Unit 3: Leukocytes
Learning Objectives

At the end of this unit, the student should be able to:

1. Define myelopoiesis
2. List the three series of granulocytes.
3. List the stages of differentiation and maturation of granulocytes
4. Describe the changes in cytoplasm, nucleus and cell size that occur in the maturation of the myelocytic series.
5. Describe the function of mature neutrophils, eosinophils, basophils, and monocytes.
7. List the maturation sequence of the monocytic series.
8. List the sites of lymphocytic production, proliferation and maturation.
9. List the 3 subpopulations of lymphocytes and state their functions.
10. Characterize primary and secondary lymphoid tissue.
11. Define antibody and antigen.
12. List the maturation sequence of the lymphocytic series.
13. Differentiate between large lymphocytes and monocytes.
14. Describe variant lymphs and list general characteristics.
15. List other terms used to describe variant lymphs.
16. Describe plasma cells and state their function.
17. List 2 variant forms of plasma cells.