

Biomolecules (BIO2045M)

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Berg, Jeremy M., Lubert Stryer, Gregory J. Gatto, John L. Tymoczko, and Gregory J. Gatto. 2015. *Biochemistry*. 8th ed. New York: W.H. Freeman.

Bhutani, S. P. 2009. *Chemistry of Biomolecules*. New Delhi: Ane Books Pvt. Ltd.

Bloomfield, V. A., Donald M. Crothers, and Ignacio Tinoco. 2000. *Nucleic Acids: Structures, Properties, and Functions*. Sausalito, Calif: University Science Books.

Blow, D. M. 2002. *Outline of Crystallography for Biologists*. Oxford: Oxford University Press.

Branden, Carl, and John Tooze. 1999. *Introduction to Protein Structure*. 2nd ed. New York: Garland Science.

Buehler, Lukas K. 2016. *Cell Membranes*. New York: Garland Science.

Cornish-Bowden, Athel. 2012. *Fundamentals of Enzyme Kinetics*. Ebook. 4th, completely revised and greatly enlarged edition ed. Weinheim: Wiley-Blackwell.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527665488>.

Davis, Benjamin G., and Antony J. Fairbanks. 2002. *Carbohydrate Chemistry*. Vol. Oxford chemistry primers. Oxford: Oxford University Press.

Dobson, C. M., Juliet A. Gerrard, and A. J. Pratt. 2001. *Foundations of Chemical Biology*. Vol. Oxford chemistry primers. Oxford: Oxford University Press.

Drenth, Jan, and Jeroen Mesters. 2010. *Principles of Protein X-Ray Crystallography*. Third edition. New York: Springer.
<https://ebookcentral.proquest.com/lib/ulinc/detail.action?docID=6314854>.

Fersht, Alan. 1999. *Structure and Mechanism in Protein Science: A Guide to Enzyme Catalysis and Protein Folding*. New York: W. H. Freeman.

Gèunther, H. 2013. *NMR Spectroscopy: Basic Principles, Concepts, and Applications in Chemistry*. Ebook. Third, Completely revised and Updated edition. Weinheim, Germany: Wiley-VCH.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527674756>.

Hammes, Gordon G. 2000. *Thermodynamics and Kinetics for the Biological Sciences*. New

York: Wiley-Interscience.

Jones, John. 2002. Amino Acid and Peptide Synthesis. 2nd ed. Vol. Oxford chemistry primers. Oxford: Oxford University Press.

Keeler, James. 2010. Understanding NMR Spectroscopy. Second edition. Chichester: Wiley.

Keller, Andreas, and Eckart Meese, eds. 2015. Nucleic Acids as Molecular Diagnostics. Ebook. Weinheim, Germany: Wiley-VCH.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527672233>.

Liljas, Anders. 2009. Textbook of Structural Biology. Hackensack, N.J.: World Scientific Publishing.

Moran, Anthony P., Otto Holst, Patrick J. Brennan, and Mark von Itzstein. 2009. Microbial Glycobiology: Structures, Relevance and Applications. Ebook. Amsterdam: Academic.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080923246>.

Nelson, David L., Michael M. Cox, and Albert L. Lehninger. 2008. Lehninger Principles of Biochemistry. 5th ed. New York: W. H. Freeman.

Papachristodoulou, Despo K., Alison Snape, William H. Elliott, and Daphne C. Elliott. 2014. Biochemistry and Molecular Biology. Fifth edition. Oxford: Oxford University Press.

Patrick, Graham L. 2017. An Introduction to Medicinal Chemistry. Sixth edition. Oxford: Oxford University Press.

Petsko, Gregory A., and Dagmar Ringe. 2009. Protein Structure and Function. Vol. Primers in biology. Oxford: Oxford University Press.

Rhodes, Gale. 2006. Crystallography Made Crystal Clear: A Guide for Users of Macromolecular Models. Ebook. 3rd ed. Amsterdam: Elsevier/Academic Press.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080455549>.

Ridgway, Neale David, and Roger S. McLeod, eds. 2015. Biochemistry of Lipids, Lipoproteins and Membranes. Ebook. Sixth edition. Amsterdam: Elsevier Science.
<http://proxy.library.lincoln.ac.uk/login?url=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780444634498>.

Rupp, Bernhard. 2010. Biomolecular Crystallography: Principles, Practice, and Application to Structural Biology. New York: Garland Science.

Taylor, Maureen E., and Kurt Drickamer. 2011. Introduction to Glycobiology. Third edition. Oxford: Oxford University Press.

Varki, Ajit. 2009. Essentials of Glycobiology. Book; ebook. Cold Spring Harbor, N.Y.: Cold Spring Harbor Laboratory Press. <https://www.ncbi.nlm.nih.gov/books/NBK1908/>.

Voet, Donald, and Judith G. Voet. 2011. Biochemistry. 4th ed. Hoboken, N.J.: John Wiley.