

# Anatomy Study Guide

## Chapter 3 – Cells

1. Study any Quizlets made for chapter 3.
2. Know the aids to understanding words.
3. Be able to match organelles of a composite cell with their functions.
4. Describe the chemical structure of a cell membrane.
5. Have complete understanding of the cell cycle: description, diagrams, labels, etc.
6. Identify transport mechanisms by their descriptions.
7. Know/Apply the following terms:
  - Active transport
  - Anaphase
  - Apoptosis
  - Cell adhesion
  - Composite cell
  - Cytokinesis
  - Cytoplasm
  - Cytoplasmic division
  - Cytoskeleton
  - Cytosol
  - Differentiation
  - Diffusion
  - Endocytosis
  - Exocytosis
  - Facilitated diffusion
  - Filtration
  - Hydrostatic pressure
  - Hypertonic
  - Hypotonic
  - Interphase
  - Isotonic
  - Metaphase
  - Mitosis
  - Osmosis
  - Passive transport
  - Phagocytes
  - Phospholipid bilayer
  - Pinocytosis
  - Progenitor cells
  - Prophase
  - Semi-permeable membrane
  - Stem cells
  - Telophase
  - Transcytosis