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modeling, analysis, and simulation of biological regulatory networks, especially gene regulatory networks based on Boolean and Bayesian approaches. Visualization and compression of gene data, and supercomputer implementation of genomic signal processing systems are also treated. Finally, we discuss systems biology and medical applications of genomic research as well as the future trends in genomic signal processing and statistics research. **Human Biology Shaping Science with Rhetoric The Cases of Dobzhansky, Schrodinger, and Wilson** University of Chicago Press How do scientists persuade colleagues from diverse fields to cross the disciplinary divide, risking their careers in new interdisciplinary research programs? Why do some attempts to inspire such research win widespread acclaim and support, while others do not? In *Shaping Science with Rhetoric*, Leah Ceccarelli addresses such questions through close readings of three scientific monographs in their historical contexts—Theodosius Dobzhansky's *Genetics and the Origin of Species* (1937), which inspired the "modern synthesis" of evolutionary biology; Erwin Schrödinger's *What Is Life?* (1944), which catalyzed the field of molecular biology; and Edward O. Wilson's *Consilience* (1998), a so far not entirely successful attempt to unite the social and biological sciences. She examines the rhetorical strategies used in each book and evaluates which worked best, based on the reviews and scientific papers that followed in their wake. Ceccarelli's work will be important for anyone interested in how interdisciplinary fields are formed, from historians and rhetoricians of science to scientists themselves. **Mastery Study Guide Into Psychology** West Publishing Company **College Biology I Rodak's Hematology Clinical Principles and Applications** Elsevier Health Sciences This book shows how to accurately identify cells, simplifies hemostasis and thrombosis concepts, and covers normal hematopoiesis through diseases of erythroid, myeloid, lymphoid, and megakaryocytic origins. This book also makes it easy to understand complementary testing areas such as flow cytometry, cytogenetics, and molecular diagnostics. Covers everything from working in a hematology lab to the parts and functions of the cell to laboratory testing of blood cells and body fluid cells. **Molecular Biology of the Cell Curriculum Review**