

TMSPHASPSM01: MSc Pharmacogenetics and Stratified Medicine

TMSPHASPSM01□

View Online



1.

Hall IP, Pirmohamed M. Pharmacogenetics. Taylor & Francis; 2006.
<https://doi.org/10.3109/9781420016697>

2.

Gibb, Alasdair J., Foreman, John C., Johansen, Torben. Textbook of Receptor Pharmacology. 3rd ed. CRC Press; 2011. doi:10.1201/9781420052558

3.

Kenakin, Terrence P. A Pharmacology Primer: Theory, Applications, and Methods. 3rd ed. Elsevier Academic Press; 2009.
<https://www.sciencedirect-com.libproxy.ucl.ac.uk/book/9780123745859/a-pharmacology-primer>

4.

Burton, Paul, Palmer, Lyle, Smith, George Davey. An Introduction to Genetic Epidemiology. Vol Health&society series. Policy Press; 2011.

5.

Holmes MV, Shah T, Vickery C, Smeeth L, Hingorani AD, Casas JP. Fulfilling the Promise of Personalized Medicine? Systematic Review and Field Synopsis of Pharmacogenetic Studies. PLoS ONE. 2009;4(12). doi:10.1371/journal.pone.0007960

6.

Humphries SE, Hingorani A. Pharmacogenetics: Progress, pitfalls and clinical potential for coronary heart disease. *Vascular Pharmacology*. 2006;44(2):119-125. doi:10.1016/j.vph.2005.10.003

7.

Neubig RR. International Union of Pharmacology Committee on Receptor Nomenclature and Drug Classification. XXXVIII. Update on Terms and Symbols in Quantitative Pharmacology. *Pharmacological Reviews*. 2003;55(4):597-606. doi:10.1124/pr.55.4.4

8.

Lefkowitz RJ. Historical review: A brief history and personal retrospective of seven-transmembrane receptors. *Trends in Pharmacological Sciences*. 2004;25(8):413-422. doi:10.1016/j.tips.2004.06.006

9.

Seifert R, Wenzel-Seifert K. Constitutive activity of G-protein-coupled receptors: cause of disease and common property of wild-type receptors. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2002;366(5):381-416. doi:10.1007/s00210-002-0588-0

10.

Thompson AJ, Lester HA, Lummis SCR. The structural basis of function in Cys-loop receptors. *Quarterly Reviews of Biophysics*. 2010;43(04):449-499. doi:10.1017/S0033583510000168

11.

Kirkwood, Betty R., Kirkwood, Betty R., Sterne, Jonathan A. C. *Essential Medical Statistics*. 2nd ed. Blackwell Science; 2003.

12.

New Perspectives for the Elucidation of Genetic Disorders. doi:520679

13.

Ropers HH. New Perspectives for the Elucidation of Genetic Disorders. *The American Journal of Human Genetics*. 2007;81(2):199-207. doi:10.1086/520679

14.

Hirschhorn JN, Daly MJ. Genome-wide association studies for common diseases and complex traits. *Nature Reviews Genetics*. 2005;6(2):95-108. doi:10.1038/nrg1521

15.

Botstein D, Risch N. Discovering genotypes underlying human phenotypes: past successes for mendelian disease, future approaches for complex disease. *Nature Genetics*. 2003;33(3s):228-237. doi:10.1038/ng1090

16.

Capecchi MR. Essay: Gene targeting in mice: functional analysis of the mammalian genome for the twenty-first century. *Nature Reviews Genetics*. 2005;6(6):507-512. doi:10.1038/nrg1619

17.

Brinkman RR, Dubé MP, Rouleau GA, Orr AC, Samuels ME. Human monogenic disorders — a source of novel drug targets. *Nature Reviews Genetics*. 2006;7(4):249-260. doi:10.1038/nrg1828

18.

O'Connor TP, Crystal RG. Genetic medicines: treatment strategies for hereditary disorders. *Nature Reviews Genetics*. 2006;7(4):261-276. doi:10.1038/nrg1829

19.

Antonarakis SE, Beckmann JS. Mendelian disorders deserve more attention. *Nature Reviews Genetics*. 2006;7(4):277-282. doi:10.1038/nrg1826

20.

Table of contents : Nature Reviews Genetics Focus on Monogenic disorders.

21.

Hansson GK, Libby P. The immune response in atherosclerosis: a double-edged sword. Nature Reviews Immunology. 2006;6(7):508-519. doi:10.1038/nri1882

22.

Atherosclerosis — An Inflammatory Disease — NEJM.

23.

Yusuf S, Hawken S, Ôunpuu S, et al. Effect of potentially modifiable risk factors associated with myocardial infarction in 52 countries (the INTERHEART study): case-control study. The Lancet. 2004;364(9438):937-952. doi:10.1016/S0140-6736(04)17018-9

24.

Kathiresan S, Voight BF, Purcell S, et al. Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. Nature Genetics. 2009;41(3):334-341. doi:10.1038/ng.327

25.

Bras JM, Singleton A. Genetic susceptibility in Parkinson's disease. Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease. 2009;1792(7):597-603. doi:10.1016/j.bbadis.2008.11.008

26.

Altshuler D, Daly MJ, Lander ES. Genetic Mapping in Human Disease. Science. 2008;322(5903):881-888. doi:10.1126/science.1156409

27.

McCarthy MI, Abecasis GR, Cardon LR, et al. Genome-wide association studies for complex traits: consensus, uncertainty and challenges. *Nature Reviews Genetics*. 2008;9(5):356-369. doi:10.1038/nrg2344

28.

Abou-Sleiman PM, Muqit MMK, Wood NW. Expanding insights of mitochondrial dysfunction in Parkinson's disease. *Nature Reviews Neuroscience*. 2006;7(3):207-219. doi:10.1038/nrn1868

29.

Sham, P. *Statistics in Human Genetics*. Wiley; 2007.

30.

Thomas, Duncan C. *Statistical Methods in Genetic Epidemiology*. Oxford University Press; 2004.

31.

Balding DJ. A tutorial on statistical methods for population association studies. *Nature Reviews Genetics*. 2006;7(10):781-791. doi:10.1038/nrg1916

32.

Neale, Benjamin M., *International Workshop of Twin and Family Studies. Statistical Genetics: Gene Mapping through Linkage and Association*. Taylor & Francis; 2008.

33.

Bishop, M., Cannings, C., Balding, D. J. *Handbook of Statistical Genetics*. 3rd ed. John Wiley; 2007. <https://onlinelibrary.wiley.com/doi/book/10.1002/9781119487845>

34.

Foulkes, Andrea S. Applied Statistical Genetics with R: For Population-Based Association Studies. Vol Use R! Springer; 2009. doi:10.1007/978-0-387-89554-3

35.

Daly AK. Genome-wide association studies in pharmacogenomics. Nature Reviews Genetics. 2010;11(4):241-246. doi:10.1038/nrg2751

36.

Holmes MV, Shah T, Vickery C, Smeeth L, Hingorani AD, Casas JP. Fulfilling the Promise of Personalized Medicine? Systematic Review and Field Synopsis of Pharmacogenetic Studies. PLoS ONE. 2009;4(12). doi:10.1371/journal.pone.0007960

37.

Lee AJX, Swanton C. Tumour heterogeneity and drug resistance: Personalising cancer medicine through functional genomics. Biochemical Pharmacology. 2012;83(8):1013-1020. doi:10.1016/j.bcp.2011.12.008

38.

Holmes MV. CYP2C19 Genotype, Clopidogrel Metabolism, Platelet Function, and Cardiovascular EventsA Systematic Review and Meta-analysis. JAMA: The Journal of the American Medical Association. 2011;306(24). doi:10.1001/jama.2011.1880

39.

Orengo, Christine Ann, Jones, David Tudor, Thornton, Janet M. Bioinformatics: Genes, Proteins and Computers. BIOS; 2003.
<https://www.vlebooks.com/Product/Index/2052147?page=0&startBookmarkId=-1>

40.

Zvelebil, Marketa J., Baum, Jeremy O. Understanding Bioinformatics. Garland Science; 2008.
https://bibliu.com/app/#/view/books/9781136976964/pdf2htmllex/index.html#page_Cover

41.

Lesk, Arthur M. Introduction to Bioinformatics. 3rd ed. Oxford University Press; 2008.