

Chapter 5

Cells and Tissues

Main Terms:

Anatomy-

Physiology-

Embryology-

Histology-

Biology-

Body Organization:

Cells

Tissues

Organs

Organ Systems

Organism

Eukaryotic Cells

Eukaryotic cells-

Nucleus

Nucleolus

Cell Membrane

Ribosome

Endoplasmic Reticulum

Golgi Apparatus

Lysosome

Mitochondria

Types of Tissues

Epithelial

- Endothelium

- Mesothelium

- Simple

- Stratified

- Pseudostratified

- Squamous

- Cuboidal

- Columnar

- Transitional

Connective

- Bone

- Cartilage

- Dense fibrous

- Reticular

- Loose, ordinary

- Adipose

- Hematopoietic

Muscle

Skeletal

Striated

Voluntary

Smooth

Nonstriated

Cardiac

Nervous

Neurons

Organ Systems

Skeletal

Muscular

Integumentary

Cardiovascular

Respiratory

Gastrointestinal

Urogenital

Endocrine

Nervous

Immune

Special Senses