

## Ch.33 - Animal Tissues & Organ Systems

**NOTE:** EVERYTHING in this chapter is important. These terms will be used throughout the next 11 chapters.

### ½. Meerkats, Humans – it's all the same

- a-List the 4 types of animal tissue.
- b-List the 4 main jobs of the animal organ systems.

#### 1. Epithelial Tissue (33.1)

- a-List and describe the 3 types of epithelial tissue.
- b-List and describe the 3 types of animal cell junctions.
- c-Label the 3 type of cell junctions. →
- d-Explain the difference between the 2 types of glands.

#### 2. Connective Tissue (33.2)

- a-Describe what all connective tissues have in common.
- b-List, explain and give examples of the 3 types (include subtypes as well) of connective tissue.

#### 3. Muscle Tissue (33.3)

- a-List and describe the 3 types of muscle tissue. In what ways are they alike? In what ways do they differ?
- b-Sketch and label the arrangement of a typical skeletal muscle.
- c-Label the 3 types of muscle. →

#### 4. Nervous Tissue (33.4)

- a-List & describe the 2 types of nervous tissue cells.

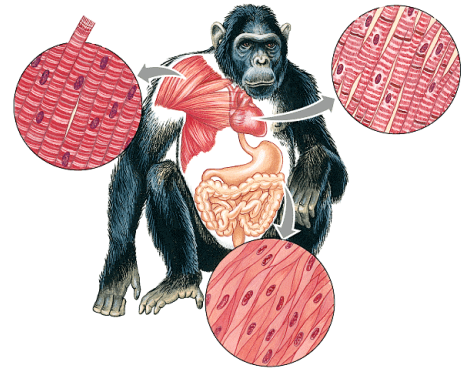
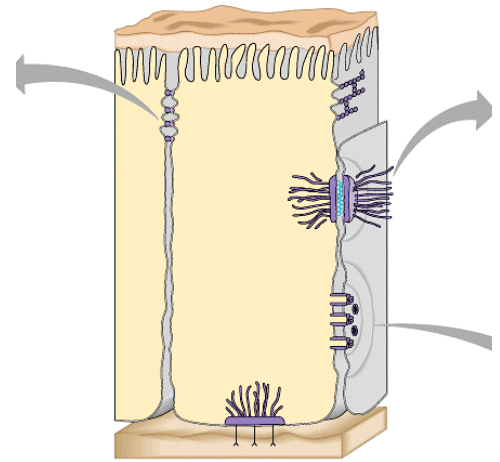
#### 5. Focus on Science: Frontiers in Tissue Research (33.5)

- a-*Briefly* describe this research.

#### 6. Organ Systems (33.6)

- a-Make a table to show the following: the major organ systems; their functions; and, the organs they include. (There may be some overlap.)
- b-Sketch any 4-legged creature, and label all the appropriate planes.
- c-Sketch a person (anyone), and label all the appropriate planes.

#### 7. Take the Self-quiz. →



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#### 7. Self-quiz

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