
Further Readings for Ch. 4

- Cooper, G. M. 1997. *The cell: A molecular approach*. Sunderland, Mass.: Sinauer Associates, Inc. This text is for those beginning coursework in cell and molecular biology.
- de Duve, C. Spring 2001. The birth of complex cells. *Scientific American Anthology*, page 63. This article contains illustrations of the cell and its various structures, and discusses the evolution of a eukaryotic cell.
- 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.
- Gibbs, W. W. August 2001. Cybernetic cells. *Scientific American* 285(2):52. Supercomputer models may never perfectly simulate the behavior of the simple, living cell; however, even imperfect models reveal much about cellular biology.
- 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.
- Ingber, D. E. January 1998. The architecture of life. *Scientific American* 278(1):48. Simple mechanical rules may govern cell movements, tissue organization, and organ development.
- 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.
- Scott, J. D., and Pawson, T. June 2000. Cell communication: The inside story. *Scientific American* 282(6):72. Understanding how cells communicate may help in the development of new therapies to treat serious disorders.
- Sperelakis, N., editor. 2001. *Cell physiology source book*. 3rd ed. San Diego: Academic Press. For advanced biology students, this is a comprehensive and authoritative text covering topics in cell physiology written by experts in the field.
- 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.