

By Bruce Alberts Molecular Biology Of The Cell 6th Edition Hardcover

A computer companion featuring full-color three-dimensional illustrations from Molecular Biology of the Cell, Third Edition-- All kinemages are keyed to illustrations in the text, with similar colors and start-up views-- Includes 14 kinemages, plus the Mage program to display them-- Ideal as classroom lecture aid (with overhead projector and LCD panel)-- Accessible to students individually-- Available for Macintosh or PC

Though completely up-to-date with the latest research advances, the Sixth Edition of James D. Watson's classic book, Molecular Biology of the Gene retains the distinctive character of earlier editions that has made it the most widely used book in molecular biology. Twenty-two concise chapters, co-authored by six highly respected biologists, provide current, authoritative coverage of an exciting, fast-changing discipline. Mendelian View of the World, Nucleic Acids Convey Genetic Information, The Importance of Weak Chemical Interactions, The Importance of High Energy Bonds, Weak and Strong Bonds Determine Macromolecular Interactions, The Structures of DNA and RNA, Genome Structure, Chromatin and the Nucleosome, The Replication of DNA, The Mutability and Repair of DNA, Homologous Recombination at the Molecular Level, Site-Specific Recombination and Transposition of DNA, Mechanisms of Transcription 13 RNA Splicing, Translation, The Genetic Code, Transcriptional Regulation in Prokaryotes, Transcriptional Regulation in Eukaryotes, Regulatory RNAs, Gene Regulation in Development and Evolution, Genomics and Systems Biology, Techniques of Molecular Biology, Model Organisms. Intended for those interested in learning more about the basics of Molecular Biology.

Hoe motiveer je een patint tot een gezondere leefstijl? En hoe versterk je het vermogen van een patint om de regie te voeren over zijn eigen gezondheid? Dat zijn twee belangrijke onderwerpen die in 'Gezondheidsbevordering en zelfmanagement' worden besproken. In dit boek wordt gezondheid op micro-, meso- n macroniveau bekeken. De eerste twee hoofdstukken bespreken verschillende visies op gezondheid, gezondheidsrisico's en factoren die de volksgezondheid beïnvloeden. In de volgende hoofdstukken ligt het accent op preventie, gezondheidsbevordering en zelfmanagement van de patint, waarbij Intervention Mapping het uitgangspunt is van de gehanteerde systematiek. Andere onderwerpen die aan bod komen zijn chronische gezondheidsproblemen, het sociale netwerk van de patint, problematiek rond verwerking, en eHealth, maar natuurlijk ook de relatie tussen de verpleegkundige en de patint, en de rol van de verpleegkundige als gezondheidscoach. Nieuw in deze editie zijn een training 'bevorderen van zelfmanagement' en een training 'de verpleegkundige als gezondheidscoach'. Een belangrijke aanvulling is de onlineleeromgeving met links, leervragen en samenvattingen. Kijk hiervoor op www.studiecloud.nl.

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'Gezondheidsbevordering en zelfmanagement' is bedoeld voor de bachelor- (hbo-v, niveau 5) en mastersopleidingen voor verpleegkundigen. Het boek sluit aan bij het Beroepsprofiel Verpleegkundige 2020 en Verpleegkundig specialist 2020. Ook sluit het aan bij de CanMeds met de competenties van gezondheidsbevorderaar en reflectieve evidence-based werkende professional. Een onmisbaar boek voor de competent voorlichtende professional. Dr. Barbara Sassen is als docent en postdoc verbonden aan de University of Applied Science, Faculteit Gezondheidszorg, Hogeschool Utrecht. Daarnaast geeft zij masterclasses en trainingen over het thema 'de rol van de zorgprofessional in het bevorderen van zelfmanagement van de patint'.

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Haar naam was Henrietta Lacks, maar de medische wereld kent haar als HeLa. In de jaren '50 werden haar kankercellen zonder dat zij dat wist bij haar weggenomen. Met behulp van deze cellen, die letterlijk onsterfelijk zijn, werden de meest uiteenlopende geneeskundige ontdekkingen gedaan en rond de verkoop ervan ontstond een miljoenenindustrie. Het leven van Henrietta bleef echter vrijwel onbekend en ook haar familie wist tot ruim dertig jaar geleden niet van het bestaan van de cellen af. Rebecca Skloot vertelt het verhaal van de 'HeLa-cellen', maar laat ons vooral ook kennis maken met Henrietta, haar verleden en haar familie, die nog steeds worstelt met de nalatenschap van de cellen. Ze laat zien dat het verhaal van de familie Lacks onlosmakelijk verbonden is met de duistere geschiedenis van het experimenteren met Afrikaans-Amerikanen, het ontstaan van de ethiek binnen de biologie en de juridische strijd over de vraag of we de baas zijn over de materie waarvan we zijn gemaakt.

Designed to correspond with the first 20 chapters of the fifth edition of "Molecular Biology of the Cell," this workbook contains more than 2,000 problems and their solutions, which also appear on the accompanying CD-ROM.

Karp's Cell and Molecular Biology delivers a concise and illustrative narrative that helps students connect key concepts and experimentation, so they better understand how we know what we know in the world of cell biology. This classic text explores core concepts in considerable depth, often adding experimental detail. It is written in an inviting style and at mid-length, to assist students in managing the plethora of details encountered in the Cell Biology course. The 9th Edition includes two new sections and associated assessment in each chapter that show the relevance of key cell biology concepts to plant cell biology and bioengineering.

Essential Cell Biology provides a readily accessible introduction to the central concepts of cell biology, and its lively, clear writing and exceptional illustrations make it the ideal textbook for a first course in both cell and molecular biology. The text and figures are easy-to-follow, accurate, clear, and engaging for the introductory student. Molecular detail has been kept to a minimum in order to provide the reader with a

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cohesive conceptual framework for the basic science that underlies our current understanding of all of biology, including the biomedical sciences. The Fourth Edition has been thoroughly revised, and covers the latest developments in this fast-moving field, yet retains the academic level and length of the previous edition. The book is accompanied by a rich package of online student and instructor resources, including over 130 narrated movies, an expanded and updated Question Bank. Essential Cell Biology, Fourth Edition is additionally supported by the Garland Science Learning System. This homework platform is designed to evaluate and improve student performance and allows instructors to select assignments on specific topics and review the performance of the entire class, as well as individual students, via the instructor dashboard. Students receive immediate feedback on their mastery of the topics, and will be better prepared for lectures and classroom discussions. The user-friendly system provides a convenient way to engage students while assessing progress. Performance data can be used to tailor classroom discussion, activities, and lectures to address students needs precisely and efficiently. For more information and sample material, visit <http://garlandscience.rocketmix.com/>. "

As the amount of information in biology expands dramatically, it becomes increasingly important for textbooks to distill the vast amount of scientific knowledge into concise principles and enduring concepts. As with previous editions, Molecular Biology of the Cell, Sixth Edition accomplishes this goal with clear writing and beautiful illustrations. The Sixth Edition has been extensively revised and updated with the latest research in the field of cell biology, and it provides an exceptional framework for teaching and learning. The entire illustration program has been greatly enhanced. Protein structures better illustrate structure–function relationships, icons are simpler and more consistent within and between chapters, and micrographs have been refreshed and updated with newer, clearer, or better images. As a new feature, each chapter now contains intriguing open-ended questions highlighting “What We Don’t Know,” introducing students to challenging areas of future research. Updated end-of-chapter problems reflect new research discussed in the text, and these problems have been expanded to all chapters by adding questions on developmental biology, tissues and stem cells, pathogens, and the immune system.

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Explains the basics of cell biology for people with a minimal knowledge of biology

Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780815341055 .

Cell biology is taught in classrooms around the world to provide students with a firm conceptual grounding in biology. This text provides basic, core knowledge about how cells work and uses colour images and diagrams to emphasize concepts and aid understanding.

New edition of a text in which six researchers from leading institutions discuss what is known and what is yet to be understood in the field of cell biology. The material on molecular genetics has been revised and expanded so that it can be used as a stand-alone text. A new chapter covers pathogens, infection, and innate immunity. Topics include introduction to the cell, basic genetic mechanisms, methods, internal organization of the cell, and cells in their social context. The book contains color illustrations and charts; and the included CD-ROM contains dozens of video clips, animations, molecular structures, and high-resolution micrographs. Annotation copyrighted by Book News Inc., Portland, OR.

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This text features lively, clear writing and exceptional illustrations, making it the ideal textbook for a first course in both cell and molecular biology. Thoroughly revised and updated, the Fifth Edition maintains its focus on the latest cell biology research. For the first time ever, Essential Cell Biology will come with access to Smartwork5, Norton's innovative online homework platform, creating a more complete learning experience.

Dit boek behandelt de theorie en pikt en passant ook nog kernenergie mee en een hoop natuurkunde.

Biochemistry and Molecular Biology of Plants, 2nd Edition has been hailed as a major contribution to the plant sciences literature and critical acclaim has been matched by global sales success. Maintaining the scope and focus of the first edition, the second will provide a major update, include much new material and reorganise some chapters to further improve the presentation. This book is meticulously organised and richly illustrated, having over 1,000 full-colour illustrations and 500 photographs. It is divided into five parts covering: Compartments, Cell Reproduction, Energy Flow, Metabolic and Developmental Integration, and Plant Environment and Agriculture. Specific changes to this edition include: Completely revised with over half of the chapters having a major rewrite. Includes two new chapters on signal transduction and responses to pathogens. Restructuring of section on cell reproduction for improved presentation. Dedicated website to include all illustrative material. Biochemistry and Molecular Biology of Plants holds a unique place in the plant sciences literature as it provides the only comprehensive, authoritative, integrated single volume book in this essential field of study.

The Bruce M. Alberts Papers offer insight into the life and work of Dr. Alberts himself, a pre-eminent scientist and educator. This collection also provides a view into the development of molecular biology in recent history, the politics of a research career in academia, and the teaching of science itself. These papers also reveal a collegial world of scholarly sharing and communication, of a network of scientists working at different institutions around the world cooperating with each other.

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Studieboek op hbo-niveau voor verpleegkundigen, kwalificatieniveaus vier en vijf.

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