Genetics: From Genes to Genomes

Leland Hartwell, Leroy Hood, Michael Goldberg, Ann Reynolds, Lee Silver, Ruth Veres
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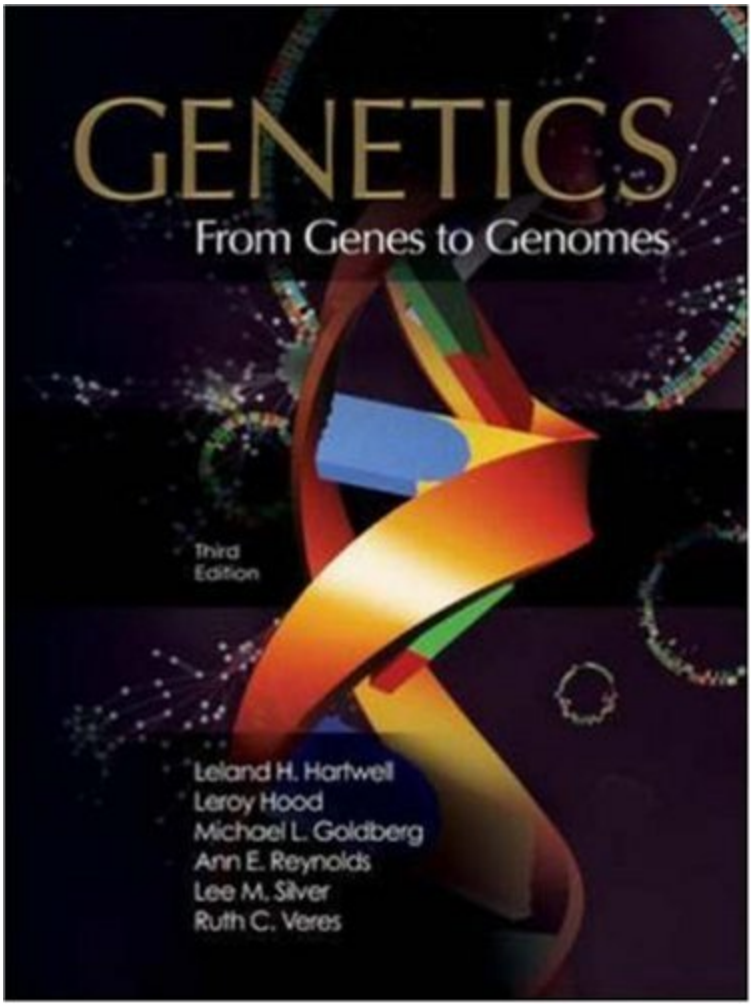

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Leland Hartwell, Leroy Hood, Michael Goldberg, Ann Reynolds, Lee Silver, Ruth Veres : Genetics: From Genes to Genomes before purchasing it in order to gage whether or not it would be worth my time, and all praised Genetics: From Genes to Genomes:

1 of 1 people found the following review helpful. An excellent textbookBy JaydeThe book is well built and contains helpful information at a college level, while still starting new concepts as a simple level. The online sample problems (and answers) were helpful for studying for the exams and the problems in the book were useful too. (although you need the solutions manual to be able to check those answers. Arrived in a timely fashion, and in excellent condition.2 of 2 people found the following review helpful. pianomanrsnBy Robert S. NewmanI very much liked this book. It has some of the best illustrations and photomicrographs that I have ever seen in a science textbook. The organization of the book is pretty good too. I enjoyed the background material on methods and thought the length of the book was just

right. More is not always better. The only minor gripe I had was that the photomicrographs are not labeled by type (i.e., SEM, TEM, Confocal, etc.). There is a huge amount of research in the genetics area that others might have stuffed into this book, but the authors wisely chose to limit their scope somewhat.0 of 0 people found the following review helpful. useful but dwells to much on historyBy Bersani CinziaThe book covers the topic thoroughly, is clear and full of illustrations that help to learn. The only filp side, at least in my opinion, is the part dedicated to the history of genetics: I found it too long, too detailed and not necessary to understand the topic. In some instances it slows down the reaserch of information.

Genetics: From Genes to Genomes is a cutting-edge, introductory genetics text authored by an unparalleled author team, including Nobel Prize winner, Leland Hartwell. The Third Edition continues to build upon the integration of Mendelian and molecular principles, providing students with the links between early genetics understanding and the new molecular discoveries that have changed the way the field of genetics is viewed.

About the AuthorDr. Hartwell received his Ph.D from MIT. He has held Assistant and Associate Professorships at the University of California before joining the faculty of the University of Washington, where he continues as a Full Professor. In 1996, Dr. Hartwell joined the Fred Hutchinson Cancer Research Center as a Full Member and Senior Advisor for Scientific Affairs, and was named President and Director of the Center in July, 1997. Dr. Hartwell has received numerous awards and honors in the course of his career. Among them he received the Brandeis university Rosenteil Award in 1993, and the sloan-kettering Cancer Center Katherine Berkan Judd Award as well as the Genetics Society of America Medal in 1994. In 1995 he was awarded the MGH Warren Triennial Price and in 1996 was awarded the Columbia University Horwitz Award and the Passano Award. Dr. Hartwell received the Albert Lasker Award for medical research in 1998.Dr. Hood received an MD from the Johns Hopkins Medical Schooland a PhD in Biochemistry from the California Institute of Technology. His research interests include immunology, development and the development of biological instrumentation (e.g. the protein sequenator and the automated fluorescent DNA sequencer). His research played a key role in unraveling the mysteries of anitbody diversity. Dr. Hood has taught molecular evolution, immunology, molecular biology and biochemistry. he is currently the Chairman (and founder) of the cross-disciplinary Department of Molecular Biotechnology at the University of Washington. Dr. Hood has received a variety of awards including the Albert Lasker Award for Medical Research (1987), Dickson Price (1987), Cefas Award for Biochemistry (1989), and the Distinguished Service Award from the national Association of Teachers (1998). He is deeply involved in K-12 science educatiohn. His hobbies include running, mountain climbing, and reading.Dr. Goldberg is a professor at Cornell University where he teaches introductory Genetics. He was an undergraduate at Yale University, and received his PhD in Biochemistry from Stanford University. Dr. Goldberg performed postdoctoral research at the Biozentrum of the University of Basel (Switzerland), posdoctoral research at the Biozentrum of the University of Basel and at Harvard University, and received an NIH Fogarty Senior International Fellowship for study at Imperial College (England) and at the University fo Rome (Italy). His current research utilizes the tools of Drosophila genetics to investigate the mechansims that ensure proper chromosome segregation during mitosis and meiosis.Dr. Reynolds is an educator and author who has been teaching genetics and biology since 1990. An affiliate faculty member of the Genetics Department at the University of Washington, her research has included studies of gene regulation in E. coli, chromosome structure and DNA replication in yeast, and chloroplast gene expression in marien algae. She is a graduate of Mount Holyoke College and received her PhD from Tufts University. Dr. Reynolds was a post doctoral research fellow witht he Harvard University Department of Molecular Biology. Dr. Reynolds was also an author and producer of the laserdisc and CD-ROM Genetics: Fundamentals to Frontiers.Dr. Silver is a Professor at Princeton University in the Departments of Molecualr Biology, Ecology and Evolutionary Biology, and the program in Neuroscience. Dr. silver graduated from the University of Pennsylvania with BA and MS degrees in physics, and from Harvard University with a PhD in biophysics. He was a research fellow at the Sloan-Kettering Institute for Cancer Research and a seniro scientist at Cold Harbor Lab before coming to Princeton. He is the author of "Remaking Eden: Cloning and Beyond in a Brave New World." He is also the co-editor-in-chief of a new international journal entitled "Clining: Science and Policy," and co-editor-in-chief of "Mammalian Genome," the official journal of the International Mammalian Genome society. In 1993, Dr. Silver was elected a Fellow fo the AAAS.Ruth Veres is a science writer and editor with 25 years of experience in textbook publishing. She obtained her BA from Swarthmore college and MA degrees from Columbia University in NY and Tufts University. In addition to developing and editing more than 30 texts in the fields of political science, economics, psychology, nutrition, chemistry, and biology, she has co-authored a book on the immune system and an introductory biology text. She has also taught writing and languages at the Univ of California at Berkeley. She lives in San Francisco with her husband.