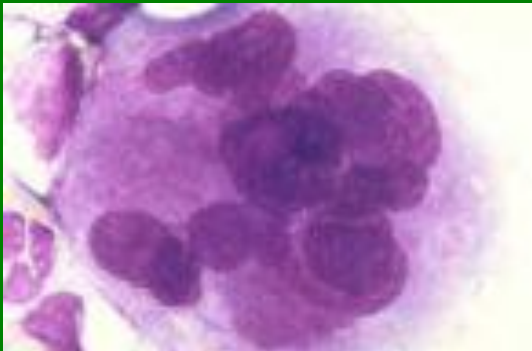
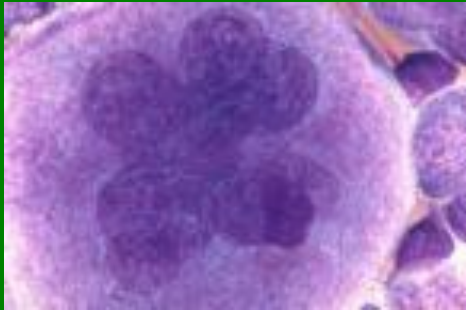
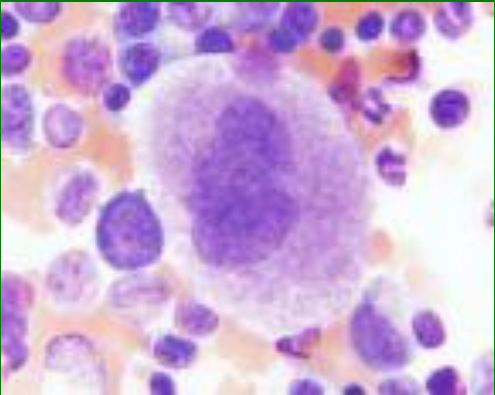
Lymfocyty



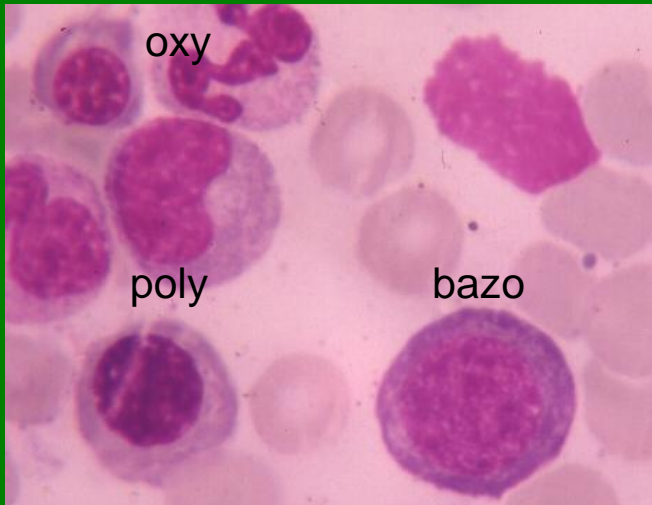
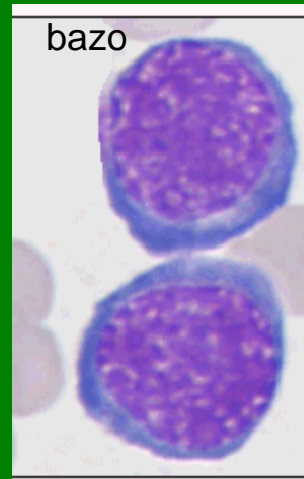
Plazmatická buňka



Megakaryocyty, PLT

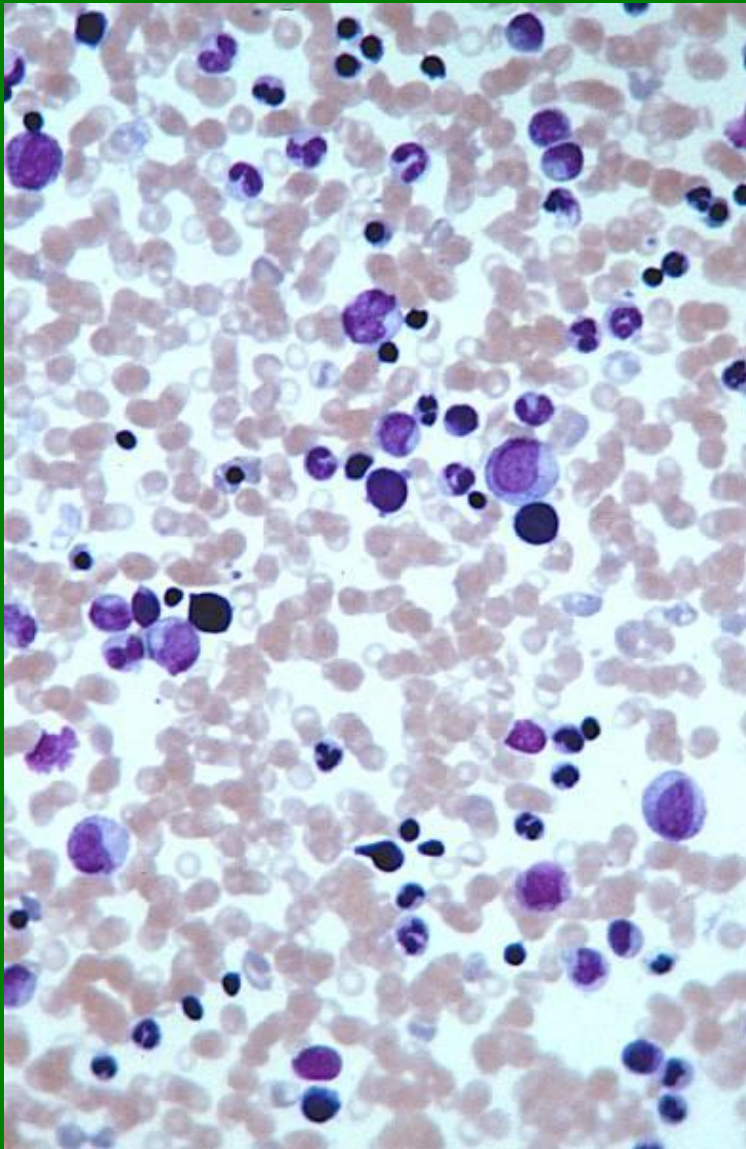


NRBC



Kostní dřeň - buněčnost

normální



vysoká

