

Biology Study Guide

Chapter 3 – Introduction to Cells

1. Study any Quizlets made for chapter 3.
2. Know the 6 scientists in the chapter and their discovery.
3. Be able to match cellular functions and processes. (chart on page 58)
4. Know/Apply the following terms:
 - Absorption
 - Active transport
 - Cell membrane
 - Cell theory
 - Cellulose
 - Chloroplast
 - Chloroplasts
 - Colonial organisms
 - Contractile vacuole
 - Cytology
 - Cytolysis
 - Cytoplasm
 - Eukaryotic cell
 - Facilitated diffusion
 - Flagella
 - Golgi apparatus
 - Homeostasis
 - Hypertonic
 - Hypotonic
 - Isotonic
 - Leucoplast
 - Limit of tolerance
 - Lysosome
 - Mitochondrion
 - Nucleus
 - Optimal point
 - Optimal range
 - Organ
 - Passive transport
 - Phagocytosis
 - Pinocytosis
 - Prokaryotic cell
 - Proteins
 - Range of tolerance
 - Ribosome
 - Rough endoplasmic reticulum
 - Smooth endoplasmic reticulum
 - Turgor pressure
 - Vacuoles