
Further Readings for Ch. 3

- Caret, R. L., et al. 1997. *Principles and applications of organic and biological chemistry*. 2d ed. Dubuque, Ia.: Wm. C. Brown Publishers. For undergraduates, this text emphasizes material unique to health-related studies.
- Chang, R. 2001. *Chemistry*. 7th ed. Dubuque, Ia.: McGraw-Hill. This general chemistry text provides a foundation in chemical concepts and principles, and presents topics clearly.
- Chapman, C. 1999. *Basic chemistry for biology*. 2d ed. Dubuque, Ia.: WCB/McGraw-Hill. The goal of this workbook is to provide a review of basic principles for biology students.
- Ezzell, C. April 2002. Proteins rule. *Scientific American* 286(4):41. Article discusses research concerning the human proteome, which is all the proteins made by human cells.
- Ford, B. J. April 1998. The earliest views. *Scientific American* 278(4):50. Presents experiments of early microscopists.
- Gerstein, M., and Levitt, M. November 1998. Simulating water and the molecules of life. *Scientific American* 279(5):100. Computer models show how water affects the structure and movement of proteins and other biological molecules.
- Goldberg, A. L., et al. January 2001. The cellular chamber of doom. *Scientific American* 284(1):68. Proteasomes in cells break down proteins, but when proteins are not broken down correctly, serious diseases may result.
- Nemecek, S. October 1997. Gotta know when to fold 'em. *Scientific American* 277(4):28. Details about how proteins fold are discussed.
- Ross, F. C. 1997. *Foundation of allied health sciences: An introduction to chemistry and cell biology*. Dubuque, Ia.: Wm. C. Brown Publishers. This introductory text provides the background necessary for students in allied health sciences.
- Schwartz, A. T., et al. 1997. *Chemistry in context: Applying chemistry to society*. 2d ed. Dubuque, Ia.: Wm. C. Brown Publishers. This introductory text is designed for students in the allied health fields.
- Zubay, G. L. 1998. *Biochemistry*. 4th ed. Dubuque, Ia.: Wm. C. Brown Publishers. This text for chemistry majors relates biochemistry to cell biology, physiology, and genetics.