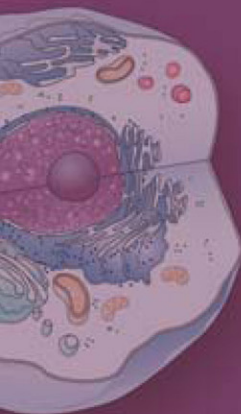


SELECTED KEY TERMS

The following terms and other boldface terms in the chapter are defined in the Glossary

anabolism
anatomy
ATP
catabolism
cell
disease
dissect
feedback
gram
homeostasis
liter
metabolism
meter
organ
pathology
physiology
system
tissue



LEARNING OUTCOMES

After careful study of this chapter, you should be able to:

1. Define the terms *anatomy*, *physiology*, and *pathology*
2. Describe the organization of the body from chemicals to the whole organism
3. List 11 body systems and give the general function of each
4. Define *metabolism* and name the two phases of metabolism
5. Briefly explain the role of ATP in the body
6. Differentiate between extracellular and intracellular fluids
7. Define and give examples of homeostasis
8. Compare negative feedback and positive feedback
9. List and define the main directional terms for the body
10. List and define the three planes of division of the body
11. Name the subdivisions of the dorsal and ventral cavities
12. Name and locate subdivisions of the abdomen
13. Name the basic units of length, weight, and volume in the metric system
14. Define the metric prefixes *kilo-*, *centi-*, *milli-*, and *micro-*
15. Show how word parts are used to build words related to the body's organization (see Word Anatomy at the end of the chapter)

