

Bibliography

- Abbott A. (2016) Scientists bust myth that our bodies have more bacteria than human cells; Decades-old assumption about microbiota revisited. *Nature News*. doi:10.1038/nature.2016.19136
- Alberts et al. (2014) *Essential Cell Biology* (4th Ed.) Garland Science, Taylor and Francis group.
- Breaker R. R. and Joyce G.F. (1994) A DNA Enzyme that cleaves RNA. *Chemistry and Biology*. 1(1) : 223-229
- Breinbauer R., Vetter I.R., Waldmann H. (2003) From Protein Domains to Drug Candidates — Natural Products as Guiding Principles in Compound Library Design and Synthesis. In: Waldmann H., Koppitz M. (eds) *Small Molecule — Protein Interactions*. Ernst Schering Research Foundation Workshop, vol 42. Springer, Berlin, Heidelberg.
- Callicott J. B. (2012) Ecology: An Ethical Perspective. *Nature Education Knowledge*, 3(10):16.
- David G. E. and Alan G. (2006) *Principles of Animal Growth and Development*. Kendall/Hunt Publishing.
- De Roberts and De Roberts (1981) *Essentials of Cell and Molecular Biology*. CBS College Publishing.
- DeRuiter, C. (2010) "Fate Mapping Techniques". Embryo Project Encyclopedia (2010- 11-19). ISSN: 1940-5030 in <http://embryo.asu.edu/handle/10776/1751>.
- Duncan C. (2002) Mitosis, *Cell Cycle* 1:5, 298-299.
- Enger D. E. et al (2005) *Concepts in Biology* (11th Ed.) McGraw Hill Higher Education.
- Hartwell et al. (2008) *Genetics; from Genes to Genomes (3rd ed.) McGraw-Hill International Higher Education*.
- Fallon Jr., L. F. (2006). The Debate over Fluoridation of Drinking Water. *Journal of Controversial Medical Claims*, 13(1), 1–4.
- Fowkes F.M. (1963) Additivity of Intermolecular forces at interfaces. I. Determination of the contribution to surface and interfacial tensions of dispersion forces at various liquids. *The Journal of Physical Chemistry* 67 (12), 2538-2541 in DOI: 10.1021/j100806a008 [01/08/2018]
- Formica and Regelson (1995) Review of the biology of quercetin and related bioflavonoids, *Food and Chemical Toxicology Journal*, 33 (12), 1061- 1080.
- Gilbert S.F (2000) *Developmental Biology*. Oxford University Press.
- Gitelman, H. J. (1967) An improved Automated Procedure for the determination of Calcium in Biological Specimens. *Analytical Biochemistry Journal*. 18, 521-531.
- Hussain, J., Hussain, I., & Sharma, K. C. (2010). Fluoride and health hazards: Community perception in a fluorotic area of central Rajasthan (India): An arid environment. *Environmental Monitoring and Assessment*, 162(1-4), 1-14. <http://dx.doi.org/10.1007/s10661-009-0771-6>

- JoVE Science Education Database. (2017) *Basic Methods in Cellular and Molecular Biology. Bacterial Transformation: Electroporation*. JoVE, Cambridge, MA.
- Klug and Cummings (2005) *Essentials of Genetics* (5th Ed.) Pearson Prentice Hall.
- Leyser O. and Day S. (2003) *Mechanisms in Plant development*, Blackwell Publishing; Oxford.
- McCully K. and Robinow C. F. (1972) Mitosis in Heterobasidiomycetous Yeasts, *Journal of Cell Science*, 10: 857-881
- McGrady, M.G. et al. (2012) The association between social deprivation and the prevalence and severity of dental caries and fluorosis in populations with and without water fluoridation. *BMC Public Health*, 12: 1222, doi: 10.1186/1471-2458-12-1122
- McMurry, J. (1984). *Organic chemistry*. Monterey, Calif: Brooks/Cole Pub. Co.
- Meenakshi, & Maheshwari, R. C. (2006). Fluoride in drinking water and its removal. *Journal of Hazardous Materials*, 137(1), 456–463. Enger E., Ross F. and Bailey D. (2005) *Concepts in Biology* (11th Ed.) McGraw Hill Higher Education.
- NA, Science Daily (2015) *Phoenix effect: Resurrected proteins double their natural activity*, ITMO University [accessed on 28/07/2018] in <https://www.sciencedaily.com/releases/2015/10/151001094317.htm>
- Raven P. and Johnson G. (1999) *Biology* (5th Ed.) McGraw Hill International Edition
- Sun, L., Gao, Y., Liu, H., Zhang, W., Ding, Y., Li, B., ... Sun, D. (2013). An assessment of the relationship between excess fluoride intake from drinking water and essential hypertension in adults residing in fluoride endemic areas. *Science of The Total Environment*, 443, 864–869.
- Sutherland J. et al (2013) FORUM: Identification of 100 fundamental ecological questions, British Ecological Society, *Journal of Ecology*, 101, 58-61.
- Tsong T. Y. (1991) Electroporation of Cell Membranes. *Biochemistry Journal*, 60, pp 297-306.
- Touger-Decker, R., Holt, K., Krall, E. A., & Nielsen, F. H. (2001). Position of the American dietetic association: The impact of fluoride on health. American Dietetic Association. *Journal of the American Dietetic Association*, 101(1), 126-32. Retrieved from <https://search.proquest.com/docview/218406664?accountid=17198>
- Xiong, X., Liu, J., He, W., Xia, T., He, P., Chen, X., ... Wang, A. (2007). Dose–effect relationship between drinking water fluoride levels and damage to liver and kidney functions in children. *Environmental Research*, 103(1), 112–116.