

Allergy Principles And Practice

Allergic rhinitis, rhinoconjunctivitis and asthma are some of the most common presenting problems in clinical practice. While standard pharmacotherapy can control the symptoms of these respiratory allergies in most cases, accurate and specific diagnosis enables the implementation of allergen avoidance and allergen-specific immunotherapy. 'Fast Facts: Respiratory Allergies' provides:

- the basic principles of allergy and its role in these common respiratory conditions
- a better understanding of the distribution and seasonality of aeroallergens
- the tools to obtain a comprehensive respiratory allergy history
- an overview of diagnostic tests and the latest treatment options.

This handy, fast-reference resource is ideal for all primary care providers, general internal medicine doctors and allied health professionals looking to reduce their patients' medication requirements and treatment side effects and ultimately improve their quality of life. Table of Contents:

- Epidemiology, etiology and pathophysiology
- Aeroallergens
- Diagnosis
- Management
- Delivery of medication
- Future directions

Narrative medicine is a fresh discipline of health care that helps patients and health professionals to tell and listen to the complex and unique stories of illness. The Principles and Practice of Narrative Medicine expresses the collective experience and discoveries of the originators of the field. Arising at Columbia University in 2000 from roots in the humanities and patient-centered care, narrative medicine draws patients, doctors, nurses, therapists, and health activists together to re-imagine a health care based on trust and trustworthiness, humility, and mutual recognition. Over a decade of education and research has crystallized the goals and methods of narrative medicine, leading to increasingly powerful means to improve the care that patients receive. The methods described in this book harness creativity and insight to help the professionals in being with patients, not just to diagnose and treat them but to bear witness to what they undergo. Narrative medicine training in literary theory, philosophy, narrative ethics, and the creative arts increases clinicians' capacity to perceive the turmoil and suffering borne by patients and to help them to cohere or endure the chaos of illness. Narrative medicine has achieved an international reputation and reach. Many health care settings adopt methods of narrative medicine in teaching and practice. Through the Master of Science in Narrative Medicine graduate program and health professions school curricula at Columbia University, more and more clinicians and scholars have obtained the rigorous training necessary to practice and teach narrative medicine. This text is offered to all who seek the opportunity for disciplined training in narrative medicine. By clearly articulating our principles and practice, this book provides the standards of the field for those who want to join us in seeking authenticity, recognition, affiliation, and justice in a narrative health care.

This best-selling resource has a worldwide reputation as the leader in its field. Focusing on human immunology and biology, while also reporting on scientific experimentation and advancement, it provides comprehensive coverage of state-of-the-art basic science as well as authoritative guidance on the practical aspects of day-to-day diagnosis and management. This new edition includes 700 full-color illustrations and a new, more accessible format to make finding information a snap for the busy practitioner. And this Expert Consult Edition offers online access to the complete contents of the 2-volume set, fully searchable, and much more. Includes a glossary of allergy and immunology for quick and easy reference. Contains keypoints and clinical pearls highlighted to find important information quickly. links to useful online resources both for you and for your patients. Offers contributions from hundreds of international authorities for world-class expertise in overcoming any clinical challenge. Contains 400 new illustrations, 700 in all, to better illustrate complex immunology. Covers the very latest in the field, including hot topics such as food allergy and immunotherapy. Includes the latest guidelines from The National Asthma Education and Prevention Program (NAEPP). Utilizes a new, more user-friendly full-color format for easier reference. Includes online access to the entire contents of the book, fully searchable, with links to MEDLINE abstracts for all of the references.

With complete, concise coverage of prevention, indications, diagnosis, and treatment, Pediatric Allergy, 4th Edition, is your go-to resource for current, clinically-focused content in the rapidly changing field of allergies and immune-mediated diseases in children. This highly regarded reference fully covers immunology and origins of allergy, growth and development, pregnancy, infancy, and early, middle, and late childhood—all with a new, practical, clinical focus. You'll find authoritative coverage of the full range of allergies in pediatric patients, from asthma and other common conditions to rare or uncommon allergies, providing a one-stop resource for clinicians across specialties who care for children. Focuses on the clinical application of science to the bedside, including clinical pearls discussing best practice approaches and guidelines. Integrates the latest research on the origins of allergy in early life, including pregnancy, the neonate, and infants. Includes new, evidence-based management guidelines for various diseases, including food allergy, atopic dermatitis, asthma and immunodeficiency. Provides new content on the prevention of allergies; asthma, eczema, and food allergies in young children; and extensive current guidelines and new therapies. Offers up-to-date information on key areas such as food challenges, skin testing, IgE diagnostic labs, immunotherapy, clinical immunology diagnostic testing, molecular diagnostics, and lung function testing. Highlights current guidance from a new team of leading experts with 150 anatomic schematics, clinical photos, and algorithms—many new to this edition. Covers gene therapy, stem-cell therapy, and a host of immunodeficiency diseases found in children with allergies. Discusses targeted biologics for severe allergic diseases, defects of innate immunity, rheumatic diseases of childhood, and inflammatory disorders. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Veterinary Immunology: Principles and Practice has become the adopted text in numerous veterinary schools throughout the world. Widely updated with advances in knowledge since 2011, this second edition reflects the rapid development in the field. The new edition presents expanded information on commonly used diagnostic test procedures and discusses

Reserve your copy now This two volume book is an outstanding reference source on all aspects of allergy and allergic diseases. Covering virtually every allergic condition, from the immunological and molecular basis of the allergic response to future trends in allergic disease prevention, this new international editorial team (A.B.Kay, Jean Bousquet, Pat Holt and Allen Kaplan) have completely revised and updated the text, from both a scientific and clinical perspective. References will continue to be added to the text until it goes to press making this the most up-to-date book available in the field. This second edition consists of more than 1,800 pages contained within 98 chapters. The price includes a fully searchable companion CD ROM with the complete text and over 300 images from the book in full colour.

The foremost guide to diagnosing, testing, and treating all major ENT allergies by Drs. King, Mabry, Mabry, Gordon and Marple is back in a completely updated second edition. Combining

practical management strategies with the latest advances, here is the complete how-to resource for health professionals who treat ear, nose, and throat allergies. It covers everything from testing methods and pharmacotherapy, to food allergies, allergic and non-allergic rhinitis, pediatric allergies, and sinusitis --key information for every practice. Special features: Walks you through basic procedures such as assessing patient history, identifying symptoms, starting immunotherapy, skin and in vitro testing, and heading off allergenic emergencies Every chapter revised and updated, including key advances in immunology and pharmacotherapy, the role of fungi in chronic rhinosinusitis, and more Brief capsules of pertinent information for nurses, pediatricians, primary care specialists, and ancillary personnel--written by a highly experienced otolaryngic nurse Recommendations for adding allergy care to an existing ENT practice, finding qualified staff, preparing the office, and interacting with patients Useful appendices covering plant cross-reactivity, pollen distribution and allergenic foods Easy to implement for both the physician and ancillary caregiver, and with valuable tips from an experienced otolaryngic nurse, here is the only text to provide a clear, step-by-step approach to the practice of otolaryngic allergy. It belongs within easy reach of all physicians who want to expand their practice in this rapidly growing field.

Accompanying CD-ROM contains illustrations from the book. These images can be used in PowerPoint. Also contains a Macromedia Flash-based program.

A concise, easy-to-read, comprehensive, and up-to-date guide designed to help primary care physicians, pediatricians, and internists with the day-to-day diagnosis and treatment of their allergic patients. Its distinguished contributors--all highly experienced clinicians--integrate our latest understanding of the basic mechanisms of allergic disease and develop state-of-the-art treatment protocols that allow busy physicians to sharpen their allergy management strategies significantly. "Summary Boxes" utilized throughout book summarize crucial points and processes for time-pressured physicians, allowing them to quickly grasp a therapeutic situation and determine the best and most up-to-date treatment options. Each chapter contains numerous figures and tables to enhance understanding, treatment algorithms, and a list of suggested readings carefully chosen to deepen knowledge and insight into key points.

Offering today's most authoritative, comprehensive coverage of sleep disorders, Kryger's Principles and Practice of Sleep Medicine, 7th Edition, is a must-have resource for sleep medicine specialists, fellows, trainees, and technicians, as well as pulmonologists, neurologists, and other clinicians who see patients with sleep-related issues. It provides a solid understanding of underlying basic science as well as complete coverage of emerging advances in management and treatment for a widely diverse patient population. Evidence-based content, hundreds of full-color illustrations, and a wealth of additional resources online help you make well-informed clinical decisions and offer your patients the best possible care. Contains new chapters on sleep in intersex and transgender individuals; sleep telemedicine and remote PAP adherence monitoring; and sleep and the menstrual cycle, as well as increased coverage of treatment and management of pediatric patients. Includes expanded sections on pharmacology, sleep in individuals with other medical disorders, and methodology. Discusses updated treatments for sleep apnea and advancements in CPAP therapy. Offers access to 95 video clips online, including expert interviews and sleep study footage of various sleep disorders. Meets the needs of practicing clinicians as well as those preparing for the sleep medicine fellowship examination or recertification exams, with more than 950 self-assessment questions, answers, and rationales online. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

When you need a quick consult, turn to The Washington Manual™ Subspecialty Consult Series Prepared by specialty residents, fellows and staff in the Department of Medicine at Washington University School of Medicine, and reviewed by attending physicians in each field—each volume in this renowned series delivers the on-the-spot help you need to provide quality patient management. Right from the initial chapter, you'll learn how to take a patient history, how to interpret exam findings, what tests to order, how to complete the workup, and how to formulate an effective management plan. The Second Edition of this dynamic quick reference continues to provide the practical, stepwise guidance you've come to trust from The Washington Manual™ and has been fully updated to include the most current diagnostic tests, workup tips, drugs and other therapeutic interventions available. · Coverage of inpatient and outpatient approaches features the same front-line practicality as The Washington Manual™ of Medical Therapeutics · Symptom- and disease-oriented sections address both chronic and acute problems to prepare you for any scenario · Essential clinical information on commonly encountered problems including diagnosis and management of drug allergy, anaphylaxis, asthma, immunotherapy, and immunodeficiency at your fingertips · Useful appendixes provide a hands-on review of drugs commonly used in the treatment of allergy and asthma, as well as lab values for selected immunologic tests and a sample schedule for perennial aqueous therapy · Key points to remember in each chapter deliver vital diagnostic and treatment information NEW to the Second Edition... · Updated content reflects the latest clinical advances and practice standards · New formatting follows consistent subheadings to make key facts easier to find · New chapters detail the latest diagnostic criteria, testing, and treatment options Don't miss the other titles in this series... Cardiology Endocrinology General Internal Medicine Hematology and Oncology Infectious Diseases Nephrology Pulmonary Medicine Rheumatology The Washington Manual™ is a registered mark belonging to Washington University in St. Louis to which international legal protection applies. The mark is used in this publication by LWW under license from Washington University.

Allergy and Allergen Immunotherapy: New Mechanisms and Strategies is a valuable and comprehensive book that covers allergy and causative allergens and provides diagnostic and therapeutic aspects as well. With chapters from internationally recognized experts in the field, the book provides a balanced approach to enumerating pollen allergens as well as allergy diagnosis and therapeutic management and safety assessment of genetically engineered food allergens. The book features a special section on allergic diseases and allergens from tropical countries, including such countries such as India, Sri Lanka, Iran, and South Korea, giving the book a global appeal. The book is

broken in the following sections: Epidemiology, Pathophysiology, and Diagnosis of Allergy Aerobiology and Allergic Diseases Pollen Allergy in the Tropics and Temperate Regions Allergy in Children Food Allergy Evaluation Allergen Immunotherapy and Anti IgE The book deals not only on basics of allergy and allergen immunotherapy but also discusses indoor environments and safety considerations of genetically modified food allergens. The first of its kind volume from the Indian subcontinent that caters to the needs of clinicians, aerobiologists, environmentalists, and regulatory agencies as well, the volume will be of immense interest for clinicians and patients of allergy as well as diagnostic and therapeutic management of allergy in tropics.

Perfect for clinicians in both primary and secondary care settings, Allergy Essentials, 2nd Edition, covers the information you need most in your daily practice, with a strong emphasis on disease diagnosis and management. In one concise, convenient volume, it covers all common allergies in children and adults, offering authoritative content from the world's leading allergy experts in conjunction with primary care/family practitioners for a practical, balanced approach. You'll find up-to-date information on everything from basic immunology and physiology to new medications, new therapies, and individualized treatment options, allowing you to confidently integrate these changes into your practice. Offers a practical approach to evaluation, differential diagnosis, and treatment of allergic disorders, focused specifically on what the non-specialist needs to know for everyday practice. Includes new content on allergen-specific immunotherapy as well as a new chapter on precision medicine. Covers the most recent allergy tests, including blood tests, and includes current discussions of biologicals as therapeutics. Provides focused, relevant information on basic immunology and physiology, epidemiology, and allergens. Begins each chapter with a handy summary of key concepts to help you quickly identify important information. Authored by the same internationally recognized experts that produce Middleton's Allergy, the definitive text in the field. An ideal resource for primary care providers who are increasingly seeing and treating patients with allergic conditions as well as allergists who need a concise and current practice reference. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Completely revised and updated for its Fourth Edition, this Spiral(R) Manual is a quick-reference guide to the diagnosis and treatment of allergies and immunologic disorders in children and adults. Coverage includes allergic and immunologic disorders of each organ system; anaphylaxis; insect, drug, and food allergies; rheumatic diseases; immunohematology; transplantation immunology; primary immunodeficiency diseases; HIV disease and related opportunistic infections; immunologic diagnostic techniques; and immunization and immunoprophylaxis. The book is written in an easy-to-scan outline format, with numerous tables. Fourteen appendices provide rapid access to essential information, including normal laboratory values, allergy elimination diets, and manufacturers of allergenic extracts and environmental control products. A Brandon-Hill recommended title.

Revised and updated for its Seventh Edition, this highly acclaimed volume is a complete, current, and practical guide to the diagnosis and treatment of allergic disorders. This comprehensive yet concise reference will remain the first choice for residents and practitioners who need guidance to identify an allergy, confirm a diagnosis, or find effective therapies. It will also be an excellent aid for board review. This edition includes discussions of clinical trials in asthma and significant updates on drug allergy, imaging, occupational allergy, and immune deficiency evaluation. A Companion Website will include the fully searchable text and additional illustrations and tables.

Presenting current information on the diagnosis, management, and treatment of allergies occurring in children, this handbook contains 60 contributions by doctors, psychiatrists, pathologists, geneticists, and other scientists. After discussing the causes and impact of allergic diseases, the book covers immunological diseases, immune-directed therapies, upper airway disease, asthma, food allergies, allergic skin and eye diseases, and drug allergy and anaphylaxis.

A life-changing, research-based program that will end food allergies in children and adults forever. The problem of food allergy is exploding around us. But this book offers the first glimpse of hope with a powerful message: You can work with your family and your doctor to eliminate your food allergy forever. The trailblazing research of Dr. Kari Nadeau at Stanford University reveals that food allergy is not a life sentence, because the immune system can be retrained. Food allergies--from mild hives to life-threatening airway constriction--can be disrupted, slowed, and stopped. The key is a strategy called immunotherapy (IT)--the controlled, gradual reintroduction of an allergen into the body. With innovations that include state-of-the-art therapies targeting specific components of the immune system, Dr. Nadeau and her team have increased the speed and effectiveness of this treatment to a matter of months. New York Times bestselling author Sloan Barnett, the mother of two children with food allergies, provides a lay perspective that helps make Dr. Nadeau's research accessible for everyone. Together, they walk readers through every aspect of food allergy, including how to find the right treatment and how to manage the ongoing fear of allergens that haunts so many sufferers, to give us a clear, supportive plan to combat a major national and global health issue.

Through eight outstanding editions, Middleton's Allergy: Principles and Practice has been the reference of choice for both clinicians and researchers as both a practical reference and an effective self-assessment tool for board preparation. The 9th Edition continues the tradition of excellence with comprehensive coverage of all basic science and clinical applications regarding allergy practice and disease mechanisms. It brings you fully up to date with recent innovations in the diagnosis, prevention, and management of allergic disorders, including emerging global issues, the advent of precision medicine, and new immunologic therapies. Offers unparalleled depth and up-to-date guidance on the full spectrum of allergy across the lifespan, with significant updates throughout. Contains new chapters on Innate Lymphoid Cells, Systems Biology, and Treatment of Primary Immunodeficiency Diseases. Discusses emerging topics such as epidemic thunderstorm asthma and precision medicine in allergic disorders. Features more than 730 full-color

illustrations, including many new cellular and molecular drawings of disease mechanisms. Includes new Summary of Important Concepts boxes, plus new multiple-choice questions online with explanations and answers. Features a new team of expert editors and more international contributors for a global perspective of this complex field. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices. The third edition of Pediatric Allergy continues this title's steadfast tradition of providing comprehensive, authoritative guidance on the day-to-day diagnosis and management of pediatric allergic and immunologic diseases. You'll have the most up-to-date research at hand thanks to an easily accessible full-color format that highlights a host of new chapters, extensive updates, and clinically focused coverage. Whether you're a student, resident, pediatrician or allergist, you'll appreciate this user-friendly and versatile source for providing optimal care! Includes diagnostic tests available for asthma, upper respiratory allergy, and more. Equips you with an understanding of the immune mechanisms underlying allergic diseases. Features coverage of drug allergies and cross-reactivity. Highlights clinical pearls discussing the best approaches to the care and treatment of pediatric patients. Appendices listing common food allergies and autoantibodies in autoimmune diseases make for quick reference to essential material. Revised asthma section examines current asthma guidelines; school-centered asthma programs; exercise-induced asthma; and new directions in asthma therapy. Includes the most current knowledge relating to emerging asthma within young children, medication adherence, and the impact of infection on the natural history of asthma. New information on gene therapy, stem-cell therapy, and a host of new immunodeficiency diseases helps you obtain the best results from the therapeutics for pediatric allergic and immunologic diseases. Features brand-new chapters on immunopathology; diagnostics and management; potential immunotherapeutic strategies for treating food allergies; current status of immunotherapy for food allergy; and biologic therapies. Focused coverage of today's hot topics in pediatric allergy includes the use of targeted biologics to treat specific activation pathways leading to severe allergic diseases; defects of innate immunity; rheumatic diseases of childhood; and inflammatory disorders. Discusses new studies examining potential etiologies for the increase in food allergy and examines potential immunotherapeutic strategies for treating food allergies. New evidence-based principles of medical care help you make the best use of available medications for your patients.

For decades, health care practitioners have relied on Middleton's Allergy as their go-to reference for comprehensive information on allergic disorders. Now Middleton's Allergy Essentials, by Drs. Robyn E. O'Hehir, Stephen T. Holgate, and Aziz Sheikh, offers a concise resource that's both easily accessible and highly authoritative. Perfect for clinicians in primary and secondary care settings, this practical volume covers what is most useful in your daily practice, with a strong emphasis on disease diagnosis and management. A practical approach to evaluation, differential diagnosis, and treatment of allergic disorders, focused specifically on what the non-specialist needs to know for everyday practice. Each chapter begins with a handy summary of key concepts to help you quickly identify important information. Coverage of today's hot topics includes asthma, drug allergies, food allergies and gastrointestinal disorders, anaphylaxis, atopic dermatitis, and allergic contact dermatitis. Concise sections on mechanisms are included where relevant, keeping you up to date with this rapidly evolving field. Authored by the same internationally recognized experts that produce Middleton's Allergy, the definitive text in the field. Ideal for physicians, residents, general and family practitioners, nurse practitioners, primary care doctors, hospitalists, general internists – anyone who is called upon to make effective diagnostic and treatment decisions regarding allergic disorders.

This reference collects the latest studies on the development, diagnosis, and treatment of childhood asthma and offers current perspectives on new technologies that will shape the management of pediatric asthma in the forthcoming decade-illustrating how advances in pulmonary function measurement, inflammatory markers, imaging, and pharmacogenetics will enhance the diagnosis and monitoring of asthma in years to come.

Risk Management for Food Allergy is developed by a team of scientists and industry professionals who understand the importance of allergen risk assessment and presents practical, real-world guidance for food manufacturers. With more than 12 million Americans suffering from food allergies and little indication of what is causing that number to continue to grow, food producers, packagers and distributors need to appropriately process, label and deliver their products to ensure the safety of customers with allergic conditions. By identifying risk factors during processing as well as determining appropriate "safe" thresholds of ingredients, the food industry must take increasingly proactive steps to avoid direct or cross-contamination as well as ensuring that their products are appropriately labeled and identified for those at risk. This book covers a range of critical topics in this area, including the epidemiology of food allergy, assessing allergen thresholds and risk, specifics of gluten management and celiac disease, and much more. The practical advice on factory risk management, catering industry practices, allergen detection and measurement and regulatory controls is key for food industry professionals as well as regulators in government and other public bodies. Science-based insights into the potential risks of food allergens Focused section on determining thresholds Practical guidance on food allergen risk management, including case studies

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Immunodeficiency Diseases. Discusses emerging topics such as epidemic thunderstorm asthma and precision medicine in allergic disorders. Features more than 730 full-color illustrations, including many new cellular and molecular drawings of disease mechanisms. Includes new Summary of Important Concepts boxes, plus new multiple-choice questions online with explanations and answers. Features a new team of expert editors and more international contributors for a global perspective of this complex field. This best-selling resource has a worldwide reputation as the leader in its field. Focusing on human immunology and biology, while also reporting on scientific experimentation and advancement, it provides comprehensive coverage of state-of-the-art basic science as well as authoritative guidance on the practical aspects of day-to-day diagnosis and management. This new edition includes 700 full-color illustrations and a new, more accessible format to make finding information a snap for the busy practitioner. And this Expert Consult Edition offers online access to the complete contents of the 2-volume set, fully searchable, and much more. Includes a glossary of allergy and immunology for quick and easy reference. Contains keypoints and clinical pearls highlighted to find important information quickly. links to useful online resources both for you and for your patients. Offers contributions from hundreds of international authorities for world-class expertise in overcoming any clinical challenge.

With a focus on improving diagnosis and treatment, Drug Allergy Testing is your new go-to resource for understanding various drug allergies and testing methods, the epidemiology of and economic impact of drug allergies, and new drug and allergy developments. Features a wealth of up-to-date information for allergists, immunologists, and primary care physicians who diagnose and treat patients with drug allergies and hypersensitivity. Covers the basics of drug allergy evaluation and management as well as specific drugs including antibiotics, ASA/NSAIDs, chemotherapeutic agents and monoclonal antibodies.

The new edition of Allergy, by Drs. Stephen Holgate, Martin Church, David Broide, and Fernando Martinez, uses an enhanced clinical focus to provide the clear, accessible guidance you need to treat allergy patients. A more consistent format throughout features new differential diagnosis and treatment algorithms, updated therapeutic drug information in each chapter, and additional coverage of pediatric allergies. With current discussions of asthma, allergens, pollutants, drug treatment, and more, this comprehensive resource is ideal for any non-specialist who treats patients with allergies. Prescribe appropriate therapies and effectively manage patients' allergies using detailed treatment protocols. Identify allergic conditions quickly and easily with algorithms that provide at-a-glance assistance. Explore topics in greater detail using extensive references to key literature. Manage allergies in both adult and pediatric patients using coverage of treatment practices for both in each chapter. Stay current on hot topics including asthma, allergens, pollutants, and more. Get up-to-date coverage of cell-based condition with brand new chapters on Eosinophilia: Clinical Manifestations and Therapeutic Options and Systemic Mastocytosis. Apply the latest best practices through new and updated treatment algorithms. Find therapeutic drug information more easily with guidance incorporated into each chapter.

Mount Sinai Expert Guides: Allergy and Clinical Immunology will provide trainees in allergy and immunology with an extremely clinical and accessible handbook covering the major disorders and symptoms, their diagnosis and clinical management. Perfect as a point-of-care resource on the hospital wards and also as a refresher for board exam preparation, the focus throughout is on providing rapid reference, essential information on each disorder to allow for quick, easy browsing and assimilation of the must-know information. All chapters follow a consistent template including the following features: An opening bottom-line/key points section Classification, pathogenesis and prevention of disorder Evidence-based diagnosis, including relevant algorithms, laboratory and imaging tests, and potential pitfalls when diagnosing a patient Disease management including commonly used medications with dosages, management algorithms and how to prevent complications How to manage special populations, ie, in pregnancy, children and the elderly The very latest evidence-based results, major society guidelines and key external sources to consult In addition, the book comes with a companion website housing extra features such as case studies with related questions for self-assessment, key patient advice and ICD codes. Each guide also has its own mobile app available for purchase, allowing you rapid access to the key features wherever you may be. If you're specialising in allergy and immunology and require concise, practical and clinical guidance from one of the world's leading institutions in this field, then this is the perfect book for you.

The Immune Response is a unique reference work covering the basic and clinical principles of immunology in a modern and comprehensive fashion. Written in an engaging conversational style, the book conveys the broad scope and fascinating appeal of immunology. The book is beautifully illustrated with superb figures as well as many full color plates. This extraordinary work will be an invaluable resource for lecturers and graduate students in immunology, as well as a vital reference for research scientists and clinicians studying related areas in the life and medical sciences. Current and thorough 30 chapter reference reviewed by luminaries in the field Unique 'single voice' ensures consistency of definitions and concepts Comprehensive and elegant illustrations bring key concepts to life Provides historical context to allow fuller understanding of key issues Introductory chapters 1-4 serve as an 'Immunology Primer' before topics are discussed in more detail

The third edition of Pediatric Allergy continues this title's steadfast tradition of providing comprehensive, authoritative guidance on the day-to-day diagnosis and management of pediatric allergic and immunologic diseases. You'll have the most up-to-date research at hand thanks to an easily accessible full-color format that highlights a host of new chapters, extensive updates, and clinically focused coverage. Whether you're a student, resident, pediatrician or allergist, you'll appreciate this user-friendly and versatile source for providing optimal care! Includes diagnostic tests available for asthma, upper respiratory allergy, and more. Equips you with an understanding of the immune mechanisms underlying allergic diseases. Features coverage of drug allergies and cross-reactivity. Highlights clinical pearls discussing the best approaches to the care and treatment of pediatric patients. Appendices listing common food allergies and autoantibodies in autoimmune diseases make for quick reference to essential material. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the book on a variety of devices. Revised asthma section examines current asthma guidelines; school-centered asthma programs; exercise-induced asthma; and new directions in asthma therapy. Includes the most current knowledge relating to emerging asthma within young children, medication adherence, and the impact of infection on the natural history of asthma. New information on gene therapy, stem-cell therapy, and a host of new immunodeficiency diseases helps you obtain the best results from

the therapeutics for pediatric allergic and immunologic diseases. Features brand-new chapters on immunopathology; diagnostics and management; potential immunotherapeutic strategies for treating food allergies; current status of immunotherapy for food allergy; and biologic therapies. Focused coverage of today's hot topics in pediatric allergy includes the use of targeted biologics to treat specific activation pathways leading to severe allergic diseases; defects of innate immunity; rheumatic diseases of childhood; and inflammatory disorders. Discusses new studies examining potential etiologies for the increase in food allergy and examines potential immunotherapeutic strategies for treating food allergies. New evidence-based principles of medical care help you make the best use of available medications for your patients.

The Oxford Handbook of Clinical Immunology and Allergy is a unique, practical and clinically relevant guide to assist with the diagnosis and management of immunological/allergic disease, and the correct selection and interpretation of immunological tests.

Pediatric Allergy Principles and Practice Mosby Incorporated

Boasting a worldwide reputation as the leading text in allergy and immunology, Middleton's Allergy continues its steadfast tradition of providing comprehensive coverage of state-of-the-art basic science, as well as authoritative guidance on the clinical concepts of day-to-day diagnosis and management of allergic disorders. Offering timely information that's suited for clinicians and researchers alike, Middleton's is a user-friendly and versatile source for the knowledge you need to provide optimal care to your patients! Stay on top of continuous new developments in clinical allergy and immunology through online access to the Expert Consult site, which will feature regular updates as well as the fully searchable contents. Find all of the information you need quickly and easily with a glossary of allergy and immunology terms; highlighted key points for each chapter; hundreds of crystal-clear images with a full-color format, and access to relevant websites. Apply the latest scientific knowledge and clinical applications with new chapters on Innate and Adaptive Immunity, Immune Tolerance, Immunobiology of IgE and Its Receptors, Resolution of Allergic Inflammation, and Particulate and Allergen Interactions, plus sweeping updates throughout. Take full advantage of the major advances in asthma pathogenesis and management with significant updates on diagnosis, treatment, and special aspects of asthma. Obtain the best results from the newest therapeutics for allergic and immunologic diseases through an expanded discussion of immunotherapy that includes new chapters on Sublingual Immunotherapy, Biologics and Immunosuppressives in Asthma, and Alternative and Complementary Therapies.

The fifth edition of the Manual of Allergy and Immunology is designed to serve health care professionals in the diagnosis and management of allergic and other immunological disorders. The manual presents the basic and essential material and provides specific information to assist in clinical decision-making and treatment planning. The specialist will find this manual a convenient reference handbook, while the generalist will be able to use the Manual as a helpful guide in formulating a diagnostic and therapeutic approach to patients suspected of having an allergic or immunologic disorder. Students, house officers, and other health care professionals will find the Manual a useful guide to the clinical practice of allergy and immunology. New for this edition: • Additional tables provide extensive data for basic and clinical understanding • Increased use of algorithms to help provide quick diagnosis • References include both published literature and authoritative Internet resources for more extensive discussion of each subject • Therapeutic recommendations are consistent with current evidence-based guidelines to provide the latest information • Uses the familiar Lippincott Manual outline format to organize information and save time in looking up information

Distillation Principles and Practice Second Edition covers all the main aspects of distillation including the thermodynamics of vapor/liquid equilibrium, the principles of distillation, the synthesis of distillation processes, the design of the equipment, and the control of process operation. Most textbooks deal in detail with the principles and laws of distilling binary mixtures. When it comes to multi-component mixtures, they refer to computer software nowadays available. One of the special features of the second edition is a clear and easy understandable presentation of the principles and laws of ternary distillation. The right understanding of ternary distillation is the link to a better understanding of multi-component distillation. Ternary distillation is the basis for a conceptual process design, for separating azeotropic mixtures by using an entrainer, and for reactive distillation, which is a rapidly developing field of distillation. Another special feature of the book is the design of distillation equipment, i.e. tray columns and packed columns. In practice, empirical know-how is preferably used in many companies, often in form of empirical equations, which are not even dimensionally correct. The objective of the proposed book is the derivation of the relevant equations for column design based on first principles. The field of column design is permanently developing with respect to the type of equipment used and the know-how of two-phase flow and interfacial mass transfer.

The current state of knowledge on this increasingly important subject is beautifully described in this, the first truly comprehensive text of allergic diseases affecting the major veterinary species. It will be an invaluable guide to students, clinicians and researchers alike. From the Foreword by Professor Richard Halliwell, MS, PhD, VetMB, MRCVS, Dip ACVD Veterinary Allergy is the first comprehensive, high quality reference dealing with all aspects of veterinary allergy in all species and all body systems involved with allergy. Providing solid breadth and excellent depth of coverage, it deals with the immunopathology of the various allergic conditions as well as with clinical presentation, diagnosis and treatment of veterinary allergic diseases. Key features: Broad species coverage, organised by sections on dogs, cats, horses, and other domestic species including large animals, birds and small mammals Provides details on diseases affecting the skin, respiratory tract and gut Contains practical information for clinicians on management of allergic diseases Includes fully-referenced high level detail suitable for specialists and researchers Focused on evidence-based medicine and science The editors have extensive experience and are respected as world-wide experts in the field Every chapter is written by an expert in that particular topic Anyone seeking information and references on any aspect of allergic conditions in any species should find this book helpful. The book will be of interest to clinicians in first opinion practice, specialists in veterinary dermatology, gastroenterology, internal medicine, and immunology as well as specialists-in-training in those fields and veterinary students. The focus on underlying principles and practical clinical aspects is admirable. Immediately useful for practical utilization by practicing clinicians. Dr. Andrew Mackin BSc BVMS MVS DVSc FACVSc DSAM, Diplomate, American College of Veterinary Internal Medicine, Professor and Service Chief, Small Animal Internal Medicine, Dr. Hugh G. Ward Endowed Chair of Small Animal Veterinary Medicine, College of Veterinary Medicine, Mississippi State University, USA

This book comprehensively addresses the sources of allergenic contaminants in foods, their fate during processing, and the specific measures that need to be taken to minimize their occurrence in foods. The book provides up-to-date information on the nine major allergens (as well as other emerging allergens) and practical guidelines on how these allergens can be identified and controlled during production and processing. Starting with an introduction to food allergens, the book follows with sections on food allergen management during production and processing, guidelines for the processing of specific allergen-free foods, techniques for hypo-allergenization and allergen detection, and allergen-free certification.

Over the past 20 years, public concerns have grown in response to the apparent rising prevalence of food allergy and related atopic conditions, such as eczema. Although evidence on the true prevalence of food allergy is complicated by insufficient or inconsistent data and studies with variable methodologies, many health care experts who care for patients agree that a real increase in food allergy has occurred and that it is unlikely to be due simply to an increase in awareness and better tools for diagnosis. Many stakeholders are concerned about these increases, including the general public, policy makers, regulatory agencies, the food industry, scientists, clinicians, and especially families of children and young people suffering from food allergy. At the present time, however, despite a mounting body of data on the prevalence, health consequences, and associated costs of food allergy, this chronic disease has not garnered the level of societal attention that it warrants. Moreover, for patients and families at risk, recommendations and guidelines have not been clear about preventing exposure or the onset of reactions or for managing this disease. Finding a Path to Safety in Food Allergy examines critical issues related to food allergy, including the prevalence and severity of food allergy and its impact on affected individuals, families, and communities; and current understanding of food allergy as a disease, and in diagnostics, treatments, prevention, and public policy. This report seeks to: clarify the nature of the disease, its causes, and its current management; highlight gaps in knowledge; encourage the implementation of management tools at many levels and among many stakeholders; and delineate a roadmap to safety for those who have, or are at risk of developing, food allergy, as well as for others in society who are responsible for public health.

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