

Biomolecules (BIO2045M)

[View Online](#)

-
1.

Berg, J. M., Stryer, L., Gatto, G. J., Tymoczko, J. L. & Gatto, G. J. Biochemistry. (W.H. Freeman, New York, 2015).
 2.

Voet, D. & Voet, J. G. Biochemistry. (John Wiley, Hoboken, N.J., 2011).
 3.

Bhutani, S. P. Chemistry of Biomolecules. (Ane Books Pvt. Ltd, New Delhi, 2009).
 4.

Bloomfield, V. A., Crothers, D. M. & Tinoco, I. Nucleic Acids: Structures, Properties, and Functions. (University Science Books, Sausalito, Calif, 2000).
 5.

Cornish-Bowden, A. Fundamentals of Enzyme Kinetics. (Wiley-Blackwell, Weinheim, 2012).
 6.

Branden, C. & Tooze, J. Introduction to Protein Structure. (Garland Science, New York, 1999).

7.

Buehler, L. K. Cell Membranes. (Garland Science, New York, 2016).

8.

Drenth, J. & Mesters, J. Principles of Protein X-Ray Crystallography. (Springer, New York, 2010).

9.

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

10.

Gèunther, H. NMR Spectroscopy: Basic Principles, Concepts, and Applications in Chemistry. (Wiley-VCH, Weinheim, Germany, 2013).

11.

Hammes, G. G. Thermodynamics and Kinetics for the Biological Sciences. (Wiley-Interscience, New York, 2000).

12.

Nelson, D. L., Cox, M. M. & Lehninger, A. L. Lehninger Principles of Biochemistry. (W. H. Freeman, New York, 2008).

13.

Patrick, G. L. An Introduction to Medicinal Chemistry. (Oxford University Press, Oxford, 2013).

14.

Papachristodoulou, D. K., Snape, A., Elliott, W. H. & Elliott, D. C. Biochemistry and Molecular Biology. (Oxford University Press, Oxford, 2014).

15.

Rhodes, G. Crystallography Made Crystal Clear: A Guide for Users of Macromolecular Models. (Elsevier/Academic Press, Amsterdam, 2006).

16.

Varki, A. Essentials of Glycobiology. (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y., 2009).

17.

Blow, D. M. Outline of Crystallography for Biologists. (Oxford University Press, Oxford, 2002).

18.

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

19.

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

20.

Jones, J. Amino Acid and Peptide Synthesis. vol. Oxford chemistry primers (Oxford University Press, Oxford, 2002).

21.

Keeler, J. Understanding NMR Spectroscopy. (Wiley, Chichester, 2010).

22.

Nucleic Acids as Molecular Diagnostics. (Wiley-VCH, Weinheim, Germany, 2015).

23.

Liljas, A. Textbook of Structural Biology. (World Scientific Publishing, Hackensack, N.J., 2009).

24.

Moran, A. P., Holst, O., Brennan, P. J. & Itzstein, M. von. Microbial Glycobiology: Structures, Relevance and Applications. (Academic, Amsterdam, 2009).

25.

Petsko, G. A. & Ringe, D. Protein Structure and Function. vol. Primers in biology (Oxford University Press, Oxford, 2009).

26.

Dobson, C. M., Gerrard, J. A. & Pratt, A. J. Foundations of Chemical Biology. vol. Oxford chemistry primers (Oxford University Press, Oxford, 2001).

27.

Biochemistry of Lipids, Lipoproteins and Membranes. (Elsevier Science, Amsterdam, 2015).

28.

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