

Formulasi Gel Ekstrak Bahan Alam Sebagai Antiinflamasi

Sehat dan Cantik dengan Cica, Centella Asiatica PENULIS: apt. Bernardus Bambang Waluyo Ukuran : 14 x 21 cm ISBN : 978-623-294-317-9 Terbit : Agustus 2020
www.guepedia.com Sinopsis: Mau tubuh sehat , wajah glowing awet muda dan panjang umur? Pakailah Cica atau Centella asiatica , sang tanaman ajaib. Kenapa demikian? Karena Cica mampu mengobati berbagai penyakit mulai dari yang ringan sampai penyakit berat di antaranya memperlancar aliran darah, mempercepat penyembuhan luka, mengoptimalkan fungsi kognitif otak dan syaraf ,hipertensi, penyakit lepra, kanker, meredakan kecemasan dan stress dan lain sebagainya. Beragam manfaat kecantikan juga terdapat dalam daun Cica yaitu mencegah timbulnya jerawat, mengatasi masalah rambut, menghilangkan stretch mark, selulit dan keloid serta digunakan dalam masalah photo aging serta dikenal sebagai bahan anti penuaan. Dalam buku ini dijelaskan cara pemakaian Cica atau Pegagan untuk berbagai macam penyakit termasuk dosisnya. Disajikan pula formula herbal berbahan Cica yang bisa dibuat di rumah sendiri, baik itu sediaan untuk diminum (oral) maupun sediaan kosmetika tradisional seperti lulur, masker, tonik dan bedak dingin. Cara budidayanya, baik secara konvensional maupun hidroponik, juga disertakan. Selamat mencoba. www.guepedia.com Email : guepedia@gmail.com WA di 081287602508 Happy shopping & reading Enjoy your day, guys

A comprehensive textbook covering the design of dosage forms and all aspects of drug delivery systems. 'Pharmaceutics' in its broadest sense is the 'art of the apothecary' or, in simple terms, pharmaceutical preparations. It remains a diverse subject in the pharmacy curriculum, encompassing design of drugs, their manufacture, and the elimination of micro-organisms from the products. This books encompasses all those areas and pays particular attention to the design of dosage forms and their manufacture.

Buku ajar ini berisi tentang sejarah Farmasi, perkembangan Farmakope Indonesia, bentuk sediaan Farmasi, penggolongan sediaan Farmasi, resep, copyresep, dan etiket resep, serbuk,kapsul,larutan,suspensi, emulsi dan sediaan galenika. Penyusunan buku ajar ini merupakan salah satu upaya untuk melengkapi bahan ajar pada mata kuliah Farmasetika. Akhirnya, penulis mengucapkan terima kasih kepada semua pihak yang berkontribusi dalam penyelesaian buku ajar ini. Semoga buku ajar ini dapat bermanfaat

Poucher's Perfumes Cosmetics and Soaps has been in print since 1923 and is the classic reference work in the field of cosmetics. Now in a fully updated 10th edition, this new volume provides a firm basic knowledge in the science of cosmetics (including toiletries) as well as incorporating the latest trends in scientific applications and legislation which have occurred since the 9th edition. This edition will not only be an excellent reference book for students entering the industry but also for those in specialized research companies, universities and other associated institutions who will be able to gain an overall picture of the modern cosmetic science and industry. The book has been logically ordered into four distinct parts. The historical overview of Part 1 contains an essay demonstrating William Arthur Poucher's influence on the 20th Century cosmetics industry as well as a chapter detailing the long history of cosmetics. Part 2 is a comprehensive listing of the properties and uses of common cosmetic types, ranging from Antiperspirants through to Sunscreen preparations. There are an increased number of raw materials in use today and their chemical, physical and safety benefits are carefully discussed along with formulation examples. The many additions since the last edition demonstrate the dramatic recent expansion in the industry and how changes in legal regulations affecting the development, production and marketing of old, established and new products are operative almost worldwide. Information on specialist products for babies and others is included within individual chapters. The chapters in Part 3 support and outline the current guidelines regarding the assessment and control of safety and stability. This information is presented chemically, physically and microbiologically. Part 3 chapters also detail requirements for the consumer acceptability of both existing and new products. Those legal regulations now in force in the EU, the USA and Japan are carefully described in a separate chapter and the remaining chapters have been extensively updated to explain the technical and practical operations needed to comply with regulations when marketing. This information will be invaluable to European Union and North American companies when preparing legally required product information dossiers. The final chapters in Part 4 contain useful information on the psychology of perfumery as well as detailing methods for the conduct of assessment trials of new products. As ingredient labelling is now an almost universal legal requirement the International Nomenclature of Cosmetics Ingredients (INCI) for raw materials has been used wherever practicable. The advertised volume is the 10th edition of what was previously known as volume 3 of Poucher's Cosmetics and Soaps. Due to changes in the industry there are no plans to bring out new editions of volume 1 and 2.

It is estimated that 80 percent of women have some degree of cellulite. Although there are no permanent solutions for cellulite, dermatologists recognize that this is an issue of importance for many women. This guide reviews current research on the pathophysiology and treatment of cellulite, as well as the many recent developments in medical therapy, liposculpture, and pharmacy to combat the appearance of cellulite in the female figure.

Dunia obat-obatan semakin berkembang seiring dengan perkembangan peradaban manusia. Saat ini kesadaran manusia untuk kembali ke alam atau dikenal dengan istilah "back to nature" membuat manusia berburu sumber obat dari bahan hayati. Penggunaan tumbuhan sebagai bahan obat herbal sudah dilakukan oleh nenek moyang manusia sejak zaman dahulu. Penyediaan informasi mengenai dunia tumbuhan obat sangat dibutuhkan oleh masyarakat. Penyediaan informasi mengenai dunia tumbuhan obat sudah banyak disajikan oleh banyak buku. Hadirnya buku TOGA INDONESIA dimaksudkan untuk melengkapi informasi yang sudah ada, terkait data taksonomi, morfologi serta aspek farmakologinya. Informasi yang disampaikan didukung oleh kajian ilmiah yang disertai data empiris. Pada buku Tanaman Obat Keluarga Indonesia berisi data taksonomis berdasarkan tata nama tumbuhan terbaru, morfologi tanaman digambarkan dengan sederhana disertai gambar sehingga pembaca mudah untuk mengenali tumbuhan yang

dimaksud. Data farmasi dibuat lebih detail terkait dengan penggunaan tumbuhan sebagai obat. Informasi penggunaan tumbuhan sebagai obat selama ini berdasarkan kebiasaan atau ramuan tradisional yang tidak disertai informasi mengenai aspek-aspek yang harus diperhatikan dalam penggunaannya. Oleh karena itu pada buku ini informasi penggunaan tumbuhan sebagai obat dilengkapi dengan informasi mengenai toksisitas, kontra indikasi, peringatan, perhatian, efek samping, dan dosis lazim berdasarkan data empiris. Informasi-informasi tersebut sangat jarang menyertai penggunaan tumbuhan obat herbal secara tradisional.

The use of additives in food is a dynamic one, as consumers demand fewer additives in foods and as governments review the list of additives approved and their permitted levels. Scientists also refine the knowledge of the risk assessment process as well as improve analytical methods and the use of alternative additives, processes or ingredients. Since the first edition of the Food Additives Databook was published, there have been numerous changes due to these developments and some additives are no longer permitted, some have new permitted levels of use and new additives have been assessed and approved. The revised second edition of this major reference work covers all the "must-have" technical data on food additives. Compiled by food industry experts with a proven track record of producing high quality reference work, this volume is the definitive resource for technologists in small, medium and large companies, and for workers in research, government and academic institutions. Coverage is of Preservatives, Enzymes, Gases, Nutritive additives, Emulsifiers, Flour additives, Acidulants, Sequestrants, Antioxidants, Flavour enhancers, Colour, Sweeteners, Polysaccharides, Solvents. Entries include information on: Function and Applications, Safety issues, International legal issues, Alternatives, Synonyms, Molecular Formula and mass, Alternative forms, Appearance, Boiling, melting, and flash points, density, purity, water content, solubility, Synergists, Antagonists, and more with full and easy-to-follow-up references. Reviews of the first edition: "Additives have their advantages for the food industry in order to provide safe and convenient food products. It is therefore essential that as much information as possible is available to allow an informed decision on the selection of an additive for a particular purpose. This data book provides such information - consisting of over 1000 pages and covering around 350 additives. This data book does provide a vast amount of information; it is what it claims to be! Overall, this is a very useful publication and a good reference book for anyone working in the food and dairy industry." —International Journal of Dairy Technology, Volume 59 Issue 2, May 2006 "This book is the best I have ever seen ... a clear winner over all other food additive books a superb edition." —SAAFOST (South African Association for Food Science and Technology)

This comprehensive book encompasses various facets of sterile product development. Key concepts relevant to the successful development of sterile products are illustrated through case studies and are covered under three sections in this book: • Formulation approaches that discuss a variety of dosage forms including protein therapeutics, lipid-based controlled delivery systems, PEGylated biotherapeutics, nasal dosage form, and vaccines • Process, container closure and delivery considerations including freeze-thaw process challenges, best practices for technology transfer to enable commercial product development, innovations and advancement in aseptic fill-finish operations, approaches to manufacturing lyophilized parenteral products, pen / auto-injector delivery devices, and associated container closure integrity testing hurdles for sterile product closures • Regulatory and quality aspects in the areas of particulate matter and appearance evaluation, sterile filtration, admixture compatibility considerations, sterilization process considerations, microbial contamination investigations and validation of rapid microbiological methods, and dry and moist heat sterilizers This book is a useful resource to scientists and researchers in both industry and academia, and it gives process and product development engineers insight into current industry practices and evolving regulatory expectations for sterile product development.

A complete and up-to-date presentation of the fundamental theoretical principles and many applications of solvent extraction, this enhanced Solvent Extraction Principles and Practice, Second Edition includes new coverage of the recent developments in solvent extraction processes, the use of solvent extraction in analytical applications and waste re Antiseptik adalah senyawa kimia yang digunakan untuk membunuh atau menghambat pertumbuhan mikroorganisme pada jaringan yang hidup seperti permukaan kulit dan membran mukosa. Antiseptik di antaranya digunakan untuk beberapa keperluan seperti mencuci tangan, membersihkan ruang operasi sebelum dan sesudah tindakan operasi, membersihkan kulit bagian luka tubuh yang akan dilakukan pembedahan, membersihkan bagian yang disiapkan untuk disuntik, baik sebelum maupun sesudah ditusuk jarum, dan membersihkan kulit secara keseluruhan. Pemanfaatan bahan-bahan alam sebagai obat tradisional akhir-akhir ini mengalami peningkatan. Penggunaan obat tradisional dinilai memiliki efek samping lebih kecil dibandingkan dengan obat yang berasal dari bahan kimia dan harganya lebih terjangkau. Delapan puluh persen penduduk Indonesia hidup di pedesaan dan kadang sulit dijangkau oleh tim medis dan obat-obatan modern. Mahalnya biaya pengobatan modern menyebabkan masyarakat keanyakan berpaling ke obat tradisional yang berasal dari alam. Buku ini berisi 9 (sembilan) bab yang di antaranya membahas mengenai Virus Corona Disease, Antiseptik, Bahan-bahan Kimiawi Antiseptik, Pemanfaatan Herbal, Tanaman Sirih Hijau (*Piper betle*), Tanaman Jeruk Nipis (*Citrus aurantifolia*), Tanaman Bundung (*Actinuscirpus grossus*), dan Hasil Uji Formulasi.

Cosmetic science covers the fields from natural sciences to human and social sciences, and is an important interdisciplinary element in various scientific disciplines. New Cosmetic Science is a completely updated comprehensive review of its 35 year old counterpart Cosmetic Science. New Cosmetic Science has been written to give as many people as possible a better understanding of the subject, from scientists and technologists specializing in cosmetic research and manufacturing, to students of cosmetic science, and people with a wide range of interests concerning cosmetics. The relationship between the various disciplines comprising cosmetic science, and cosmetics, is described in Part I. In addition to discussing the safety of cosmetics, the "Usefulness of Cosmetics", rapidly becoming an important theme, is described using research examples. The latest findings

on cosmetic stability are presented, as are databases, books and magazines, increasingly used by cosmetic scientists. Part II deals with cosmetics from a usage viewpoint, including skin care cosmetics, makeup cosmetics, hair care cosmetics, fragrances, body cosmetics, and oral care cosmetics. Oral care cosmetics and body cosmetics are presented with product performance, types, main components, prescriptions and manufacturing methods described for each item. This excellent volume enlightens the reader not only on current cosmetics and usage, but indicates future progress enlarging the beneficial effects of cosmetics. Products with better pharmaceutical properties (cosmeceuticals), working both physically and psychologically, are also highlighted.

Considers groundbreaking developments in cosmeceuticals and the two-in-one shampoo! Multifunctional Cosmetics examines the execution details one should consider when creating multifunctional products shows how to design tests to support claims considers the role of packaging in multifunctional products explores products designed to deliver, enhance

Highlighting functional changes in the structure of the epidermis and the stratum corneum, this book presents overviews of clinical and consumer testing approaches together with ex vivo evaluation procedures. It covers key aspects of personal moisturizing and washing products, such as efficacy and formulation of moisturizing ingredients, safety and regulatory guidelines involved in the formation of skin-improving technologies, development of new products, and effects of consumer testing approaches. The book explores the science behind formulating a moisturizer and uses it to the criteria for evaluating and recommending moisturizers.

Natural Products Isolation: Second Edition presents a practical overview of just how natural products can be extracted, prepared, and isolated from the source material.

Maintaining the main theme and philosophy of the first edition, this second edition incorporates all the new significant developments in this field of research. The chapters are divided into four distinct sections: introduction, extraction, chromatography, and special topics. This second edition provides substantial background information for natural product researchers and will prove a useful reference guide to all of the available techniques.

The enormous spread of modern microbiology appears to be daunting for many young students pressed for time. This book is written to fulfill the need of a comprehensive, yet student-friendly text. The book fulfills requirements of syllabus for undergraduate medical students as per MCI recommendations covering the subject in four sections: General Microbiology, Immunology, Systemic Microbiology (which includes Bacteriology, Virology and Mycology), and Clinical & Applied Microbiology.

This edition of Pharmaceutical Practice replaces the 12th edition of Cooper and Gunn's Dispensing for Pharmaceutical Students and has a redesigned and updated content.

Written by specialists in pharmacy education and practice it aims to provide a sound base for all aspects of the work.

The Handbook of Chitin and Chitosan: Chitin and Chitosan Based Polymer Materials for Various Applications, Volume Three, is a must-read for polymer chemists, physicists and engineers interested in the development of ecofriendly micro and nanostructured functional materials based on chitin and their various applications. The book addresses their isolation, preparation and properties and their composites, nanomaterials, manufacturing and characterizations. This is the third of three volumes in a series that contains the latest on the major applications of chitin and chitosan based IPN's, blends, gels, composites and nanocomposites, including environmental remediation, biomedical applications and smart material applications. Provides a comprehensive overview of Chitin and Chitosan materials, from their synthesis and nanomaterials, to their manufacture and applications Volume Three focuses on the applications of Chitin and Chitosan Includes contributions from leading researchers across the globe and from industry, academia, government and private research institutions Highlights current status and future opportunities

An internationally acclaimed reference work recognized as one of the most authoritative and comprehensive sources of information on excipients used in pharmaceutical formulation with this new edition providing 340 excipient monographs. Incorporates information on the uses, and chemical and physical properties of excipients systematically collated from a variety of international sources including: pharmacopeias, patents, primary and secondary literature, websites, and manufacturers' data; extensive data provided on the applications, licensing, and safety of excipients; comprehensively cross-referenced and indexed, with many additional excipients described as related substances and an international supplier's directory and detailed information on trade names and specific grades or types of excipients commercially available.

This proceeding contains selected papers from the National Seminar on "The Role and Strategy of Higher Education through the Results of Research and Community Service Entering the Industrial Age 4.0" which conducted on November 23rd, 2019 in Banjarmasin, Indonesia. This National Seminar was organized by Sari Mulia University, Banjarmasin, Indonesia. This conference accommodates research topics and community service from various aspects such as health, humanities, science and technology. We would like to express our appreciation and gratitude to the invited experts who have provided insights to the participants of this national seminar, as well as the research committee and paper reviewers who have worked hard until there are 95 papers worthy of publication in the NS-UNISM 2019 proceedings. Papers in this proceedings are expected to provide academic benefits, especially in broadening our horizons of understanding in our area of expertise as academics and practitioners. We realize that what we present for this publication is far from perfect. Constructive criticism is welcome for improvement. Finally, I represent the national seminar committee and also on behalf of the Sari Mulia University, Banjarmasin, Indonesia expressing my gratitude for participating and congratulating the publication of the paper in the NS-UNISM 2019. We from the Civitas Academica Sari Mulia University, together with the Committee also want to say thank you so much to all persons who have supported and actively participated in the success of this event. Hopefully this proceeding can be used as a reference in developing academic studies, technology and improving learning activities in the fields of health,

humanities, and science and technology. This proceeding contains selected papers from the National Seminar on "The Role and Strategy of Higher Education through the Results of Research and Community Service Entering the Industrial Age 4.0" which conducted on November 23rd, 2019 in Banjarmasin, Indonesia. This National Seminar was organized by Sari Mulia University, Banjarmasin, Indonesia. This conference accommodates research topics and community service from various aspects such as health, humanities, science and technology. We would like to express our appreciation and gratitude to the invited experts who have provided insights to the participants of this national seminar, as well as the research committee and paper reviewers who have worked hard until there are 95 papers worthy of publication in the NS-UNISM 2019 proceedings. Papers in this proceedings are expected to provide academic benefits, especially in broadening our horizons of understanding in our area of expertise as academics and practitioners. We realize that what we present for this publication is far from perfect. Constructive criticism is welcome for improvement. Finally, I represent the national seminar committee and also on behalf of the Sari Mulia University, Banjarmasin, Indonesia expressing my gratitude for participating and congratulating the publication of the paper in the NS-UNISM 2019. We from the Civitas Academica Sari Mulia University, together with the Committee also want to say thank you so much to all persons who have supported and actively participated in the success of this event. Hopefully this proceeding can be used as a reference in developing academic studies, technology and improving learning activities in the fields of health, humanities, and science and technology. Best regards, Dr. Ir. Agustinus Hermino, M.Pd (Vice President III for Resources and Partnerships)

Materi pada bagian buku ajar ini, memberikan perhatian khusus pada topik farmakologi obat analgesik-antipiretik-antiinflamasi. Golongan obat ini adalah untuk mengatasi nyeri, demam dan radang. Oleh sebab itu, materi ini sangat menarik untuk dibahas karena luasnya pemakaian oleh masyarakat baik dengan resep dokter ataupun tanpa resep. Hal yang paling menarik lagi untuk dibahas adalah tidak semua golongan obat yang digunakan pada manusia, cocok digunakan untuk hewan. Ini disebabkan adanya keberagaman variasi spesies dari hewan menyebabkan respon obat yang timbul pada hewan berbeda beda. Pada buku ini akan dibahas juga obat yang berhubungan dengan manusia sebagai perbandingan. Buku ini juga diperluas dengan nilai ilmiahnya dikembangkan tidak hanya secara teori tetapi juga secara praktek dengan memasukkan unsur hasil penelitian untuk melihat keamanan obat dari bahan bahan obat alam yang dikembangkan. Pada saat ini, di era New Normal perlu adanya peningkatan inovasi untuk mengembangkan obat terutama dari bahan alam. Hal ini didasarkan atas banyaknya efek samping dari obat-obat sintesis yang tidak tepat penggunaannya dan relatif langkanya pada obat-obat tertentu serta terbatasnya keterjangkauan masyarakat untuk memenuhinya. Disamping adanya muatan unsur hasil penelitian, buku ini juga bermanfaat untuk digunakan dalam praktikum farmakologi.

A companion to the 1989 book of the same title, this work is based on papers presented to a symposium organized by the Society of Cosmetic Scientist, held at the De Vere Hotel, Swindon on November 23rd and 24th, 1992.

Based on the successful textbook, Pharmaceutical Compounding and Dispensing, this book has been designed to assist the student compounder in understanding the key dosage forms encountered within extemporaneous dispensing.

Edited by a team of experienced and internationally renowned contributors, the updated Third Edition is the standard reference for cosmetic chemists and dermatologists seeking the latest innovations and technology for the formulation, design, testing, use, and production of cosmetic products for skin, hair, and nails. New features in the Third Edition: 39 new chapters reorganized by skin functions descriptions of ingredients, products, efficacy measurement, and mechanisms in each chapter revised chapters on skin types, skin perception, and targeted products new chapters on skin aging and cosmetics for the elderly strong emphasis on testing and current methods used for testing, and the evolution of instruments for skin and hair testing new ingredients, delivery systems, and testing methodologies information on skin physiology and cosmetic product design interactions affecting and attributed to cosmetic products cosmetic ingredients, vehicles, and finished products difference between pure cosmetics for enhancement and cosmetics used to treat high quality standards in cosmetic products that improve appearance, protect their targets, and maintain natural functions

buku yang berjudul Part 1 - Top 33 Chemical Engineering Essay Competition dapat terselesaikan dengan baik. Chemical Engineering Essay Competition merupakan acara yang diselenggarakan oleh Himatemia Unsika. Acara ini merupakan sebuah ajang untuk mengembangkan potensi dalam hal berkarya di bidang penulisan artikel ilmiah yang ditujukan untuk mahasiswa/i di seluruh Indonesia. Tim penyusun mengucapkan terima kasih kepada ibu Dessy Agustina Sari, S.T., M.T., selaku Koordinator Program Studi S-1 Teknik Kimia Unsika yang telah membimbing serta memantau jalannya kegiatan hingga selesai. Kemudian, pengkoordinasian antar divisi dilakukan oleh Muhammad Arif Firdaus selaku Ketua Himatemia Unsika yang mendukung kesuksesan acara Chemical Engineering Essay Competition. Tim penyusun akan mengestafetkan kegiatan ini di tahun mendatang dalam mengembangkan kreativitas di bidang karya tulis ilmiah dengan wadah Himatemia Unsika.

Herbs.

Sebagai sebuah referensi akademis terkait literasi Covid-19, buku ini sangat tepat menjadi salah satu sumber rujukan akademis bagi penyelenggara negara, dari tingkat pusat sampai penyelenggara pemerintahan desa dengan seluruh perangkatnya, dalam rangka ikhtiar membangun kebiasaan baru di tengah-tengah masyarakat. Bagi masyarakat luas, buku ini akan membantu untuk meningkatkan kesadaran (awareness) masyarakat bagaimana menghadapi dan hidup ditengah pandemi Covid-19. Semoga buku ini bermanfaat untuk kita semua, dan menjadi jariah para penulisnya, yang terus mengalirkan pahala hingga hari akhir kelak. Mari mulai kehidupan baru, dengan adaptasi kebiasaan baru, untuk meraih kehidupan yang lebih maju. Dr. (H.C.) Drs. A. Halim Iskandar, M.Pd. Menteri Desa, Pembangunan Daerah Tertinggal, dan Transmigrasi Republik Indonesia

No other area of regulatory compliance receives more attention and scrutiny by regulatory authorities than the regulation of sterile products, for obvious reasons. With the increasing number of potent products, particularly the new line of small protein products, joining the long list of proven sterile products, the technology of manufacturing sterile products is becoming increasingly important. *Cosmetic Science and Technology: Theoretical Principles and Applications* covers the fundamental aspects of cosmetic science that are necessary to understand material development, formulation, and the dermatological effects that result from the use of these products. The book fulfills this role by offering a comprehensive view of cosmetic science and technology, including environmental and dermatological concerns. As the cosmetics field quickly applies cutting-edge research to high value commercial products that have a large impact in our lives and on the world's economy, this book is an indispensable source of information that is ideal for experienced researchers and scientists, as well as non-scientists who want to learn more about this topic on an introductory level. Covers the science, preparation, function, and interaction of cosmetic products with skin Addresses safety and environmental concerns related to cosmetics and their use Provides a graphical summary with short introductory explanation for each topic Relates product type performance to its main components Describes manufacturing methods of oral care cosmetics and body cosmetics in a systematic manner

This 6th edition of the established textbook covers every aspect of drug properties from the design of dosage forms to their delivery by all routes to sites of action in the body.

Buku ini menjelaskan secara rinci dan runut tentang dasar-dasar bioteknologi yang disertai dengan aplikasi serta pemanfaatannya dalam bidang perikanan dan kelautan. Buku ini dibagi dalam tiga bagian. Bagian pertama menjelaskan tentang ruang lingkup dan dasar konsepsi bioteknologi. Bagian kedua menjelaskan tentang teknik-teknik dasar yang umum digunakan dalam penelitian bioteknologi, seperti teknik analisis genomik, proteomik, dan bioinformatika. Bagian terakhir menjelaskan tentang aplikasi dan potensi pemanfaatan bioteknologi pada bidang perikanan dan kelautan serta seperangkat bioetika yang mengikutinya. Oleh karena itu, buku ajar ini merupakan referensi yang penting dan relevan bagi pelajar, mahasiswa, dan praktisi bioteknologi di berbagai bidang, khususnya bidang bioteknologi perikanan dan kelautan

To facilitate the development of novel drug delivery systems and biotechnology-oriented drugs, the need for new excipients to be developed and approved continues to increase. *Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems* serves as a comprehensive source to improve understanding of excipients and forge new avenue

Pharmaceutics is one of the most diverse subject areas in all of pharmaceutical science. In brief, it is concerned with the scientific and technological aspects of the design and manufacture of dosage forms or medicines. An understanding of pharmaceutics is therefore vital for all pharmacists and those pharmaceutical scientists who are involved with converting a drug or a potential drug into a medicine that can be delivered safely, effectively and conveniently to the patient. Now in its fourth edition, this best-selling textbook in pharmaceutics has been brought completely up to date to reflect the rapid advances in delivery methodologies by eye and injection, advances in drug formulations and delivery methods for special groups (such as children and the elderly), nanomedicine, and pharmacognosy. At the same time the editors have striven to maintain the accessibility of the text for students of pharmacy, preserving the balance between being a suitably pitched introductory text and a clear reflection of the state of the art. provides a logical, comprehensive account of drug design and manufacture includes the science of formulation and drug delivery designed and written for newcomers to the design of dosage forms New to this edition New editor: Kevin Taylor, Professor of Clinical Pharmaceutics, School of Pharmacy, University of London. Twenty-two new contributors. Six new chapters covering parenteral and ocular delivery; design and administration of medicines for the children and elderly; the latest in plant medicines; nanotechnology and nanomedicines, and the delivery of biopharmaceuticals. Thoroughly revised and updated throughout.

The most trusted and up-to-date pharmacology text in medicine -- completely redesigned to make the learning process even more interesting and efficient 5 Star Doody's Review! "This is the most widely used textbook for teaching pharmacology to health professionals. This 11th edition is far superior to any previous editions....The authors' goals are to provide a complete, authoritative, current, and readable textbook of pharmacology for students in health sciences. Testimony to their success is the widespread use of this work as required textbook for pharmacology courses around the world. This book is used extensively by thousands of medical, pharmacy, podiatry, nursing, and other health professions students to study pharmacology. Likewise, it remains a valuable resource for residents and practicing physicians....I continue to use this book as a required resource for all courses that I teach to medical, nursing, and allied health students. It is authoritative, readable, and supported by numerous learning tools."--Doody's Review Service Organized to reflect the syllabi in Pharmacology courses, *Basic & Clinical Pharmacology* covers all the important concepts students need to know about the science of pharmacology and its application to clinical practice. It is acknowledged worldwide as the field's most current, authoritative, and comprehensive textbook. To be as clinically relevant as possible, the book features a strong focus on the choice and use of drugs in patients and the monitoring of their effects. Coverage that spans every important aspect of medical pharmacology: Basic Principles Autonomic Drugs Cardiovascular-Renal Drugs Drugs with Important Actions on Smooth Muscle Drugs that Act in the Central Nervous System Drugs Used to Treat Diseases of the Blood, Inflammation, and Gout Endocrine Drugs Chemotherapeutic Drugs Toxicology NEW to this edition: Full-color presentation, including 300+ illustrations Case studies introduce clinical problems in many chapters Drug summary tables for key information in comparative context Descriptions of important newly released drugs, including new immunopharmacologic agents Expanded coverage of general concepts relating to newly discovered receptors, receptor mechanisms, and drug transporters

Tarascon Pocket Pharmacopoeia, 2008 Deluxe Lab-Coat Pocket Edition continues high-quality tradition of a convenient and organized pocket manual detailing typical drug dosing (both FDA approved and off-label uses), available trade and generic formulations, metabolism, Canadian drug names, relative pricing, information, and safety in pregnancy and lactation. The Deluxe takes it all a step further by including additional drugs and dosing indications, black-box warnings, notes of cytochrome P450 isozymes, Packed with this expanded information and more tables than the Classic, the Deluxe is still small enough to comfortably fit in our labcoat pocket. As with the Classic, all entries are meticulously peer-reviewed by drug information experts and clinicians of multiple specialties.

Oxbow says: This fascinating study of how people understood and used their senses in the late medieval period draws on evidence from a range of literary texts, documents and records, as well as material culture and architectural sources.

Designed as an educational and training text, this book provides a clear and easily understandable review of cosmetics and over the counter (OTC) drug-cosmetic products. The text features learning objectives, key concepts, and key terms at the beginning and review questions and glossary of terms at the end of each chapter section. • Overviews functions, product design, formulation and development, and quality control of cosmetic ingredients • Discusses physiological, pharmaceutical, and formulation knowledge of decorative care products • Reviews basic terms and definitions used in the cosmetic industry and provides an overview of the regulatory environment in the US • Includes learning objectives, key concepts, and key terms at the beginning and review questions and glossary of terms at the end of each chapter section • Has PowerPoint slides as ancillaries, downloadable from the book's wiley.com page, for adopting professors

Fungi are eukaryotic microorganisms that are closely related to humans at cellular level. Human fungal pathogens belong to various classes of fungi, mainly zygo- cetes, ascomycetes, basidiomycetes, and deuteromycetes. In recent years, fungal infections have dramatically increased as a result of improved diagnosis, high frequency of catheterization, instrumentation, etc. However, the main cause remains the increasing number of immunosuppressed patients, mostly because of HIV infection and indiscriminate usage of antineoplastic and immunosuppressive agents, broad-spectrum antibiotics and prosthetic devices, and grafts in clinical settings. Presently available means of combating fungal infections are still weak and clumsy compared to control of bacterial infection. The present scenario of antifungal therapy is still based on two classes of antifungal drugs (polyenes and azoles). These drugs are effective in many cases, but display toxicity and limited spectrum of ef?cacy. The recent trend towards emergence of drug-resistant isolates in the clinic is an additional problem. In recent years, a few new antifungal drugs have entered the clinics, but they are expected to undergo same fate as the older antifungal drugs. The application of fungal genomics offers an unparalleled opportunity to develop novel antifungal drugs. However, it is too early to expect any novel drugs, as the antifungal drug discovery program is in the stage of infancy. Interestingly, several novel antifungal drug targets have been identi?ed and validated.

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