

Concise Dictionary Of Biomedicine And Molecular Biology

This unique volume provides an integrated overview of the subject of monovalent cations, specifically aimed at students and researchers. It is divided into two parts: the first deals with the processes by which monovalent cations are transported across biological membranes; the second deals with the processes that are affected by changes in intracellular cations. Each chapter describes in simple biochemical terms the interaction between one or more monovalent cations and a particular biological system of importance to current understanding of body function in health and disease. This useful publication is invaluable to students and researchers in biochemistry, physiology, neurology, pharmacology, anesthesiology, cardio-pulmonology, hematology, laboratory medicine, endocrinology, gastroenterology, internal medicine, psychiatry, urology, biomedical physics and medical nutrition. Contains approximately 20,000 mostly English language sources for academic libraries of all sizes. This new edition of The Concise Dictionary of Psychology contains more than 1300 references to words, phrases and eminent pioneers in psychology. Drawn from the extensive database of Guide to

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Reference, this up-to-date resource provides an annotated list of print and electronic biomedical and health-related reference sources, including internet resources and digital image collections.

Reference work provides the linguistic derivation and meaning of over 12,000 names of towns, rivers, and countries throughout the U.S

This colour edition medical dictionary should be of use both as a home medical guide and as an aid for all those working in the medical and allied professions. Over 10,000 concise entries cover all the major medical and surgical specialties and the dictionary aims to reflect recent medical advances, including those in genetics, infertility treatment, cancer, imaging techniques, organ transplantation, and the links between BSE and Creutzfeldt-Jakob disease, and there is coverage of new drugs in clinical use.

Rapid advances in science, medicine, and molecular biology have created a large amount of new information on biomedicine and molecular biology. Keeping up with the latest information can become a cumbersome task for professionals and students working in these fields. Updated to include new terminology and accurate characterizations of previously existing terms, the Concise Dictionary of Biomedicine and Molecular Biology, Second Edition provides easy access to the most commonly used drugs, antibiotics, and bio-chemically important

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compounds. Containing over 30,000 entries, the second edition of this dictionary provides concise, up-to-date definitions of terms commonly used in biotechnology, molecular biology, and biomedicine. Included in this second edition are over 23,000 definitions, 4,000 chemical structures, 1,200 equations of enzymatic reactions, and approximately 600 restriction endonucleases with explanations of their specific activities. Here is what's new in the second edition: Over 100 new illustrations of chemical structures A number of newly collected terms More than 3000 additional abbreviations commonly used in biomedicine, chemistry, biochemistry and molecular biology This updated edition integrates terminology and chemical structures from a variety of disciplines in a single, easy-to-use source. From defining existing terms to accounting for new developments, the Concise Dictionary of Biomedicine and Molecular Biology, Second Edition helps you stay abreast of the current advances in biomedicine and molecular biology. Do you want to know what inherited defect causes thalassaemia? Do you understand the significance of "resistance" when applied to microbiology? Can you say what a "frozen section" really is? The Dictionary of Biomedical Sciences answers all these questions and more. This informative, practical guide contains over 8000 entries that define all the ba Take the guesswork out of choosing safe and effective

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cosmetics and cosmeceuticals. You wouldn't eat something without knowing what it was. Don't you want to take the same care with what you put on your face, hair, and body? Find out what's in your health and beauty products with Ruth Winter's *A Consumer's Dictionary of Cosmetic Ingredients*. This updated and expanded sixth edition gives you all the facts you need to protect yourself and your family from possible irritants, confusing chemical names, or exaggerated claims of beauty from gimmick additives. Virtually every chemical found in toiletries, cosmetics, and cosmeceuticals—from body and face creams to toothpaste, hand lotion, shaving cream, shampoo, soap, perfume, and makeup—is evaluated in this book, including those ingredients marketed as being all-natural, for children, and for people of color. The alphabetical arrangement makes it easy to look up the ingredients in the products you use. With new substances popping up in products we utilize every day—and with the continuing deregulation of the cosmetics industry—*A Consumer's Dictionary of Cosmetic Ingredients* is more indispensable than ever. Everything you need to know about the safety and efficacy of cosmetics and cosmeceuticals. Is it a cosmetic? A drug? A nutrient? It's becoming more and more difficult to tell the difference with the cosmetic companies combining the three. And unlike with food additives, the FDA has little control over what goes into the products that claim to make you look more beautiful—even though cosmeceuticals (cosmetics that purport to have druglike benefits) have skyrocketed into a multibillion-dollar industry. So before you slather on

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that “wrinkle-reducing” cream or swallow a “skin-rejuvenating” vitamin, find out what’s in your health and beauty products with *A Consumer’s Dictionary of Cosmetic Ingredients*. This updated and expanded edition gives you the facts you need to protect yourself and your family from possible irritants, confusing chemical names, and the exaggerated claims of gimmicky additives. With 800 new ingredients found in toiletries, cosmetics, and cosmeceuticals—everything ranging from shampoo to shaving cream, bath lotions to Botox—this alphabetically organized guide evaluates them all, and includes targeted information for children and for people of color. *A Consumer’s Dictionary of Cosmetic Ingredients* is more indispensable than ever to anyone who cares about the health of themselves and their loved ones.

The 1,150 pages contain more information than any other comparable book. It is not a glossary or dictionary or review because all concepts are explained, not just defined or mentioned. Covers the latest developments, usually missed in textbooks and monographs. The broad range of modern genetics, of cell and molecular biology, biometry, etc. are included without glossing over the classical foundations. The hundreds of simple and clear illustrations are very useful for classroom purposes because they can be drawn on the blackboard or projected on a screen without taking much time to make the crucial points. The cross-references among the entries tie the contents into an extremely useful comprehensive textbook. The concise style leads the reader to the point without verbiage. The etymology of the

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terms is explained. The text is not intimidating and it is very easy to read because all the terms are explained within the book. Most of the biometrical procedures are presented by worked-out examples in a plain form, rarely or not found at all in other books. It effectively reaches out to non-geneticists without compromising high scientific standards. Usually the most essential features of a concept are presented at the beginning of the entry, and the reader can go as far as she/he feels needed about the logic. The WEB and e-mail addresses of databases and other sources of detailed information are very helpful. A well selected list of about 1000 references, published mainly in the last couple of years, completes the volume. The moderate price makes it a best buy, and an excellent choice to own for students, teachers, scientists, physicians, lawyers and all educated persons who cannot afford an entire library yet wish to be well informed.

Concise English Dictionary

Enlarged by some 50 percent and equipped with more comprehensive name and subject indexes, the second edition of this unique guide contains bibliographic and descriptive annotations for 8,000 dictionaries. It features 1,500 additional bilingual works, 400 new subject categories, and all the major electronic dictionaries produced in English. While the primary emphasis is on language dictionaries, subject dictionaries on topics as varied as ceramics, bookbinding, and theatre as well as dictionaries issued by international bodies and agencies are included. Covering all the world's languages, works may be bilingual, monolingual, or multilingual as long as

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there is an English element.

Vols. 8-10 of the 1965-1984 master cumulation constitute a title index.

A Dictionary of Biomedicine includes 10,000 A-Z entries on all areas of biomedicine. Entries are authoritative and wide-ranging, covering terms from the related areas of anatomy, genetics, molecular bioscience, pathology, pharmacology, and clinical medicine. Biomedicine - the study of molecular bioscience relating to disease - is playing an increasingly important role in medical application, diagnosis, and treatment. As molecular bioscience provides greater insights and techniques than ever before into the practice of modern medicine, there is an increasing need for an affordable dictionary covering the specialist language used within this evolving field. This dictionary, written by an expert in the field, fills this need by offering clear, concise definitions of even the most complex biomedical terms. Many entries feature recommended web links which are accessed and kept up to date via the Dictionary of Biomedicine companion webpage, and supplementary material includes the Greek Alphabet, SI Units and single letter codes for Amino Acids. Fully cross-referenced, it also features useful navigational entries for types of diseases and disorders - for example renal disorders - that list all related entries in the dictionary so the reader can find them quickly. Aimed primarily at molecular bioscientists, clinicians, and students of biomedical courses, the dictionary will also be an invaluable resource for patients and journalists wishing to find out more about a particular disease.

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This compact but wide-ranging reference work contains essential information on more than 1,400 South Africans, famous and infamous, who have featured prominently in the country's annals. The entries are fully cross-referenced and encompass all fields of activity, both past and present.

With over 4,000 entries, this informative A to Z provides clear, jargon-free definitions on a wide variety of mathematical terms. Its entries cover both pure and applied mathematics, and include key theories, concepts, methods, programmes, people, and terminology. For this sixth edition, around 800 new terms have been defined, expanding on the dictionary's coverage of topics such as algebra, differential geometry, algebraic geometry, representation theory, and statistics. Among this new material are articles such as cardinal arithmetic, first fundamental form, Lagrange's theorem, Navier-Stokes equations, potential, and splitting field. The existing entries have also been revised and updated to account for developments in the field. Numerous supplementary features complement the text, including detailed appendices on basic algebra, areas and volumes, trigonometric formulae, and Roman numerals. Newly added to these sections is a historical timeline of significant mathematicians lives and the emergence of key theorems. There are also illustrations, graphs, and charts throughout the text, as well as useful web links to provide access to further reading.

Fowler's Concise Dictionary of Modern English Usage is an invaluable reference work that offers the best advice on English usage. Known in previous editions as the 'Pocket Fowler', this third edition is a descendant of the original 1926 edition of A Dictionary of Modern English Usage by Henry Fowler. Based on the unrivalled evidence and research of the

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Oxford Languages Programme, the new edition answers your most frequently asked questions about language use. Should you use a split infinitive, or a preposition at the end of a sentence? Is it infer or imply? Who or whom? What are the main differences between British and American English? Over 4,000 entries offer clear recommendations on issues of grammar, pronunciation, spelling, confusable words, and written style. Real examples are drawn from OUP's vast database of classic and contemporary literary sources, newspapers and magazines, and the Internet. Jeremy Butterfield has judiciously revised the text to reflect the English usage practices and con

Practical and accessible, this dictionary is designed to enlighten those newly engaged in anthropological study or seeking a quick guide to the field. Fills a need for a beginner's pocket guide to the far-reaching and complex field of anthropology, including over 800 detailed entries and the intellectual background of terms. Written in plain, jargon-free language, for readers without extensive background in the field. Features brief, conceptual definitions of terms, bibliographical references to anthropological classics, related works for background reading and further research. The user-friendly format includes bold terms featured elsewhere in the book, extensive cross-references, and indexes of names, peoples, places and subjects. Incorporates related terminology from allied fields such as sociology, economics and geography.

Written by a team of medical experts, this market-leading illustrated dictionary contains 12,400 authoritative entries covering all aspects of medical science. The text has been fully revised and updated for this new edition to reflect the very latest in medical knowledge and practice. Entries are accessible and jargon-free and are complemented by over 145 illustrations and diagrams. This brand new edition

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includes over 450 new entries and features up-to-date coverage of public health medicine and general practice, drugs and pharmacology, endocrinology (particularly diabetology), and cardiology, amongst other specialist areas. Recommended web links are provided for many entries, accessible and kept up to date via the Medical Dictionary Companion website, and appendices have been expanded to include units of alcohol and the calculation of alcohol by volume, and a table of inherited medical conditions. Selling over a million copies in previous editions, this is an essential A-Z for students and those working in the medical and allied professions, including nurses, pharmacists, physiotherapists, social workers, hospital administrators, and medical secretaries. It is also an invaluable homereference guide for the general reader.

Written by a team of medical experts, this market-leading, two colour, illustrated dictionary contains 12,400 authoritative entries covering all aspects of medical science. The text has been fully revised and updated for this new edition to reflect the very latest in medical knowledge and practice. Entries are accessible and jargon-free and are complemented by over 145 illustrations and diagrams. This brand new edition includes over 450 new entries and features up-to-date coverage of public health medicine and general practice, drugs and pharmacology, endocrinology (particularly diabetology), and cardiology, amongst other specialist areas. Recommended web links are provided for many entries, accessible and kept up to date via the Medical Dictionary Companion website, and appendices have been expanded to include units of alcohol and the calculation of alcohol by volume, and a table of inherited medical conditions. Selling over a million copies in previous editions, this is an essential A-Z for students and those working in the medical and allied professions, including nurses, pharmacists, physiotherapists,

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social workers, hospital administrators, and medical secretaries. It is also an invaluable home reference guide for the general reader.

The Amphipathic Helix is a comprehensive volume discussing amphipathic helices in systems as diverse as serum lipoproteins, lung surfactant, cytotoxic peptides, ion channels, mitochondrial targeting, peptide hormones, G proteins, T-cell recognition, DNA binding proteins, and antifreeze proteins. The book also includes general introductory material that defines amphipathic helices, discusses methods to identify amphipathic helical segments from the amino acid sequence of a protein, illustrates how amphipathic helices can be used in the de novo design of peptide and protein structures, and describes how these helices stabilize protein structures. There is also a section on techniques to determine helix orientation in a membrane environment using polarized attenuated total reflection infrared spectroscopy or solid state NMR spectroscopy. Recent developments on all these topics have been discussed by leading experts in this reference for researchers and students in biochemistry, biophysics, and pharmacology.

Concise Dictionary of Biomedicine and Molecular Biology
CRC Press

The biological sciences cover a broad array of literature types, from younger fields like molecular biology with its reliance on recent journal articles, genomic databases, and protocol manuals to classic fields such as taxonomy with its scattered literature found in monographs and journals from the past three centuries. Using the Biological Literature: A Practical Guide, Fourth Edition is an annotated guide to selected resources in the biological sciences, presenting a wide-ranging list of important sources. This completely revised edition contains numerous new resources and descriptions of all entries including textbooks. The guide

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emphasizes current materials in the English language and includes retrospective references for historical perspective and to provide access to the taxonomic literature. It covers both print and electronic resources including monographs, journals, databases, indexes and abstracting tools, websites, and associations—providing users with listings of authoritative informational resources of both classical and recently published works. With chapters devoted to each of the main fields in the basic biological sciences, this book offers a guide to the best and most up-to-date resources in biology. It is appropriate for anyone interested in searching the biological literature, from undergraduate students to faculty, researchers, and librarians. The guide includes a supplementary website dedicated to keeping URLs of electronic and web-based resources up to date, a popular feature continued from the third edition.

This interdisciplinary work provides clear, concise, and up-to-date definitions of terms in the fields of cell biology, biochemistry, and biomedicine. Over 23,000 entries include 4,000 chemical structures and their functions and 1,100 equations of enzymatic reactions. About 600 restriction endonucleases and their specific activities are explained. Trade or brand names of drugs, mechanisms of action, and medicinal applications of antibiotics are defined. Molecular weights and chemical structures of the most commonly used chemicals, antibiotics, drugs, naturally occurring compounds, products of DNA recombinant technology and substances of environmental concern are all covered in this comprehensive reference.

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Offers definitions for English words and phrases, along with observations about the evolution of the dictionary since its first edition and tables that contain information for such topics as countries and chemical elements.

If you are studying forensic science, or a related course such as forensic chemistry or biology, then this book will be an indispensable companion throughout your entire degree programme. This 'one-stop' text will guide you through the wide range of practical, analytical and data handling skills that you will need during your studies. It will also give you a solid grounding in the wider transferable skills such as teamwork and study skills.

Identifies plants, animals, and micro-organisms, briefly describes their characteristics, and defines terms related to habitat, associations, feeding, structure, biology, and behavior

"Presented in Ojibwe-English and English-Ojibwe sections, this dictionary spells words to reflect their actual pronunciation with a direct match between the letters used and the speech sounds of Ojibwe.

Containing more than 7,000 of the most frequently used Ojibwe words."--P. [4] of cover.

This dictionary includes 10,000 A-Z entries on all areas of biomedicine. It also covers terms from related areas, including anatomy, genetics, pathology, pharmacology, and clinical medicine.

Fully cross-referenced and with web links, this is a

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clear and authoritative guide to an increasingly important area of medicine.

This book is the first to be published as a single source reference on phosphatidylcholine metabolism. It provides a cogent and timely summary of research in this topic. Beginning with a chapter by Eugene Kennedy providing an historical perspective; the book proceeds to describe the latest developments in enzymes involved in phosphatidylcholine biosynthesis. Biological chemists, students, and investigators in the field of lipid metabolism will find this book of great benefit in their research.

Lists more than sixteen thousand scientific and vernacular plant names, and describes name origins and the characteristics of plants

From Baroque to Postmodernism, Clarke presents succinct and accessible explanations of over 1,700 terms used in the wide variety of visual media in the art world. Cloth reprint February 2003

This second edition of *A Dictionary of Biomedicine* fills the need to define the specialist language used within an evolving field by offering clear, concise definitions of even the most complex biomedical terms. It includes more than 10,000 A-Z entries on all areas of biomedicine, focusing on areas that have developed since the first edition, such as genomics and biomedical science. Entries are authoritative and wide-ranging, covering terms from the related areas of anatomy, genetics, molecular bioscience, pathology,

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pharmacology, and clinical medicine. Supplementary material includes appendices on the Greek Alphabet, SI Units and single letter codes for Amino Acids. Fully cross-referenced, the dictionary also features useful navigational entries for types of diseases and disorders—for example renal disorders—that list all related entries in the dictionary so the reader can find them quickly. Aimed primarily at molecular bioscientists, clinicians, and students of biomedical courses, the dictionary is also a useful resource for patients and journalists wishing to research a particular disease. With the encroachment of the Internet into nearly all aspects of work and life, it seems as though information is everywhere. However, there is information and then there is correct, appropriate, and timely information. While we might love being able to turn to Wikipedia® for encyclopedia-like information or search Google® for the thousands of links on a topic, engineers need the best information, information that is evaluated, up-to-date, and complete. Accurate, vetted information is necessary when building new skyscrapers or developing new prosthetics for returning military veterans. While the award-winning first edition of *Using the Engineering Literature* used a roadmap analogy, we now need a three-dimensional analysis reflecting the complex and dynamic nature of research in the information age. *Using the Engineering Literature, Second Edition* provides a guide to the wide range of resources available in all fields of engineering. This second edition has been thoroughly revised and features new sections on nanotechnology as well as green engineering. The

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information age has greatly impacted the way engineers find information. Engineers have an effect, directly and indirectly, on almost all aspects of our lives, and it is vital that they find the right information at the right time to create better products and processes. Comprehensive and up to date, with expert chapter authors, this book fills a gap in the literature, providing critical information in a user-friendly format.

Based on the 7th ed. of the Oxford dictionary of quotations. Includes extensive coverage of literary and historical quotations and contains up-to-date material from today's influential literary and cultural figures. Includes 1,000 new quotes in categories such as catchphrases, film lines, official advice, and political slogans.

Myelin: Biology and Chemistry provides in-depth reviews and discussions regarding recent findings in the biology and chemistry of myelin. Topics are interdisciplinary and carry readers from the cellular level to that of the gene. Research in demyelinating diseases (naturally occurring and experimentally produced) is described and emphasizes autoimmune and virally induced mechanisms. Advances in molecular biology, such as those that provide details of the structures of the major myelin proteins, demonstrate the control of their synthesis, and explore the mutations within their genes that disrupt the process of myelination, are discussed in depth. Myelin: Biology and Chemistry will be an important addition to the libraries of molecular biologists, biochemists, cell biologists, physical chemists, immunologists, virologists, and pathologists involved in

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the study of myelin.

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