

L3 Biochemistry

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

View Online



1.

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

2.

Alberts, B. Molecular biology of the cell. (Garland Science, 2015).

3.

Williamson, M. P. How proteins work. (Garland Science, 2012).

4.

Aitken, M. R. F., Broadhurst, B. & Hladky, S. B. Mathematics for biological scientists. (Garland Science, 2010).

5.

Jeremy M Berg. Biochemistry. <https://www.ncbi.nlm.nih.gov/books/NBK21154/?depth=2> (2002).

6.

Lodish, H. F. Molecular cell biology. (W.H. Freeman and Company, 2013).

7.

Lehninger, A. L., Nelson, D. L. & Cox, M. M. Lehninger principles of biochemistry. (W.H. Freeman, 2013).

8.

Mathews, C. K. Biochemistry. (Pearson, 2013).

9.

Voet, D. & Voet, J. G. Biochemistry. (John Wiley & Sons, Inc, 2011).

10.

Garrett, R. H., Grisham, C. M. & Sabat, M. Biochemistry. (Brooks/Cole Cengage Learning, 2013).

11.

Campbell, I. D. & Askews & Holts Library Services. Biophysical techniques. (Oxford University Press, 2012).

12.

Gel Electrophoresis. <http://learn.genetics.utah.edu/content/labs/gel/>.

13.

SDS PAGE. http://www.virtual-labs.leeds.ac.uk/pres/SDS_PAGE/.

14.

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

15.

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

16.

Course: Group B common material All students 16-17 , Topic: Molecular Genetic Methods Lectures. <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. <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. https://archive.org/details/KevinJones_2015X.

19.

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

20.

Cell Membranes. (8AD).

21.

Cell Membrane Overview - YouTube.

22.

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

23.

exocytosis: vesicular transport. (10AD).

24.

Clathrin Mediated Endocytosis by Janet Iwasa and Tom Kirchhausen 2012. (18AD).

25.

Clathrin adaptor proteins Top # 14 Facts. (2015).

26.

Gould, G. W. & Lippincott-Schwartz, J. New roles for endosomes: from vesicular carriers to multi-purpose platforms. *Nature Reviews Molecular Cell Biology* **10**, 287–292 (2009).

27.

Tomishige, M., Sako, Y. & Kusumi, A. Regulation Mechanism of the Lateral Diffusion of Band 3 in Erythrocyte Membranes by the Membrane Skeleton. *Journal of Cell Biology* **142**, 989–1000 (1998).

28.

Introduction to Membrane Transport. (30AD).

29.

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

30.

Informed job searches.

31.

Course: LinkedIn and graduate attributes.

<http://moodle2.gla.ac.uk/course/view.php?id=6149>.

32.

LifeSkills | Developing work and life skills. <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.

<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.

<https://www.gla.ac.uk/myglasgow/careers/cvsandapplications/cvs/>.

35.

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

36.

Course: Group B common material Biochemistry & MCB only 16-17, Topic: Bioenergetics.

<http://moodle2.gla.ac.uk/course/view.php?id=9144§ion=2>.

37.

Preedy, V. R. & Watson, R. R. Comprehensive handbook of alcohol related pathology. (Elsevier Academic, 2005).