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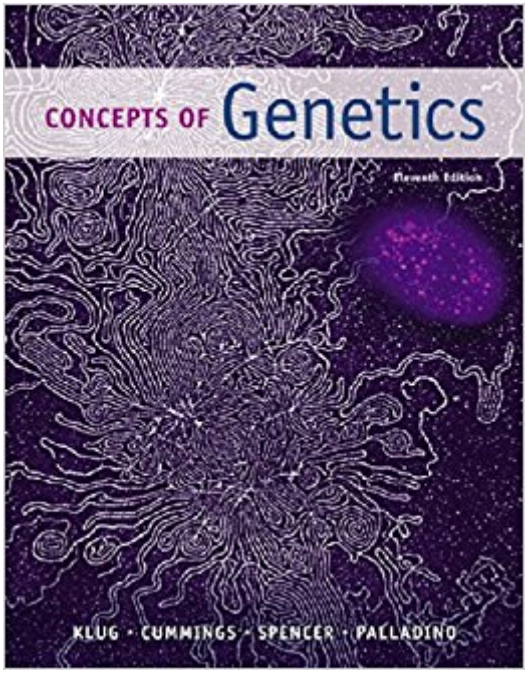
# Concepts Of Genetics (11th Edition)

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## Synopsis

Concepts of Genetics, Eleventh Edition emphasizes the fundamental ideas of genetics, while exploring modern techniques and applications of genetic analysis. The best-selling text has a strong problem-solving approach, and this edition has been extensively updated with relevant, cutting-edge coverage of emerging topics in genetics. Note: You are purchasing a standalone product; MasteringGeneticsÃ¢â Â¢does not come packaged with this content. If you would like to purchase both the physical text and MasteringGenetics search for ISBN-10: Ã Â 0321948475/ISBN-13: 9780321948472. That package includes ISBN-10: 0321948912/ISBN-13: 9780321948915 and ISBN-10: 0133863298/ISBN-13: 9780133863291. MasteringGenetics is not a self-paced technology and should only be purchased when required by an instructor.

## Book Information

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## Customer Reviews

William S. Klug is an Emeritus Professor of Biology at The College of New Jersey (formerly Trenton State College) in Ewing, New Jersey, where he served as Chair of the Biology Department for 17 years. He received his B.A. degree in Biology from Wabash College in Crawfordsville, Indiana, and his Ph.D. from Northwestern University in Evanston, Illinois. Prior to coming to The College of New Jersey, he was on the faculty of Wabash College as an Assistant Professor, where he first taught genetics, as well as general biology and electron microscopy. His research interests have involved ultrastructural and molecular genetic studies of development, utilizing oogenesis in Drosophila as a model system. He has taught the genetics course as well as the senior capstone seminar course in Human and Molecular Genetics to undergraduate biology majors for over four decades. He was the

recipient in 2001 of the first annual teaching award given at The College of New Jersey, granted to the faculty member who Ã¢â ¬Å“most challenges students to achieve high standards.Ã¢â ¬Â• He also received the 2004 Outstanding Professor Award from Sigma Pi International, and in the same year, he was nominated as the Educator of the Year, an award given by the Research and Development Council of New Jersey. Michael R. Cummings is Research Professor in the Department of Biological, Chemical, and Physical Sciences at Illinois Institute of Technology, Chicago, Illinois. For more than 25 years, he was a faculty member in the Department of Biological Sciences and in the Department of Molecular Genetics at the University of Illinois at Chicago. He has also served on the faculties of Northwestern University and Florida State University. He received his B.A. from St. MaryÃ¢â ¬â„¢s College in Winona, Minnesota, and his M.S. and Ph.D. from Northwestern University in Evanston, Illinois. In addition to this text and its companion volumes, he has also written textbooks in human genetics and general biology for nonmajors. His research interests center on the molecular organization and physical mapping of the heterochromatic regions of human acrocentric chromosomes. At the undergraduate level, he teaches courses in Mendelian and molecular genetics, human genetics, and general biology, and has received numerous awards for teaching excellence given by university faculty, student organizations, and graduating seniors. Charlotte A. Spencer is a retired Associate Professor from the Department of Oncology at the University of Alberta in Edmonton, Alberta, Canada. She has also served as a faculty member in the Department of Biochemistry at the University of Alberta. She received her B.Sc. in Microbiology from the University of British Columbia and her Ph.D. in Genetics from the University of Alberta, followed by postdoctoral training at the Fred Hutchinson Cancer Research Center in Seattle, Washington. Her research interests involve the regulation of RNA polymerase II transcription in cancer cells, cells infected with DNA viruses, and cells traversing the mitotic phase of the cell cycle. She has taught courses in biochemistry, genetics, molecular biology, and oncology, at both undergraduate and graduate levels. In addition, she has written booklets in the Prentice Hall Exploring Biology series, which are aimed at the undergraduate nonmajor level. Michael A. Palladino is Dean of the School of Science and Professor of Biology at Monmouth University in West Long Branch, New Jersey. He received his B.S. degree in Biology from Trenton State College (now known as The College of New Jersey) and his Ph.D. in Anatomy and Cell Biology from the University of Virginia. He directs an active laboratory of undergraduate student researchers studying molecular mechanisms involved in innate immunity of mammalian male reproductive organs and genes involved in oxygen homeostasis and ischemic injury of the testis. He has taught a wide range of courses for both majors and nonmajors and currently teaches

genetics, biotechnology, endocrinology, and laboratory in cell and molecular biology. He has received several awards for research and teaching, including the 2009 Young Investigator Award of the American Society of Andrology, the 2005 Distinguished Teacher Award from Monmouth University, and the 2005 Caring Heart Award from the New Jersey Association for Biomedical Research. He is co-author of the undergraduate textbook Introduction to Biotechnology, Series Editor for the Benjamin Cummings Special Topics in Biology booklet series, and author of the first booklet in the series, Understanding the Human Genome Project. Ã Â

I was educated many years ago, way before they elaborated the human genome. I felt I needed to learn the language of genetics in order to understand current medical literature, so I purchased various books in this field. Unfortunately, all were above my head until I purchased this one. I have just begun to read the book, but my initial impression is that I will finally understand the subject. The book really does get down to basics and has a decent index as well. Highly recommended.

This book isn’t a very good genetics textbook in my opinion. The concepts are so disorganized and make no logical sense especially for undergraduate students trying to connect the basics with harder conceptual ideas. Also, it is text heavy with only a few pictures that in themselves are hard to understand and conceptualize. This makes each chapter harder to read and makes it hard to retain the muddled information.

I don’t like Genetics, but the book makes it easier.

Interesting book! My only complaint is that they went into a lot of detail about certain things, such as the experiments that the ideas were derived from. This could be good or bad, depending on your perspective. It was interesting, but when I’m also taking organic chemistry and biology, it’s a lot of "filler" information that takes away from the main ideas. If I wasn’t so crammed for time it would be great. Pretty good book, although I don’t have anything to compare it to. Just my opinion.

good

great

This book was my shortcut to buying the newest edition, so t saved me money. I liked the book,

better in some cases than the new edition, but not some much so some of the updated new research, the new book went more in depth on. But this book worked, I enjoyed reading it very much

This book has nice illustrations and easy to read tables. I wish that the answer key actually had full answers and I wasn't required to buy another book to get the answers for the rest of the questions.

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