

Biomolecules (BIO2045M)

[View Online](#)

Berg, J. M., Stryer, L., Gatto, G. J., Tymoczko, J. L., & Gatto, G. J. (2015). Biochemistry (8th ed). W.H. Freeman.

Bhutani, S. P. (2009). Chemistry of biomolecules. Ane Books Pvt. Ltd.

Bloomfield, V. A., Crothers, D. M., & Tinoco, I. (2000). Nucleic acids: structures, properties, and functions. University Science Books.

Blow, D. M. (2002). Outline of crystallography for biologists. Oxford University Press.

Branden, C., & Tooze, J. (1999). Introduction to protein structure (2nd ed). Garland Science.

Buehler, L. K. (2016). Cell membranes. Garland Science.

Cornish-Bowden, A. (2012). Fundamentals of enzyme kinetics (4th, completely revised and greatly enlarged edition edns) [Ebook]. Wiley-Blackwell.

<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527665488>

Davis, B. G., & Fairbanks, A. J. (2002). Carbohydrate chemistry: Vol. Oxford chemistry primers. Oxford University Press.

Dobson, C. M., Gerrard, J. A., & Pratt, A. J. (2001). Foundations of chemical biology: Vol. Oxford chemistry primers. Oxford University Press.

Drenth, J., & Mesters, J. (2010). Principles of protein X-ray crystallography (Third edition). Springer. <https://ebookcentral.proquest.com/lib/ulinc/detail.action?docID=6314854>

Fersht, A. (1999). Structure and mechanism in protein science: a guide to enzyme catalysis and protein folding. W. H. Freeman.

Günther, H. (2013). NMR spectroscopy: basic principles, concepts, and applications in chemistry (Third, completely revised and updated edition) [Ebook]. Wiley-VCH.
<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527674756>

Hammes, G. G. (2000). Thermodynamics and kinetics for the biological sciences. Wiley-Interscience.

Jones, J. (2002). Amino acid and peptide synthesis: Vol. Oxford chemistry primers (2nd ed).

Oxford University Press.

Keeler, J. (2010). Understanding NMR spectroscopy (Second edition). Wiley.

Keller, A., & Meese, E. (Eds). (2015). Nucleic acids as molecular diagnostics [Ebook]. Wiley-VCH.

<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9783527672233>

Liljas, A. (2009). Textbook of structural biology. World Scientific Publishing.

Moran, A. P., Holst, O., Brennan, P. J., & Itzstein, M. von. (2009). Microbial glycobiology: structures, relevance and applications [Ebook]. Academic.

<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080923246>

Nelson, D. L., Cox, M. M., & Lehninger, A. L. (2008). Lehninger principles of biochemistry (5th ed). W. H. Freeman.

Papachristodoulou, D. K., Snape, A., Elliott, W. H., & Elliott, D. C. (2014). Biochemistry and molecular biology (Fifth edition). Oxford University Press.

Patrick, G. L. (2013). An introduction to medicinal chemistry (Fifth edition). Oxford University Press.

Petsko, G. A., & Ringe, D. (2009). Protein structure and function: Vol. Primers in biology. Oxford University Press.

Rhodes, G. (2006). Crystallography made crystal clear: a guide for users of macromolecular models (3rd ed) [Ebook]. Elsevier/Academic Press.

<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780080455549>

Ridgway, N. D., & McLeod, R. S. (Eds). (2015). Biochemistry of lipids, lipoproteins and membranes (Sixth edition) [Ebook]. Elsevier Science.

<http://proxy.library.lincoln.ac.uk/login?url=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780444634498>

Rupp, B. (2010). Biomolecular crystallography: principles, practice, and application to structural biology. Garland Science.

Taylor, M. E., & Drickamer, K. (2011). Introduction to glycobiology (Third edition). Oxford University Press.

Varki, A. (2009). Essentials of glycobiology [Book; ebook]. Cold Spring Harbor Laboratory Press. <https://www.ncbi.nlm.nih.gov/books/NBK1908/>

Voet, D., & Voet, J. G. (2011). Biochemistry (4th ed). John Wiley.