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Previews: About author William S. Klug is an emeritus professor of biology at New Jersey College (formerly Trenton State College) in Ewing, N.J., where he served as chairman of the Faculty of Biology for 17 years. He holds a bachelor's degree in biology from Wabash College in Crawfordsville, Indiana, and a doctorate from Northwestern University in Evanston, Illinois. Prior to joining the College of New Jersey, he was in 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 are related to ultrastructural and molecular genetic development research, using urogenesis in Drosophila as an exemplary system. He has taught a course in genetics as well as a senior capstone workshop course in human and molecular genetics for undergraduate biology majors for over four decades. He was the recipient of the 2001 first annual tuition award at the College of New Jersey, awarded to a teacher who most challenges students to achieve high standards. In 2004, he also received the Sigma Pi International Distinguished Professor Award, and in the same year he was nominated for Educator of the Year by the New Jersey Research and Development Council. Michael R. Cummings is Professor of Biological, Chemical and Physical Sciences at the Illinois Institute of Technology in Chicago, Illinois. For more than 25 years, he was a lecturer in the Department of Biological Sciences and the Department of Molecular Genetics at the University of Illinois at Chicago. He also worked in the departments of Northwestern University and Florida State University. He received a bachelor's degree from St. Mary's College in Winona, Minnesota, and a Ph.D. from Northwestern University in Evanston, Illinois. In addition to this text and its accompanying volumes, he also wrote textbooks on human genetics and general biology for non-mayaries. His research interests are at the center of molecular organization and physical mapping of heterchromatic areas of human acrocentric chromosomes. At the undergraduate level, he teaches courses in Mendeleev and molecular genetics, human genetics and general biology, and has received numerous awards for teaching excellence given by university professors, student organizations and graduates. Charlotte A. Spencer is a retired associate professor at the Department of Oncology at the University of Alberta in Edmonton, Alberta, Canada. She also worked as a lecturer in the Department of Biochemistry at the University of Alberta. She received B.Sc in microbiology from the University of British Columbia and a doctorate in genetics from the University of Alberta, followed by postdoctoral training at the Fred Hutchinson Cancer Research Center in Seattle, Washington. Her interests related to regulation of RNA polymerase II transcription in cancer cancer cells infected with DNA viruses and cells that cross the mitotic phases of the cell cycle. She has taught courses in biochemistry, genetics, molecular biology and oncology, both at the undergraduate and master's levels. She also wrote booklets in the Prentice Hall Biology Study series, which are aimed at the nonmajor bachelor's 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 holds a bachelor's degree in biology from Trenton State College (now known as the College of New Jersey) and a doctorate in anatomy and cell biology from the University of Virginia. He leads an active laboratory of research students studying the molecular mechanisms involved in the innate immunity of male reproductive organs of mammals and genes involved in oxygen homeostasis and coronary testicular trauma. He has taught a wide range of courses for specialties and nonmajors and currently teaches genetics, biotechnology, endocrinology, and laboratories in cellular and molecular biology. He has received several awards for research and teaching, including the 2009 Young Investigator Award of the American Society of Atology, the 2005 Distinguished Teachers Award from Monmouth University, and the 2005 Caring Heart Award from the New Jersey Association for Biomedical Research. He is the co-author of the Bachelor's Textbook Introduction to Biotechnology, editor of the Benjamin Cummings series Of Special Topics in the Biology Booklet series, and author of the first brochure in the series, Understanding the Human Genome Project. 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