

Human Biology Level 3

View Online



1.

Koeppen, B.M., Stanton, B.A. eds: Berne & Levy physiology. Elsevier, Philadelphia, PA (2018).

2.

Tortora, G.J., Derrickson, B., Tortora, G.J., Tortora, G.J.: Tortora's principles of anatomy & physiology. John Wiley & Sons, Inc, Hoboken, NJ (2017).

3.

Boron, W.F., Boulpaep, E.L.: Medical physiology: a cellular and molecular approach. Saunders/Elsevier, Philadelphia, Pa (2012).

4.

Hall, J.E.: Guyton and Hall textbook of medical physiology. Elsevier, Philadelphia, PA (2016).

5.

O'Dowd, G., Bell, S., Wright, S.: Wheater's functional histology: a text and colour atlas. Elsevier, Amsterdam (2023).

6.

Kierszenbaum, A.L., Tres, L.L.: Histology and cell biology: an introduction to pathology. Elsevier, Philadelphia, Pennsylvania (2016).

7.

Hammer, G.D., McPhee, S.J. eds: Pathophysiology of disease: an introduction to clinical medicine. McGraw-Hill, New York (2014).

8.

Home · BoB, <https://learningonscreen.ac.uk/ondemand>.

9.

Blaustein, M.P., Askews & Holts Library Services: Cellular physiology and neurophysiology. Elsevier/Mosby, Philadelphia, Pa (2012).

10.

The Origin of the Resting Membrane Potential - Tutorial,
<http://www.st-andrews.ac.uk/~wjh/neurotut/mempot.html>.

11.

Gibney, M.J., Lanham-New, S., Cassidy, A., Vorster, H.H. eds: Introduction to human nutrition. Wiley-Blackwell, Chichester, West Sussex (2009).

12.

Committee on Medical Aspects of Food Policy. Panel on Dietary Reference Values, Great Britain. Dept. of Health: Dietary reference values for food energy and nutrients for the United Kingdom: Report of the Panel on Dietary Reference Values of the Committee on Medical Aspects of Food Policy. HMSO, London (1991).

13.

British Nutrition Foundation - British Nutrition Foundation, <http://www.nutrition.org.uk/>.

14.

Obesity Action Scotland, <http://www.obesityactionsotland.org/>.

15.

S, V. et al: The Danish tax on saturated fat: why it did not survive. *European Journal of Clinical Nutrition*. 69,.

16.

Scientific Advisory Committee on Nutrition,
<https://www.gov.uk/government/groups/scientific-advisory-committee-on-nutrition>.

17.

Juan C. Calderón: The excitation–contraction coupling mechanism in skeletal muscle. *Biophysical Reviews*. 6, (2014). <https://doi.org/doi:10.1007/s12551-013-0135-x>.

18.

Levick, J.R.: *An introduction to cardiovascular physiology*. Hodder Arnold, London (2010).

19.

West, J.B.: *Respiratory physiology: the essentials*. Wolters Kluwer Health/Lippincott Williams & Wilkins, Philadelphia, Pa (2012).

20.

Hampton, J.R., Dawson Books: *The ECG made easy*. Churchill Livingstone/Elsevier, Oxford (2013).

21.

EKG | Electrocardiogram, <http://www.practicalclinicalskills.com/ekg.aspx>.

22.

Heart Murmurs and Sounds, <http://www.practicalclinicalskills.com/heart-murmurs.aspx>.

23.

Treadmill Stress Testing: Background, Indications and Contraindications, Technical Considerations.

24.

Ehrman, J.K., American College of Sports Medicine: ACSM's resource manual for Guidelines for exercise testing and prescription. Wolters Kluwer Health/Lippincott Williams & Wilkins, Philadelphia, Pa (2010).

25.

<https://www.brit-thoracic.org.uk/document-library/delivery-of-respiratory-care/spirometry/spirometry-in-practice/>,
<https://www.brit-thoracic.org.uk/document-library/delivery-of-respiratory-care/spirometry/spirometry-in-practice/>.

26.

Michael Grocott: High-altitude physiology and pathophysiology: implications and relevance for intensive care medicine. *Critical Care*. 11, (2007). <https://doi.org/doi:10.1186/cc5142>.

27.

Koeppen, B.M., Stanton, B.A.: *Renal physiology*. Elsevier Mosby, Philadelphia, PA (2012).

28.

Schmidt-Nielsen, K.: *How animals work*. Cambridge University Press, London (1972).

29.

Schmidt-Nielsen, K.: *Animal physiology: adaptation and environment*. Cambridge University Press, Cambridge (1983).

30.

Siegel, A., Sapru, H.N., Siegel, H.: *Essential neuroscience*. Wolters Kluwer, Philadelphia (2019).

31.

Kierszenbaum, A.L., Tres, L.L.: *Histology and cell biology: an introduction to pathology*. Elsevier/Saunders, Philadelphia, PA (2016).

32.

Lindemann, B.: Receptors and transduction in taste. *Nature*. 413, 219–225 (2001). <https://doi.org/10.1038/35093032>.

33.

Calvo, S.S.-C., Egan, J.M.: The endocrinology of taste receptors. *Nature Reviews Endocrinology*. 11, 213–227 (2015). <https://doi.org/10.1038/nrendo.2015.7>.

34.

Schild, D., Restrepo, D.: Transduction Mechanisms in Vertebrate Olfactory Receptor Cells. *Physiological Reviews*. 78, 429–466 (1998). <https://doi.org/10.1152/physrev.1998.78.2.429>.

35.

Tonosaki K1, Hori Y, Shimizu Y, Tonosaki K.: Relationships between insulin release and taste. *Biomed Res*. (2007).

36.

Just T1, Pau HW, Engel U, Hummel T.: Cephalic phase insulin release in healthy humans after taste stimulation? *Appetite*. (2008).

37.

Microneurography: Recording Nerve Traffic Via Intraneural Microelectrodes in Awake Human Subjects - YouTube, <https://www.youtube.com/watch?v=f9mzmptuXbg>.

38.

Molecular basis of mechanosensory transduction | Nature, <https://www.nature.com/articles/35093011>.

39.

Mechanisms of sensory transduction in the skin | Nature, <https://www.nature.com/articles/nature05662?foxtrotcallback=true>.

40.

Gastrointestinal Physiology.

41.

Johnson, L.R.: Gastrointestinal physiology. Elsevier/Mosby, Philadelphia, PA (2014).

42.

Schulkin, J.: Rethinking homeostasis: allostatic regulation in physiology and pathophysiology. The MIT Press, Cambridge, Massachusetts (2003).

43.

Porterfield, S.P., White, B.A., Porterfield, S.P.: Endocrine and reproductive physiology. Elsevier/Mosby, Philadelphia, PA (2013).

44.

Boyd, C.A.R., Noble, D.: The logic of life: the challenge of integrative physiology. Oxford

University Press, Oxford (1993).

45.

Mepham, T.B.: Bioethics: an introduction for the biosciences. Oxford University Press, Oxford (2008).

46.

Kuhse, H., Schüklenk, U., Singer, P. eds: Bioethics: an anthology. Wiley Blackwell, Chichester, West Sussex (2016).

47.

Dimond, R.: Social and ethical issues in mitochondrial donation: Fig. 1. British Medical Bulletin. 115, 173–182 (2015). <https://doi.org/10.1093/bmb/ldv037>.

48.

Baylis, F.: The ethics of creating children with three genetic parents. Reproductive BioMedicine Online. 26, 531–534 (2013). <https://doi.org/10.1016/j.rbmo.2013.03.006>.

49.

Luo, S., Valencia, C.A., Zhang, J., Lee, N.-C., Slone, J., Gui, B., Wang, X., Li, Z., Dell, S., Brown, J., Chen, S.M., Chien, Y.-H., Hwu, W.-L., Fan, P.-C., Wong, L.-J., Atwal, P.S., Huang, T.: Biparental Inheritance of Mitochondrial DNA in Humans. Proceedings of the National Academy of Sciences. 115, 13039–13044 (2018). <https://doi.org/10.1073/pnas.1810946115>.

50.

Anglia Ruskin University Library - Harvard System, <https://libweb.anglia.ac.uk/referencing/harvard.htm>.

51.

Literature Searching and Library skills (MVLS) | University of Glasgow,

<http://readinglists.glasgow.ac.uk/lists/E91BAB8A-3606-1C2B-3A0B-A0AD17AAB66B.html>.

52.

Reflective Writing Guide | UNSW Current Students,
<https://student.unsw.edu.au/reflective-writing>.

53.

Pechenik, J.A., Lamb, B.C., Pechenik, J.A.: How to write about biology. HarperCollins, London (1994).

54.

Greenhalgh, T., Ebooks Corporation Limited: How to read a paper: the basics of evidence-based medicine. Wiley, Chichester, West Sussex (2014).

55.

Rangachari, P.K., Mierson, S.: A checklist to help students analyze published articles in basic medical sciences. *Advances in Physiology Education*. 268, S21-S25.

56.

Critical Analysis of a Published Paper - critanal.pdf,
<https://www.science.mcmaster.ca/biopharm/images/files/handouts/critanal.pdf>.

57.

Prel, J.-B. du, Röhrig, B., Blettner, M.: Critical Appraisal of Scientific Articles: Part 1 of a Series on Evaluation of Scientific Publications. *Deutsches Arzteblatt International*. 106, 100-105 (2009). <https://doi.org/10.3238/arztebl.2009.0100>.

58.

Langton, P. ed: Essential guide to reading biomedical papers: recognising and interpreting best practice. Wiley-Blackwell, Chichester (2013).

59.

Introduction - Handbook of Biological Statistics, <http://www.biostathandbook.com/>.

60.

Burton, R.F.: Physiology by numbers: an encouragement to quantitative thinking. Cambridge University Press, Cambridge (2000).

61.

Samuels, M.L., Witmer, J.A., Schaffner, A.: Statistics for the life sciences. Pearson, Boston, Mass (2012).

62.

Spiegel, M.R., Stephens, L.J., Spiegel, M.R.: Statistics. McGraw-Hill, New York (2011).

63.

Field, A.P.: Discovering statistics using IBM SPSS statistics: and sex and drugs and rock 'n' roll. SAGE, London (2013).

64.

Table or Graph?,
<http://sphweb.bumc.bu.edu/otlt/MPH-Modules/BS/DataPresentation/DataPresentation2.html>
.

65.

Designing conference posters - Colin Purrington,
<http://colinpurrington.com/tips/poster-design>.

66.

Preparing for an oral presentation,
https://www.latrobe.edu.au/__data/assets/pdf_file/0007/719593/Oral-Presentations-and-visual-aids.pdf.

67.

Using PowerPoint / University of Leicester,
<http://www2.le.ac.uk/offices/ld/resources/presentations/using-ppt>.

68.

Presentation Zen: What is good Presentation design?,
http://presentationzen.blogspot.com/presentationzen/2005/09/whats_good_powe.html.

69.

Bowater, L., Yeoman, K.: Science communication: a practical guide for scientists. Wiley-Blackwell, Chichester (2013).

70.

BBC Radio 4 - BBC Inside Science, <https://www.bbc.co.uk/programmes/b036f7w2>.

71.

Langton, P. ed: Essential guide to reading biomedical papers: recognising and interpreting best practice. Wiley-Blackwell, Chichester (2013).

72.

Physiological Society (Great Britain), National Institutes of Health (U.S.). PubMed Central: The Journal of Physiology.

73.

Ashcroft, F.M.: Life at the extremes: [the science of survival]. Flamingo, London (2001).

74.

Goldacre, B.: Bad science. Fourth Estate, London (2008).

75.

Ashcroft, F.M.: The spark of life: electricity in the human body. Norton, New York (2012).

76.

BBC Radio 4 - More or Less: Behind the Stats - Downloads,
<https://www.bbc.co.uk/programmes/p02nrss1/episodes/downloads>.

77.

Goldacre, B.: Bad pharma: how drug companies mislead doctors and harm patients. Fourth Estate, London (2012).

78.

Wilkinson, R.G., Pickett, K.: The spirit level: why equality is better for everyone. Penguin Books, London (2010).

79.

Smith, J.N.: Epic measures: one doctor, seven billion patients. Harper Wave, an imprint of HarperCollins Publishers, New York (2015).

80.

Boseley, S.: The shape we're in: how junk food and diets are shortening our lives. Guardian Books, London (2014).