
Further Readings for Ch. 10

- Berns, M. W. April 1998. Laser scissors and tweezers. *Scientific American* 278(62):4. New laser techniques allow manipulation of chromosomes and other structures inside cells.
- Miller, R. V. January 1998. Bacterial gene swapping in nature. *Scientific American* 278(1):66. The study of the process of DNA exchange between bacteria can help limit the risks of releasing genetically engineered microbes into the environment.
- Scientific American* 280(4):59–89. April 1999. The promise of tissue engineering. Much of the issue examines the hopes and challenges of tissue engineering for use in gene therapy and for the growth of new organs.
- Stix, G. October 1997. Growing a new field. *Scientific American* 277(4):15. Tissue engineers try to grow organs in the laboratory.
- 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.
- Rieder, C., et al. 1999. *Methods in cell biology, volume 61: Mitosis and meiosis*. San Diego, CA: Academic Press. This is a practical handbook for the study of mitosis and meiosis.
- Razin, S. 1997. *Nuclear matrix and special organization of chromosomal DNA domain*. Boca Raton, FL: Chapman and Hall Publishing. The first section of this text discusses the structural and functional organization of eukaryotic cells.