

TMSPHASPSM01: MSc Pharmacogenetics and Stratified Medicine

TMSPHASPSM01

[View Online](#)



1

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

2

Gibb, Alasdair J., Foreman, John C., Johansen, Torben. Textbook of receptor pharmacology. 3rd ed. Boca Raton, FL: : CRC Press 2011. doi:10.1201/9781420052558

3

Kenakin, Terrence P. A pharmacology primer: theory, applications, and methods. 3rd ed. Burlington, MA: : 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. Bristol: : Policy Press 2011.

5

Holmes MV, Shah T, Vickery C, et al. Fulfilling the Promise of Personalized Medicine? Systematic Review and Field Synopsis of Pharmacogenetic Studies. PLoS ONE 2009;4. 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**:119–25.
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**: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**:413–22.
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**: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**:449–99.
doi:10.1017/S0033583510000168

11

Kirkwood, Betty R., Kirkwood, Betty R., Sterne, Jonathan A. C. Essential medical statistics. 2nd ed. Malden, Mass: : Blackwell Science 2003.

12

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

13

Ropers H-H. New Perspectives for the Elucidation of Genetic Disorders. *The American Journal of Human Genetics* 2007; **81**: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**: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**:228–37. 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**:507–12. doi:10.1038/nrg1619

17

Brinkman RR, Dubé M-P, Rouleau GA, et al. Human monogenic disorders — a source of novel drug targets. *Nature Reviews Genetics* 2006; **7**:249–60. doi:10.1038/nrg1828

18

O'Connor TP, Crystal RG. Genetic medicines: treatment strategies for hereditary disorders. *Nature Reviews Genetics* 2006; **7**:261–76. doi:10.1038/nrg1829

19

Antonarakis SE, Beckmann JS. Mendelian disorders deserve more attention. *Nature Reviews Genetics* 2006; **7**:277–82. 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**:508-19. 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**:937-52. 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**:334-41. 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**:597-603.
doi:10.1016/j.bbadi.2008.11.008

26

Altshuler D, Daly MJ, Lander ES. Genetic Mapping in Human Disease. *Science* 2008; **322**:881-8. 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**:356–69. 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**:207–19. doi:10.1038/nrn1868

29

Sham, P. Statistics in human genetics. Chichester: : Wiley 2007.

30

Thomas, Duncan C. Statistical methods in genetic epidemiology. New York: : Oxford University Press 2004.

31

Balding DJ. A tutorial on statistical methods for population association studies. *Nature Reviews Genetics* 2006; **7**:781–91. doi:10.1038/nrg1916

32

Neale, Benjamin M., International Workshop of Twin and Family Studies. Statistical genetics: gene mapping through linkage and association. Abingdon: : Taylor & Francis 2008.

33

Bishop, M., Cannings, C., Balding, D. J. Handbook of statistical genetics. 3rd ed. Chichester: : John Wiley 2007. <https://onlinelibrary.wiley.com/doi/10.1002/9781119487845>

34

Foulkes, Andrea S. Applied statistical genetics with R: for population-based association studies. Dordrecht: : Springer 2009. doi:10.1007/978-0-387-89554-3

35

Daly AK. Genome-wide association studies in pharmacogenomics. Nature Reviews Genetics 2010;11:241–6. doi:10.1038/nrg2751

36

Holmes MV, Shah T, Vickery C, et al. Fulfilling the Promise of Personalized Medicine? Systematic Review and Field Synopsis of Pharmacogenetic Studies. PLoS ONE 2009;4. 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;83:1013–20. 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. doi:10.1001/jama.2011.1880

39

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

40

Zvelebil, Marketa J., Baum, Jeremy O. Understanding bioinformatics. New York: : Garland Science 2008.
https://bibliu.com/app/#/view/books/9781136976964/pdf2htmlex/index.html#page_Cover

41

Lesk, Arthur M. Introduction to bioinformatics. 3rd ed. Oxford: : Oxford University Press 2008.