

Oxford Dictionary Of Biochemistry And Molecular Biology

This wide-ranging and authoritative dictionary contains 7,000 entries covering all areas of business and management, including marketing, organizational behaviour, business strategy, law, and taxation. Written by a team of experts, it features the very latest terminology, for example, the recent vocabulary associated with structured finance and the associated subprime lending crisis, including collateralized debt obligation and special purpose vehicle. The new edition of this established bestseller dispels modern financial and management jargon, defining entries in a clear, concise, and accessible manner. It contains US business terms, general management concepts (e.g. competence, knowledge management), named theories (e.g. Tannenbaum and Schmidt, Blake and Mouton) as well as expanded coverage of the contemporary theory of the firm and human resources. New terms are included from the fast-moving areas of current affairs (e.g. MiFID), Internet business and information technology and there is full coverage of the new Companies Act. With recommended web links for many entries, accessible and kept up to date via the Dictionary of Business and Management companion website, this edition is more informative than ever. This A-Z reference work is essential for business students, teachers and professionals, and useful for anyone needing a guide to business terminology.

Fundamental but up-to-date information is provided, arranged under 17,000 headwords. Descriptions of around 2000 enzymes and proteins are given, with details of laws, constants and formulae, in this handy reference volume.

This leading dictionary contains over 6,150 entries covering all aspects of food and nutrition, diet and health. Jargon-free definitions make this a valuable dictionary that clearly explains even the most technical of nutritional terms. From absinthe to zymogens, it covers types of food (including everyday foods and little-known foods, e.g. payusnaya), nutritional information, vitamins, minerals, and key scientific areas including metabolism and genomics. This new and fully revised edition features many entry-level web links, updated and conveniently accessible via the Dictionary of Food and Nutrition companion website, providing relevant extra information. Expanded appendices contain a wealth of useful material, including Recommended Daily Allowance lists. An essential A-Z for nutritionists, food manufacturers, caterers, health-care students, food science/technology students, and anyone who has an interest in, or enjoys, food and wants to find out more about what they eat.

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.

How Can Life Begin on Earth and Other Habitable Planets?

A Dictionary of Chemistry

Polymer Science Dictionary

Dictionaries in the Nineteenth Century

Defines terms and phrases from ecology, statistics, the earth sciences, atmospheric sciences, biochemistry, botany, and zoology, and identifies the scientific names for species of plants and animals

This first edition of A Dictionary of Dentistry provides over 4,500 definitions covering all the important terms and concepts used in dentistry today. Entries are written in clear and concise English without the use of unnecessary dental or medical jargon, and many entries are supplemented by detailed line drawings. The dictionary defines terms in a broad range of dental specialist areas including primary care, anatomy and comparative anatomy, physiology, biochemistry, radiography, radiology, orthodontics, periodontology, restorative dentistry, dental public health, paediatric dentistry, oral surgery, embryology, homeopathy, pharmacology, sedation, histology, implantology, ethics, and oral medicine. For completeness, some drugs, techniques, and instruments of historical interest have been included. It also includes a number of biographies of those who are considered to have made a highly significant contribution to dentistry. The principal muscles, nerves, arteries, veins, foramina, and sinuses of the head and neck together with illustrations are grouped together as appendices: also included is a further reading list, and a list of common symbols and abbreviations used in both the UK and America. A key feature of this book is the Dictionary of Dentistry companion website, which provides quick access to recommended web links for many entries, plus over 100 full-colour illustrations.. An essential guide for dental practitioners and dental students, it is also an invaluable reference source for all members of the dental team, medical practitioners, lawyers involved with members of the dental profession, and the general reader.

This unique dictionary is an authoritative and up-to-date reference book on all aspects of the study of plants. While many of the over 5,000 entries in The Concise Oxford Dictionary of Botany have been taken from the highly acclaimed Oxford Dictionary of Natural History, a substantial number have been written especially for this volume. Completely comprehensive, this dictionary offers concise and accessible explanations of terms from biogeology, evolution, Earth history, and all the earth sciences, as well as up-to-date entries on more current fields of interest such as ecology, genetics, plant physiology, biochemistry, and cytology. In addition, the book offers world-wide coverage of taxonomic groups and takes full account or recent taxonomical revisions. One-third of the entries are devoted to taxa, from bacteria and fungi to the main groups of flowering and non-flowering plants. Brief biographical sketches of important botanists are also included. With almost twice the number of entries as any similar dictionary, The Concise Oxford Dictionary of Botany is perfect for amateur botanists, and anyone interested in world of plants

Fully revised and updated with over 4,000 entries, this dictionary covers all the commonly encountered terms in chemistry, including physical chemistry and biochemistry.

The Oxford Dictionary for Scientific Writers and Editors

A Concise Dictionary of Biology

A Dictionary of Food and Nutrition

Concise Colour Medical Dictionary

In *Assembling Life*, David Deamer addresses questions that are the cutting edge of research on the origin of life. For instance, how did non-living organic compounds assemble into the first forms of primitive cellular life? What was the source of those compounds and the energy that produced the first nucleic acids? Did life begin in the ocean or in fresh water on terrestrial land masses? Could life have begun on Mars? The book provides an overview of conditions on the early Earth four billion years ago and explains why fresh water hot springs are a plausible alternative to salty seawater as a site where life can begin. Deamer describes his studies of organic compounds that were likely to be available in the prebiotic environment and the volcanic conditions that can drive chemical evolution toward the origin of life. The book is not exclusively Earth-centric, but instead considers whether life could begin elsewhere in our solar system. Deamer does not propose how life did begin, because we can never know that with certainty. Instead, his goal is to understand how life can begin on any habitable planet, with Earth so far being the only known example.

Nineteenth-century readers had an appetite for books so big they seemed to contain the whole world: immense novels, series of novels, encyclopaedias. Especially in Eurasia and North America, especially among the middle and upper classes, people had the space, time, and energy for very long books. More than other multi-volume nineteenth-century collections, the dictionaries, or their descendants of the same name, remain with us in the twenty-first century. Online or on paper, people still consult Oxford for British English, Webster for American, Grimm for German, Littré for French, Dahl for Russian. Even in spaces whose literary languages already had long philological and lexicographic traditions-Chinese, Japanese, Arabic, Persian, Greek, Latin-the burgeoning imperialisms and nationalisms of the nineteenth century generated new dictionaries. *The Whole World in a Book* explores a period in which globalization, industrialization, and social mobility were changing language in unimaginable ways. Newly automated technologies and systems of communication expanded the international reach of dictionaries, while rising literacy rates, book consumption, and advertising led to their unprecedented popularization. Dictionaries in the nineteenth century became more than dictionaries: they were battlefields between prestige languages and lower-status dialects; national icons celebrating the language and literature of the nation-state; and sites of innovative authorship where middle and lower classes, volunteers, women, colonial subjects, the deaf, and missionaries joined the ranks of educated white men in defining how people communicated and understood the world around them. In this volume, eighteen of the world's leading scholars investigate these lexicographers asking how the world within which they lived supported their projects? What did language itself mean for them? What goals did they try to accomplish in their dictionaries?

Biochemistry: The Chemical Reactions of Living Cells is a well-integrated, up-to-date reference for basic biochemistry, associated chemistry, and underlying biological phenomena. Biochemistry is a comprehensive account of the chemical basis of life, describing the amazingly complex structures of the compounds that make up cells, the forces that hold them together, and the chemical reactions that allow for recognition, signaling, and movement. This book contains information on the human body, its genome, and the action of muscles, eyes, and the brain. * Thousands of literature references provide introduction to current research as well as historical background * Contains twice the number of chapters of the first edition * Each chapter contains boxes of information on topics of general interest

This book brings together leading professional and academic lexicographers to report on current developments in the deployment of electronic means in the planning, writing, and dissemination of dictionaries. Every major aspect of electronic lexicography is covered by the book including dictionary types (general and specialized dictionaries, monolingual and multilingual dictionaries, collocation dictionaries, sign dictionaries, collaborative dictionaries) in a range of formats (CD-ROM, web-based, handheld), dictionary-writing systems, integration of corpora, The book also addresses the implications of electronic dictionary-making for lexicographic theory and illustrates how the new developments are integrated into innovative dictionary projects like Wiktionary. The perspective of the user is considered throughout the book, including how electronic dictionaries take account of user needs and whether and how users take advantages of the new features afforded by the electronic medium. This state-of-the-art account of developments in one of the most vibrant areas of reference publishing and language research will appeal to everyone concerned with current lexicography.

A History of Loanwords in English

Borrowed Words

Assembling Life

The Oxford English Dictionary

Provides a comprehensive survey of current biochemistry and molecular biology. The entries are short but informative, providing up-to-date information on a broad range of topics.

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

While some social scientists may argue that we have always been networked, the increased visibility of networks today across economic, political, and social domains can hardly be disputed. Social networks fundamentally shape our lives and social network analysis has become a vibrant, interdisciplinary field of research. In *The Oxford Handbook of Social Networks*, Ryan Light and James Moody have gathered forty leading scholars in sociology, archaeology, economics, statistics, and information science, among others, to provide an overview of the theory, methods, and contributions in the field of social networks. Each of the thirty-three chapters in this Handbook moves through the basics of social network analysis aimed at those seeking an introduction to advanced and novel approaches to modeling social networks statistically. They cover both a succinct background to, and future directions for, distinctive approaches to analyzing social networks. The first section of the volume consists of theoretical and methodological approaches to social networks, such as visualization and network analysis, statistical approaches to networks, and network dynamics. Chapters in the second section outline how network perspectives have contributed substantively across numerous fields, including public health, political analysis, and organizational studies. Despite the rapid spread of interest in social network analysis, few volumes capture the state-of-the-art theory, methods, and substantive contributions featured in this volume. This Handbook therefore offers a valuable resource for graduate students and faculty new to networks looking to learn new approaches, scholars interested in an overview of the field, and network analysts looking to expand their skills or substantive areas of research.

The study of the biology of tumours has grown to become markedly interdisciplinary, involving chemists, statisticians, epidemiologists, mathematicians, bioinformaticians, and computer scientists alongside biologists, geneticists, and clinicians. The Oxford Textbook of Cancer Biology brings together the most up-to-date developments from different branches of research into one coherent volume, providing a comprehensive and current account of this rapidly evolving field. Structured in eight sections, the book starts with a review of the development and biology of multi-cellular organisms, how they maintain a healthy homeostasis in an individual, and a description of the molecular basis of cancer development. The book then illustrates, as once cells become neoplastic, their signalling network is altered and pathological behaviour follows. It explores the changes that cancer cells can induce in nearby normal tissue, the new relationship established between them and the stroma, and the interaction between the immune system and tumour growth. The authors illustrate the contribution provided by high throughput techniques to map cancer at different levels, from genomic sequencing to cellular metabolic functions, and how information technology, with its vast amounts of data, is integrated with traditional cell biology to provide a global view of the disease. The effect of the different types of treatments on the biology of the neoplastic cells are explored to understand on the one side, why some treatments succeed, and on the other, how they can affect the biology of resistant and recurrent disease. The book concludes by summarizing what we know to date about cancer, and in what direction our understanding of cancer is moving. Edited by leading authorities in the field with an international team of contributors, this book is an essential resource for scholars and professionals working in the wide variety of sub-disciplines that make up today's cancer research and treatment community. It is written not only for consultation, but also for easy cover-to-cover reading.

A Dictionary of Dentistry

Oxford Dictionary of Biochemistry and Molecular Biology

Oxford Dictionary of Chemistry

Oxford Textbook of Cancer Biology

Oxford Dictionary of Biochemistry and Molecular Biology Oxford University Press

Authoritative and up-to-date, this is the perfect reference book for students of chemistry, whether at school or university. The fully revised new edition has over 1000 new entries and covers all the commonly encountered terms in chemistry, including physical chemistry and biochemistry.

In response to the expansion of knowledge in biochemistry and molecular biology, the Second Edition of this reference has been completely revised and updated, with approximately 16,000 new entries. Names of specific compounds and other substances have been substantially enlarged, and definitions have been expanded for clarity and precision. Information is drawn from over 500 books and 1,000 articles, including recommendations of the Commission on Biochemical Nomenclature, the International Union of Pure and Applied Chemistry, and the International Union of Biochemistry. Terms used by biochemists from a broad range of sciences, such as chemistry, immunology, genetics, virology, biophysics, and microbiology, are included. Abbreviations, both standard and nonstandard, are also provided, as well as cross-referenced synonymous expressions.

This volume provides concise, authoritative accounts of the approaches and methodologies of modern lexicography and of the aims and qualities of its end products. Leading scholars and professional lexicographers, from all over the world and representing all the main traditions and perspectives, assess the state of the art in every aspect of research and practice. The book is divided into four parts, reflecting the main types of lexicography. Part I looks at synchronic dictionaries - those for the general public, monolingual dictionaries for second-language learners, and bilingual dictionaries. Part II and III are devoted to the distinctive methodologies and concerns of historical dictionaries and specialist dictionaries respectively, while chapters in Part IV examine specific topics such as description and prescription; the representation of pronunciation; and the practicalities of dictionary production. The book ends with a chronology of major events in the history of lexicography. It will be a valuable resource for students, scholars, and practitioners in the field.

Vol. 1-

A Dictionary of Biology

Dictionary of Biochemistry and Molecular Biology

Biochemistry

The 3rd edition of this important dictionary offers more than 12,000 entries with expanded encyclopaedic-style definitions making this major reference work invaluable to practitioners, researchers and students working in the area of polymer science and technology. This new edition now includes entries on computer simulation and modeling, surface and interfacial properties and their characterization, functional and smart polymers. New and controlled architectures of polymers, especially dendrimers and controlled radical polymerization are also covered.

Genetics is one of the most rapidly advancing of the life sciences. This growth is accompanied by a proliferation in terminology, which constitutes a problem to the student and professional alike. Many of the words, especially those from molecular genetics, are newly coined. Other words, like those used in quantitative genetics or mutational studies, are from non-biological fields, such as statistics or physics. The text and journal reader is referred to the scientific names of species and genera, often without knowing whether the organism is a grass, an insect, or a rodent. The fourth edition of Dictionary of Genetics, containing more than 6,000 entries, will continue to be the definitive reference for students of classical and molecular genetics. In addition to the most current account of terminology available, this edition includes four newly updated appendices giving a chronology of events bearing on genetics, a list of professional journals, a classification of organisms, and a list of domesticated species.

This covers all commonly encountered terms and concepts in chemistry, including physical chemistry and biochemistry, and contains many new terms reflecting recent advances in techniques, concepts, and materials. This accessible history of how, when, and why English has borrowed words from other languages shows how to discover their origins, when and why they were adopted, and what happens to them later. The history of English shows the effects of contact with languages in many contexts, including range from Latin, Greek, Scandinavian, Celtic, French, Italian, Spanish, and Russian, to Hebrew, Maori, Malay, Chinese, Hindi, Japanese, and Yiddish. Philip Durkin describes the episodes as they occurred, from Saxon times to the present, in a book that will appeal to everyone interested in the history of English.

Pictured Glossary in Biology

Oxford Dictionary of Biochemistry and Molecular Biology

A Dictionary of Genetics

The Oxford Handbook of Social Networks

The Dictionary of Cell and Molecular Biology, Fifth Edition, provides definitions for thousands of terms used in the study of cell and molecular biology. The headword count

has been expanded to 12,000 from 10,000 in the Fourth Edition. Over 4,000 headwords have been rewritten. Some headwords have second, third, and even sixth definitions, while fewer than half are unchanged. Many of the additions were made to extend the scope in plant cell biology, microbiology, and bioinformatics. Several entries related to specific pharmaceutical compounds have been removed, while some generic entries ("alpha blockers, "NSAIDs, and "tetracycline antibiotics, for example), and some that are frequently part of the experimentalist's toolkit and probably never used in the clinic, have been retained. The Appendix includes prefixes for SI units, the Greek alphabet, useful constants, and single-letter codes for amino acids. Thoroughly revised and expanded by over 20% with over 12,000 entries in cellular and molecular biology Includes expanded coverage of terms, including plant molecular biology, microbiology and biotechnology areas Consistently provides the most complete short definitions of technical terminology for anyone working in life sciences today Features extensive cross-references Provides multiple definitions, notes on word origins, and other useful features

This book provides a survey of current biochemistry and molecular biology in the form of a dictionary. It contains short but informative entries arranged under more than 17,000 headwords, providing fundamental but up-to-date information that is often difficult to locate in today's overspecialized world. The book is intended as a handy reference of first resource for those seeking information outside their immediate knowledge area or for those who need to refresh their memory of fundamental knowledge. It gives the meanings of many terms used in molecular biology and describes the essential features of over approximately 2,000 enzymes and proteins, describing the reactions they catalyse or functions they perform, and includes filenames that facilitate the location of entries in databases of sequences. Many entries describe chemical compounds of relevance to biochemists, with approximately 950 symbols and abbreviations. In addition, many physico-chemical laws, constants, and formulae are detailed. This revised edition has been fully up-dated in order to include the new information that has been discovered since the original edition was published in 1997.

A Dictionary of Chemistry is a popular and authoritative guide to all aspects of its discipline. With over 5,000 entries, its broad coverage includes physical chemistry and biochemistry, and is heavily informed by the most current research. For this eighth edition, the Dictionary has been fully revised, making it the most up-to-date reference work of its kind. Almost 200 entirely new entries have been added, including bioethanol, genome, molecular spintronics, oganesson, phosphorylation, and reticular chemistry. Areas such as analytical chemistry, environmental chemistry, and organic chemistry have been expanded to reflect recent developments in the field. The dictionary's supplementary material has also been enhanced as new diagrams provide readers with useful visual aids, and the appendices have been substantially updated. All web links have been revised and updated, and are easily accessible via the companion website.

This new eighth edition has been fully revised and updated to reflect recent progress in the fields of biology, biophysics, and biochemistry, with particular expansion to the areas of research design and plant and animal development. Over 120 new entries include de-extinction, ecological footprint, rewilding, and Zika virus, now totalling over 5,600 authoritative and up-to-date entries. Numerous appendices include classifications of the animal and plant kingdoms, SI units, Nobel prizewinners, and a new appendix on anatomical terms. With new diagrams and updated web links, this remains the market-leading dictionary for students of biology, both at sixth form college and university level.

The Concise Oxford Dictionary of Botany

The Oxford Handbook of Lexicography

A Concise Dictionary of Chemistry

Oxford dictionary of biochemistry and molecular biology

Fully revised and updated for the seventh edition, this market-leading dictionary is the perfect guide for anyone studying biology, either at school or university. With more than 5,500 clear and concise entries, it provides comprehensive coverage of biology, biophysics, and biochemistry. Over 250 new entries include terms such as Broca's area, comparative genomic hybridization, mirror neuron, and Pandoravirus. Appendices include classifications of the animal and plant kingdoms, the geological time scale, major mass extinctions of species, model organisms and their genomes, Nobel prizewinners, and a new appendix on evolution. Entry-level web links to online resources can be accessed via a companion website.

This is part of a ten volume set of reference books offering authoritative and engaging critical overviews of the state of political science. This work explores the business end of politics, where theory meets practice in the pursuit of public good.

This dictionary provides scientists, science writers, and all who work in scientific publishing with a clear and concise style guide for the presentation of scientific information. Reflecting widely accepted usage and following the recommendations of such international scientific bodies as IUPAC and IUPAP, the dictionary offers guidance

on spelling (UK and US), punctuation, abbreviations, prefixes and suffixes, units and quantities, symbols, biological nomenclature, and the spelling of scientists' names. There are over 9,500 entries covering a wide range of scientific subjects including physics, chemistry, botany, zoology, genetics, biochemistry, immunology, microbiology, astronomy, mathematics, and computer science. The extensive tables at the end of the dictionary cover the electromagnetic spectrum, graphic and letter symbols in electronics, geological timescales, mathematical symbols, the periodic table of the elements, SI units, and the Greek alphabet. It will ensure up-to-date and consistent style for all scientific material intended for publication

This dictionary, derived from the Concise science dictionary (O.U.P. in 1984), covers all the commonly encountered terms and concepts in biology, biophysics and biochemistry, as well as key terms from medicine and palaeontology. It also includes many new terms in genetics, including genetic engineering, molecular biology, and immunology, reflecting the recent advances made in these fields.

Oxford Dictionary Of Biochemistry And Molecular Biology

The Chemical Reactions of Living Cells

The Whole World in a Book

The glossary continues to be a valuable guidance tool for biological students those studying biology either in High Schools or Science Colleges as well as scientific researchers. Everything you need for learning biological terminology is right in your hands. The language of biology is rigorous. It is among the great tools of the mind for a better understanding and more accurate network between all biologists of the life sciences. The lists of prefixes, suffixes and terms arranged alphabetically, which lets students look terms up even if they are not sure about their exact spellings. It provides comprehensive coverage of biology, and biochemistry entries on key scientists. This glossary will contain 8000 scientific words expressing all biology branches (Zoology, Botany & Microbiology). The number of the glossary in this book is more than that found in Oxford Dictionary. Fully revised and updated, the seventh edition of this popular dictionary is the ideal reference resource for students of chemistry, either at school or at university. With over 5000 entries—over 175 new to this edition—it covers all aspects of chemistry, from physical chemistry to biochemistry. The seventh edition boasts broader coverage in areas such as nuclear magnetic resonance, polymer chemistry, nanotechnology and graphene, and absolute configuration, increasing the dictionary's appeal to students in these fields. New diagrams have been added and existing diagrams updated to illustrate topics that would benefit from a visual aid. There are also biographical entries on key figures, featured entries on major topics such as polymers and crystal defects, and a chronology charting the main discoveries in atomic theory, biochemistry, explosives, and plastics.

The Oxford Dictionary of Biochemistry and Molecular Biology provides a comprehensive survey of current biochemistry and molecular biology. The entries are short but informative, providing up-to-date information on a broad range of topics. There are over 17,000 main entries, which give details of biochemical substances and the processes in which they are involved, define methods and concepts in molecular biology, and give definitions of biochemical symbols and abbreviations. Alternative names for biochemical compounds are listed and will refer the reader to the main entry where the internationally recommended biochemical nomenclature is used. Entries also include the structures and activities of chemical compounds of interest to biochemists, with over 800 illustrations of chemical structures. Brief biographical details are provided for relevant Nobel Laureates and for eponyms.

The Dictionary of Cell and Molecular Biology

Oxford Dictionary of Biochemistry and ...

A Dictionary of Biomedicine

The Oxford Dictionary of Natural History