

L3 Biochemistry

Recommended reading for L3 Biochemistry 3A & 3B. BIOL4009 & BIOL4010

View Online



[1]

J. M. Berg, J. L. Tymoczko, G. J. Gatto, and L. Stryer, Biochemistry, Eighth edition. New York, NY: W.H. Freeman & Company, 2015.

[2]

B. Alberts, Molecular biology of the cell, Sixth edition. New York: Garland Science, 2015.

[3]

M. P. Williamson, How proteins work. New York, N.Y.: Garland Science, 2012 [Online]. Available:
<http://ezproxy.lib.gla.ac.uk/login?url=https://www.taylorfrancis.com/books/9780429061844>

[4]

M. R. F. Aitken, B. Broadhurst, and S. B. Hladky, Mathematics for biological scientists. New York: Garland Science, 2010.

[5]

Jeremy M Berg, 'Biochemistry', 2002. [Online]. Available:
<https://www.ncbi.nlm.nih.gov/books/NBK21154/?depth=2>

[6]

H. F. Lodish, Molecular cell biology, 7th ed., International ed. New York: W.H. Freeman and Company, 2013.

[7]

A. L. Lehninger, D. L. Nelson, and M. M. Cox, Lehninger principles of biochemistry, 6th ed. New York, N.Y.: W.H. Freeman, 2013.

[8]

C. K. Mathews, Biochemistry, 4th ed. Toronto, Ont: Pearson, 2013.

[9]

D. Voet and J. G. Voet, Biochemistry, 4th ed. Hoboken, N.J.: John Wiley & Sons, Inc, 2011.

[10]

R. H. Garrett, C. M. Grisham, and M. Sabat, Biochemistry, 5th International ed. Australia: Brooks/Cole Cengage Learning, 2013.

[11]

I. D. Campbell and Askews & Holts Library Services, Biophysical techniques. Oxford: Oxford University Press, 2012 [Online]. Available:
<https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9780191666148>

[12]

'Gel Electrophoresis'. [Online]. Available: <http://learn.genetics.utah.edu/content/labs/gel/>

[13]

'SDS PAGE'. [Online]. Available: http://www.virtual-labs.leeds.ac.uk/pres/SDS_PAGE/

[14]

'Molecular Cloning: Basics and Applications | Protocol'. [Online]. Available: <https://www.jove.com/science-education/5074/molecular-cloning>

[15]

N. C. Price and J. Nairn, Exploring proteins: a student's guide to experimental skills and methods. Oxford: Oxford University Press, 2009.

[16]

'Course: Group B common material All students 16-17 , Topic: Molecular Genetic Methods Lectures'. [Online]. Available: <http://moodle2.gla.ac.uk/course/view.php?id=9143§ion=2>

[17]

'Course: Group B common material All students 16-17 , Topic: Proteins Lectures'. [Online]. Available: <http://moodle2.gla.ac.uk/course/view.php?id=9143§ion=4>

[18]

'Kevin B. Jones: Why curiosity is the key to science and medicine : TED.com : Free Download & Streaming : Internet Archive'. [Online]. Available: https://archive.org/details/KevinJones_2015X

[19]

'L3 B CTM Biochem, Genetics & MCB: Gould lectures'. [Online]. Available: <http://moodle2.gla.ac.uk/mod/folder/view.php?id=122085>

[20]

'Cell Membranes'. 8AD [Online]. Available: <https://www.youtube.com/watch?v=y31DIJ6uGgE>

[21]

'Cell Membrane Overview - YouTube'. [Online]. Available:
<https://www.youtube.com/playlist?list=PLbKSbFnKYVY3nhcxSp8RFFJK7p4Bur1Nj>

[22]

'Welcome to Kusumi Lab (Kyoto-univ)'. [Online]. Available:
<http://www.nanobio.frontier.kyoto-u.ac.jp/lab/e.html>

[23]

'exocytosis: vesicular transport'. 10AD [Online]. Available:
<https://www.youtube.com/watch?v=2rRN1bKQYxQ>

[24]

'Clathrin Mediated Endocytosis by Janet Iwasa and Tom Kirchhausen 2012'. 18AD [Online]. Available: https://www.youtube.com/watch?v=o_EUHu4OJus

[25]

'Clathrin adaptor proteins Top # 14 Facts'. Oct. 27, 2015 [Online]. Available:
<https://www.youtube.com/watch?v=cwFQNR7T3PU>

[26]

G. W. Gould and J. Lippincott-Schwartz, 'New roles for endosomes: from vesicular carriers to multi-purpose platforms', *Nature Reviews Molecular Cell Biology*, vol. 10, no. 4, pp. 287–292, Apr. 2009, doi: 10.1038/nrm2652.

[27]

M. Tomishige, Y. Sako, and A. Kusumi, 'Regulation Mechanism of the Lateral Diffusion of Band 3 in Erythrocyte Membranes by the Membrane Skeleton', *Journal of Cell Biology*, vol. 142, no. 4, pp. 989–1000, Aug. 1998, doi: 10.1083/jcb.142.4.989. [Online]. Available: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2132872/?tool=pmcentrez>

[28]

'Introduction to Membrane Transport'. 30AD [Online]. Available:
<https://www.youtube.com/watch?v=veserg9SrtU>

[29]

'University of Glasgow - Information for current students - Graduate Attributes'. [Online]. Available: <http://www.gla.ac.uk/students/attributes/>

[30]

'Informed job searches'. [Online]. Available:
http://www.sciencemag.org/sites/default/files/documents/the_informed_job_search.pdf

[31]

'Course: LinkedIn and graduate attributes'. [Online]. Available:
<http://moodle2.gla.ac.uk/course/view.php?id=6149>

[32]

'LifeSkills | Developing work and life skills'. [Online]. Available:
<https://www.barclayslifeskills.com/>

[33]

'University of Glasgow - Colleges - College of Social Sciences - Information for current students - Employability - Programmes - Graduate Skills Programme (GSP) - Your ePortfolio'. [Online]. Available:
<http://www.gla.ac.uk/colleges/socialsciences/students/employability/programmes/gsp/yourportfolio/>

[34]

'University of Glasgow - Services A-Z - Careers Service - Applying for work - CVs'. [Online]. Available: <https://www.gla.ac.uk/myglasgow/careers/cvsandapplications/cvs/>

[35]

'University of Glasgow - Services A-Z - Careers Service - Applying for work - Application forms'. [Online]. Available:
<https://www.gla.ac.uk/myglasgow/careers/cvsandapplications/applicationforms/>

[36]

'Course: Group B common material Biochemistry & MCB only 16-17, Topic: Bioenergetics'. [Online]. Available: <http://moodle2.gla.ac.uk/course/view.php?id=9144§ion=2>

[37]

V. R. Preedy and R. R. Watson, Comprehensive handbook of alcohol related pathology. San Diego, Calif: Elsevier Academic, 2005 [Online]. Available:
<https://ezproxy.lib.gla.ac.uk/login?url=https://www.sciencedirect.com/science/book/9780125643702>