

# Human Biology Level 3

View Online



1.  
Berne & Levy physiology. (Elsevier, 2018).
  
2.  
Tortora, G. J., Derrickson, B., Tortora, G. J. & Tortora, G. J. Tortora's principles of anatomy & physiology. (John Wiley & Sons, Inc, 2017).
  
3.  
Boron, W. F. & Boulpaep, E. L. Medical physiology: a cellular and molecular approach. (Saunders/Elsevier, 2012).
  
4.  
Hall, J. E. Guyton and Hall textbook of medical physiology. (Elsevier, 2016).
  
5.  
O'Dowd, G., Bell, S. & Wright, S. Wheater's functional histology: a text and colour atlas. (Elsevier, 2023).
  
6.  
Kierszenbaum, A. L. & Tres, L. L. Histology and cell biology: an introduction to pathology. (Elsevier, 2016).

7.

Pathophysiology of disease: an introduction to clinical medicine. vol. A Lange medical book (McGraw-Hill, 2014).

8.

Home · BoB.

9.

Blaustein, M. P. & Askews & Holts Library Services. Cellular physiology and neurophysiology. vol. The Mosby physiology monograph series (Elsevier/Mosby, 2012).

10.

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

11.

Introduction to human nutrition. vol. The Nutrition Society textbook series (Wiley-Blackwell, 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. vol. Report on health and social subjects (HMSO, 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).

18.

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

19.

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

20.

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

27.

Koeppen, B. M. & Stanton, B. A. Renal physiology. vol. Mosby physiology monograph series (Elsevier Mosby, 2012).

28.

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

29.

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

30.

Siegel, A., Sapru, H. N. & Siegel, H. Essential neuroscience. (Wolters Kluwer, 2019).

31.

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

32.

Lindemann, B. Receptors and transduction in taste. *Nature* **413**, 219–225 (2001).

33.

Calvo, S. S.-C. & Egan, J. M. The endocrinology of taste receptors. *Nature Reviews Endocrinology* **11**, 213–227 (2015).

34.

Schild, D. & Restrepo, D. Transduction Mechanisms in Vertebrate Olfactory Receptor Cells. *Physiological Reviews* **78**, 429–466 (1998).

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.

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, 2014).

42.

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

43.

Porterfield, S. P., White, B. A. & Porterfield, S. P. Endocrine and reproductive physiology. vol. Mosby physiology monograph series (Elsevier/Mosby, 2013).

44.

Boyd, C. A. R. & Noble, D. The logic of life: the challenge of integrative physiology. (Oxford University Press, 1993).

45.

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

2008).

46.

Bioethics: an anthology. vol. 40 (Wiley Blackwell, 2016).

47.

Dimond, R. Social and ethical issues in mitochondrial donation: Fig. 1. British Medical Bulletin **115**, 173-182 (2015).

48.

Baylis, F. The ethics of creating children with three genetic parents. Reproductive BioMedicine Online **26**, 531-534 (2013).

49.

Luo, S. et al. Biparental Inheritance of Mitochondrial DNA in Humans. Proceedings of the National Academy of Sciences **115**, 13039-13044 (2018).

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, 1994).

54.

Greenhalgh, T. & Ebooks Corporation Limited. How to read a paper: the basics of evidence-based medicine. vol. BMJ books (Wiley, 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.

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).

58.

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

59.

Introduction - Handbook of Biological Statistics.

60.

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



61.

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

62.

Spiegel, M. R., Stephens, L. J. & Spiegel, M. R. Statistics. vol. Schaum's outline series (McGraw-Hill, 2011).

63.

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

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.blogs.com/presentationzen/2005/09/whats\\_good\\_powe.html](http://presentationzen.blogs.com/presentationzen/2005/09/whats_good_powe.html).

69.

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

70.

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

71.

Essential guide to reading biomedical papers: recognising and interpreting best practice. (Wiley-Blackwell, 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, 2001).

74.

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

75.

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

76.

BBC Radio 4 - More or Less: Behind the Stats - Downloads.

77.

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

78.

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

79.

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

80.

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