

Blood fluids and Blood

→ Hemopoiesis

Hematopoiesis is a greek word -

Heam - Blood

Poeisis - formation

It is also known as hematogenesis, hemogenesis and hematopoiesis.

- * The process of formation of blood cells, i.e. RBCs, WBCs and platelets is called hematopoiesis and the sites where it occurs are known as hematopoietic tissue or organs (bone marrow, liver and spleen).

→ Erythropoiesis → Formation of RBC's.

Developed in fetus → Yolk sac → Liver & Spleen (week three)

2 to 3 months

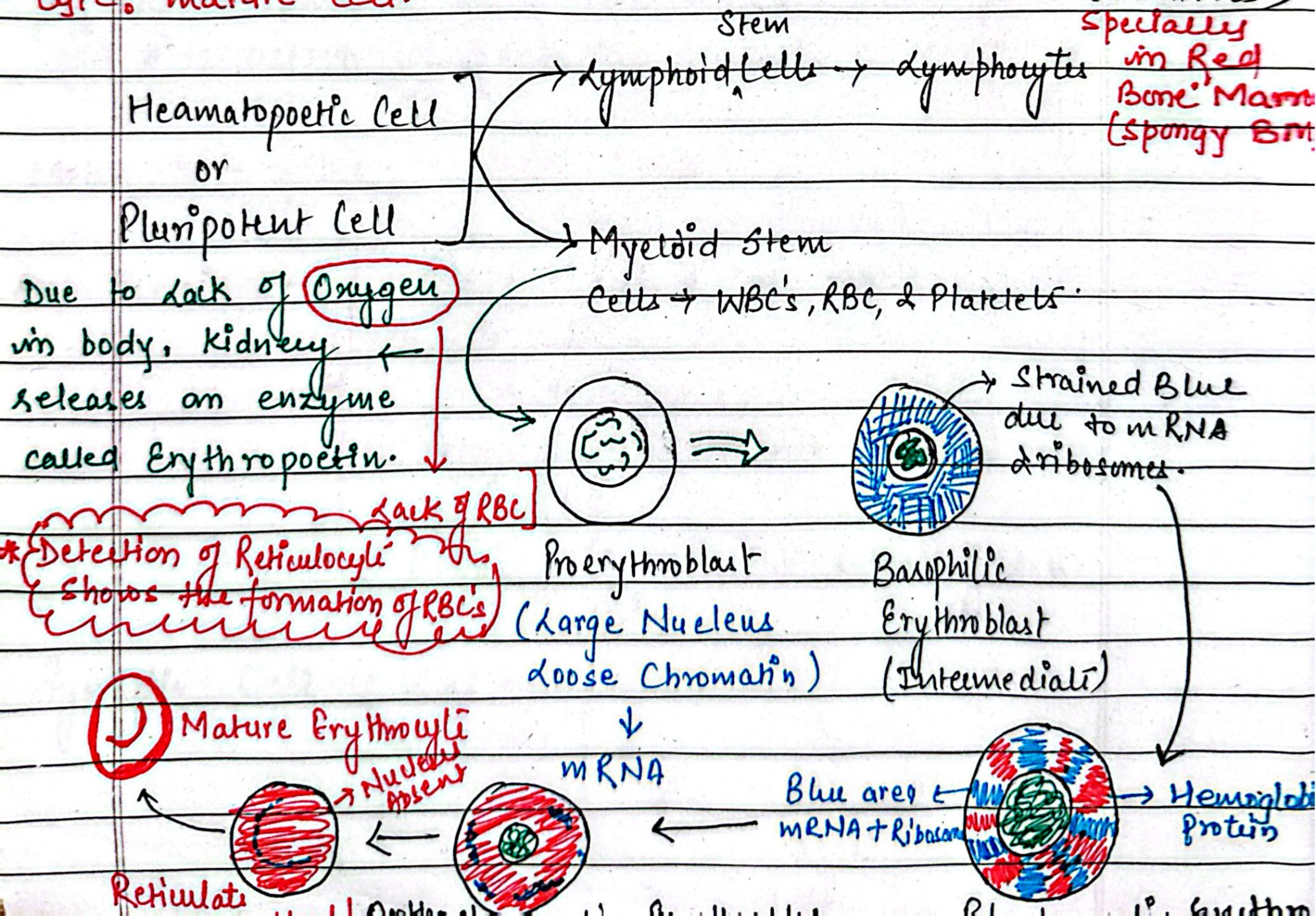
Blasts: Proliferation of cells

Cyte: mature cell.

Bone marrow

(5 months)

Specially in Red Bone Marrow (Spongy Bm)



- Nucleus Changes
- Cell Size Changes.
- Cytoplasm Change.

Requirement - Fe^{2+} (iron), Folic Acid, Vit B₁₂, Fats & Amino acids, Carbohydrates.

