

Cell Types

1. Cell that produces mucous, often in simple columnar and pseudostratified columnar epithelium. Shaped like wine glass
 2. Cell that produces fibers and ground substance that forms the matrix of fibrous connective tissue
 3. Phagocytic cell that wanders through connective tissue and engulfs and destroys bacteria
 4. Largest WBC; present in inflammation and viral infections. Highly phagocytic Antigen-Presenting-Cell
 5. Least abundant WBC that spends most time in connective tissue and defends against infection and disease
 6. B-cell lymphocyte in presence of foreign agents that synthesizes antibodies
 7. Cell that secretes heparin and histamine
 8. Fat cells that appear in small clusters in some fibrous connective tissue
 9. Cell that secretes matrix of cartilage tissue, until trapped in cavities called lacunae, then become chondrocytes
 10. Cartilaginous cell enclosed inside the lacunae.
 11. Bone-forming cells that deposit bone matrix
 12. Bone cell enclosed by its own matrix, trapped in lacunae
 13. Macrophage of bone surface, dissolves matrix and returns minerals of bone to extracellular fluid
 14. Red Blood Cell, transports oxygen and carbon dioxide
 15. Formed element of blood-plays large role in blood clotting
 16. Nerve cells that communicate with electrical and chemical signals
 17. Neuroglia to protect and assist neurons
 18. Cell of cardiac and smooth muscle
 19. Indifferentated cells not yet specifying a function, but with the potential to develop into any type of fully differentiated human cell
- A. Chondroblast
 - B. Monocyte
 - C. Ependymal Cell
 - D. Glial cells
 - E. Keratinocytes
 - F. Myocyte
 - G. Adipocyte
 - H. Neuron
 - I. Platelet
 - J. Leukocyte
 - K. Osteoblast
 - L. Chondrocyte
 - M. Osteoclast
 - N. Dendritic Cell
 - O. Erythrocyte
 - P. Melanocytes
 - Q. Stem Cell
 - R. Tactile cell
 - S. Plasma Cell

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| 20. Majority of epidermal cells; cells that synthesize keratin | T. Macrophage |
| 21. Produce melanin | U. Oligodendrocyte |
| 22. Receptor cell for touch | V. Goblet Cell |
| 23. Immune cells in the epidermis, Antigen-Presenting-Cell, uses receptor-mediated endocytosis | W. Schwann Cell |
| 24. Principle glia of the PNS-support neurons in the PNS | X. Mast Cell |
| 25. Cell that myelinates the brain and spinal cord (CNS) | Y. Osteocyte |
| 26. Cell that secretes and circulates cerebrospinal fluid | Z. Fibroblast |