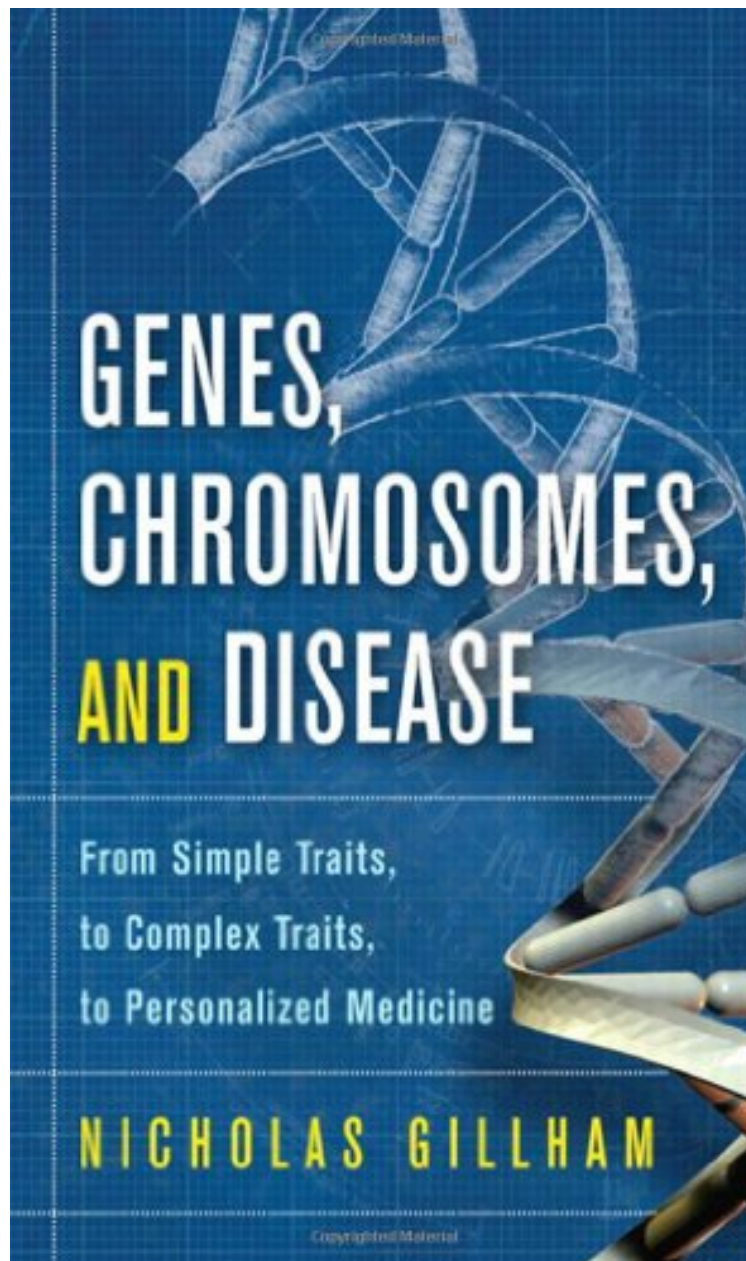


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Nicholas Wright Gillham

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before purchasing it in order to gauge whether or not it would be worth my time, and all praised *Genes, Chromosomes, and Disease: From Simple Traits, to Complex Traits, to Personalized Medicine* (FT Press Science):

0 of 0 people found the following review helpful. Not a book for first time rodeo riders in this subject, but a great book for your second rodeo. By C. Armstrong The book builds a bridge from the early discoveries about heredity, chromosomes and genes to the present. Those interested in specific gene-related diseases will find information about the more common diseases and also some of the more rare ones where the discovery process has led to an understanding of gene function. A moderate understanding of chromosomes, genes and diseases is a prerequisite for the reader; however the author manages to skillfully thread back and forth between the deep technical complexities and providing an enlightening narrative so the reader is not lost. A few more illustrations and explanatory narratives in the early part of the book might be helpful - for example - if the reader does not understand what a codon does, frame shift reading of genes makes little sense. All in all, a very helpful and well documented book. 0 of 0 people found the following review helpful. All you ever wanted to know about Genetics!! By Dave HA thorough and comprehensive look at the field of Genetics as it is today. I ordered this book for free and found it worth quite a bit more. Its normal price of \$50 was a bit more than I would have normally been willing to pay for the privilege. Since I am an electrical engineer by profession, I found sections that were well above my better than normal knowledge of genetics. These made it much harder to read. There is an extensive Glossary (you will need it unless you are a professional geneticist) plus the author's references and notes section, etc. I am still reading in Chapter 10 (of 10). If reading on a Kindle device (like my Fire) the Glossary references are very easy to reach with just a click on the highlighted items. Makes it much faster to look up an unknown word or subject area. The chapters cover everything from the earliest efforts in Genetics to the current high tech equipment used to map the human genome. It covers in detail with good explanations of many (more than I ever imagined) genetic diseases and treatments. The detail sometimes gets difficult to follow due to the complexity of this field and the sheer volume of the vocabulary it contains. Again, the Glossary helps somewhat, but does tend to break up the process of reading the text. In other words, it is a difficult read for the average person not trained in Genetics. You can enjoy the book, however, but at times it becomes a challenge to get through many difficult and complex sections. This is a well researched and written book. The author is clearly knowledgeable in Genetics and does a good job of giving both professionals and novices a good look at this subject. 0 of 0 people found the following review helpful. Three Stars By Dheavyok

This very readable overview of the rise and transformations of medical genetics and of the eugenic impulses that have been inspired by the emerging understanding of the genetic basis of many diseases and disabilities is based on a popular nonmajors course, "Social Implications of Genetics," that Gillham gave for many years at Duke University. The book is suitable for use as a text in similar overview courses about genes and social issues or genes and disease. It gives a good overview of the developments and status of this field for a wide range of biomedical researchers, physicians, and students, especially those interested in the prospects for the new, genetics-based personalized medicine.

From the Back Cover *100+ Years of Medical Genetics: An Authoritative History in Social and Ethical Context* This is an exceptionally readable overview of the rise and transformations of medical genetics throughout the past century. It thoroughly reviews the field, summarizes current scientific understanding, and encourages readers to seriously reflect on the ethical and social implications. Gillham explains How genetic diseases arise and why some ethnic groups are more susceptible to specific disorders