

Signal Transduction In Mast Cells And Basophils

RECOGNIZING THE SHOWING OFF WAYS TO GET THIS EBOOK **SIGNAL TRANSDUCTION IN MAST CELLS AND BASOPHILS** IS ADDITIONALLY USEFUL. YOU HAVE REMAINED IN RIGHT SITE TO BEGIN GETTING THIS INFO. GET THE SIGNAL TRANSDUCTION IN MAST CELLS AND BASOPHILS CONNECT THAT WE FIND THE MONEY FOR HERE AND CHECK OUT THE LINK.

YOU COULD PURCHASE LEAD SIGNAL TRANSDUCTION IN MAST CELLS AND BASOPHILS OR GET IT AS SOON AS FEASIBLE. YOU COULD SPEEDILY DOWNLOAD THIS SIGNAL TRANSDUCTION IN MAST CELLS AND BASOPHILS AFTER GETTING DEAL. SO, TAKING INTO ACCOUNT YOU REQUIRE THE EBOOK SWIFTLY, YOU CAN STRAIGHT GET IT. ITS SO ENORMOUSLY EASY AND HENCE FATS, ISNT IT? YOU HAVE TO FAVOR TO IN THIS REVEAL

WILLIAMS HEMATOLOGY - ERNEST BEUTLER 2001

THE LATEST EDITION OF THIS CLASSIC CONTINUES ITS COMPREHENSIVE COVERAGE OF THE BASIC SCIENCES, CLINICAL MANIFESTATIONS, DIAGNOSTIC APPROACHES, AND TREATMENT OF DISEASES OF BLOOD CELLS, COAGULATION, PROTEINS AND THROMBOSIS. HEMATOLOGY, 6/E BALANCES LATE-BREAKING ADVANCES IN BOTH SCIENCE AND CLINICAL PRACTICE FOR OPTIMAL PATIENT CARE. ALL CHAPTERS ARE WRITTEN BY LEADERS IN THE FIELD AND CAREFULLY EDITED TO ENSURE A CONSISTENT AND COMPLEMENTARY TREATMENT OF SUBJECTS THROUGHOUT. THE MAIN EMPHASIS CONTINUES TO BE ON WHAT THE CLINICIAN NEEDS TO KNOW FOR EFFECTIVE PATIENT MANAGEMENT.

ROLES OF FC RECEPTORS IN DISEASE AND THERAPY - LATHA P. GANESAN 2020-07-22

IMMUNE REACTIONS - H.-HARALD SEDLACEK 2012-12-06

PROVIDES CONCENTRATED INFORMATION ON STRUCTURES AND INTERACTIONS OF THE IMMUNE SYSTEM PREDOMINANTLY IN THE FORM OF TABLES, FIGURES, AND SCHEMATIC DIAGRAMS. NOT ONLY THE USERFRIENDLY WAY IN WHICH THE INFORMATION IS COMPILED, BUT ALSO THE COMPREHENSIVE NATURE OF THE INFORMATION ON THE COMPLICATED STRUCTURE AND NETWORKS IN IMMUNOLOGY, GUARANTEE RAPID ACCESS TO RELEVANT DATA IN IMMUNOLOGY.

MAST CELLS AND MASTOCYTOSIS - Cem AKIN 2006

MAST CELL ACTIVATION IS A CENTRAL EVENT IN DEVELOPMENT OF ALLERGIC DISORDERS AND CONTRIBUTE TO PATHOGENESIS OF MANY OTHER INFLAMMATORY AND NEOPLASTIC CONDITIONS. IMPROVED UNDERSTANDING OF NORMAL AND PATHOLOGIC MECHANISMS REGULATING MAST CELL DIFFERENTIATION, SURVIVAL AND ACTIVATION MAY THEREFORE LEAD TO DEVELOPMENT OF NEW THERAPIES FOR THESE DISORDERS. A NUMBER OF IMPORTANT BREAKTHROUGHS HAVE RECENTLY BEEN REALIZED IN OUR UNDERSTANDING OF MASTOCYTOSIS, A DISORDER CHARACTERIZED BY PATHOLOGIC MAST CELL GROWTH AND ACTIVATION. SIGNIFICANT ADVANCES WERE MADE IN SUCH KEY AREAS AS UNCOVERING GENETIC BASIS OF DISEASE, ESTABLISHMENT OF OBJECTIVE DIAGNOSTIC CRITERIA, AND EMERGENCE OF NOVEL

TREATMENT CONCEPTS BASED ON ITS MOLECULAR PATHOGENESIS. THIS ISSUE OF THE CLINICS BRINGS TOGETHER MANY OF THE EXPERTS WHO MADE THESE BREAKTHROUGHS IN MAST CELL BIOLOGY AND MASTOCYTOSIS POSSIBLE.

MAST CELL BIOLOGY - ALASDAIR M. GILFILLAN 2011-06-28

THE EDITORS OF MAST CELL BIOLOGY, DRs. GILFILLAN AND METCALFE, HAVE ENLISTED AN OUTSTANDING GROUP OF INVESTIGATORS TO DISCUSS THE EMERGING CONCEPTS IN MAST CELL BIOLOGY WITH RESPECT TO DEVELOPMENT OF THESE CELLS, THEIR HOMEOSTASIS, THEIR ACTIVATION, AS WELL AS THEIR ROLES IN MAINTAINING HEALTH ON THE ONE HAND AND ON THE OTHER, THEIR PARTICIPATION IN DISEASE.

ALLERGY AND ALLERGIC DISEASES - JUDAH A. DENBURG 2013-03-09

ALLERGY AND ALLERGIC DISEASES HAS BEEN ORGANIZED TO PROVIDE AN UP-TO-DATE, CLINICALLY RELEVANT COMPILATION OF ONE OF THE MOST EXCITING AREAS OF INVESTIGATION IN MEDICINE TODAY-ALLERGIC DISEASE, ESPECIALLY AS IT PERTAINS TO THE SKIN, AIRWAYS, AND BOWEL. WITH THE DRAMATIC RISE IN THE INCIDENCE OF VARIOUS ALLERGIC DISORDERS WORLDWIDE, AND THE COMING OF AGE OF THE DISCIPLINE OF CLINICAL IMMUNOLOGY AND ALLERGY, THE INTERFACE BETWEEN BASIC AND CLINICAL SCIENCE IN THIS ARENA DEMANDS HIGHLIGHTING IN THIS COMPREHENSIVE NEW SYN THESIS. IT IS WITH THE HOPE OF FILLING THIS EVIDENT NEED THAT ALLERGY AND ALLERGIC DISEASES: THE NEW MECHANISMS AND THERAPEUTICS HAS BEEN PUT TOGETHER. THE BOOK'S CONTENT IS DIVIDED INTO BOTH BASIC AND CLINICAL SECTIONS, WITH EMPHASIS ON VARIOUS COMPONENTS OF THE IMMUNE AND INFLAMMATORY RESPONSE AS THEY RELATE TO THE DEVELOPMENT OF ALLERGIC DISEASE. TOPICS SPAN THE RANGE FROM MOLECULAR BIOLOGY TO CLINICAL SYMPTOMATOLOGY, WITH AN EFFORT TO MAKE THIS OF INTEREST TO AS BROAD A CONSTITUENCY AS POSSIBLE. THIS BOOK WILL THEREFORE BE OF SUBSTANTIAL INTEREST TO SPECIALISTS IN CLINICAL IMMUNOLOGY AND ALLERGY, SCIENTISTS STUDYING THE CELLULAR AND MOLECULAR BIOLOGY OF IN FLAMMATION AND IMMUNITY, AS WELL AS INTERNISTS, TEACHERS, DEVELOPERS OF MEDICAL SCHOOL CURRICULA, AND MEMBERS OF INDUSTRY

FOCUSED ON DRUG DISCOVERY AND THERAPEUTICS. INDEED, A SEPARATE SECTION HAS BEEN ADDED TO DEAL WITH SOME SPECIFIC ISSUES IN THIS LATTER FIELD.

REGULATION OF INFLAMMATION IN CHRONIC DISEASE - JIXIN ZHONG 2019-07-19

THIS eBook IS A COLLECTION OF ARTICLES FROM A FRONTIERS RESEARCH TOPIC. FRONTIERS RESEARCH TOPICS ARE VERY POPULAR TRADEMARKS OF THE FRONTIERS JOURNALS SERIES: THEY ARE COLLECTIONS OF AT LEAST TEN ARTICLES, ALL CENTERED ON A PARTICULAR SUBJECT. WITH THEIR UNIQUE MIX OF VARIED CONTRIBUTIONS FROM ORIGINAL RESEARCH TO REVIEW ARTICLES, FRONTIERS RESEARCH TOPICS UNIFY THE MOST INFLUENTIAL RESEARCHERS, THE LATEST KEY FINDINGS AND HISTORICAL ADVANCES IN A HOT RESEARCH AREA! FIND OUT MORE ON HOW TO HOST YOUR OWN FRONTIERS RESEARCH TOPIC OR CONTRIBUTE TO ONE AS AN AUTHOR BY CONTACTING THE FRONTIERS EDITORIAL OFFICE: [FRONTIERSIN.ORG/ABOUT/CONTACT](http://frontiersin.org/about/contact).

BIVALENT LIGANDS BASED ON DOUBLE STRANDED DNA FOR EXAMINING CONFORMATIONAL CONSTRAINTS OF CROSSLINKED IMMUNOGLOBULIN E-RECEPTOR COMPLEXES IN CELL ACTIVATION - JODI MARIE PAAR 2000

THE IGE-MEDIATED ALLERGIC RESPONSE IS INITIATED BY ANTIGEN-INDUCED AGGREGATION OF IGE-Fc ϵ RECEPTOR COMPLEXES ON THE SURFACE OF MAST CELLS AND BASOPHILS. EVIDENCE EXISTS THAT CONFORMATIONAL CONSTRAINTS OF CROSSLINKED RECEPTORS MODULATE THE EFFICACY OF SIGNAL TRANSDUCTION. TO INVESTIGATE HOW RECEPTOR-RECEPTOR DISTANCES OF CROSSLINKED RECEPTORS AFFECT THE COMPETENCY OF SIGNAL TRANSDUCTION, WE HAVE SYNTHESIZED AND EXTENSIVELY CHARACTERIZED DINITROPHENYL(DNP)-MODIFIED, RIGID, DOUBLE STRANDED DNA OLIGOMERS OF 13, 15, 20, AND 30 BASE PAIRS. ALL OF THESE BIVALENT LIGANDS EFFECTIVELY BIND AND CROSSLINK IGE IN SOLUTION AND CELL-BOUND IGE WITH SIMILAR AFFINITIES IN THE NANOMOLAR RANGE. THE 13MER (DNA LENGTH OF 44 Å) AND 15MER (51 Å) EFFECTIVELY INDUCE CELLULAR DEGRANULATION, WHEREAS THE 20MER (68 Å) IS LESS EFFECTIVE, AND THE 30MER (102 Å) IS INEFFECTIVE. ALTHOUGH THE MAGNITUDE OF THE DEGRANULATION RESPONSES FOR OPTIMAL DOSES OF THESE LIGANDS IS TWENTY-FIVE PERCENT OR LESS OF THAT INDUCED BY MULTIVALENT ANTIGEN, ALL LIGANDS STIMULATE Fc ϵ RECEPTOR BETA, LAT, AND SYK PHOSPHORYLATION SIMILAR TO MULTIVALENT ANTIGEN. THE MAGNITUDE OF THE CALCIUM RESPONSES INDUCED BY THESE LIGANDS IS SMALL. THESE RESULTS ARE CONSISTENT WITH THE HYPOTHESIS THAT STRUCTURAL OR ORIENTATIONAL CONSTRAINTS ON IGE-Fc ϵ RECEPTOR AGGREGATES BY THESE DNP-DNA LIGANDS PREVENT ROBUST ACTIVATION OF SIGNALING IMMEDIATELY DOWNSTREAM OF TYROSINE PHOSPHORYLATION, AND LIMITS, TO A LESSER EXTENT, SIGNALING EVENTS MORE PROXIMAL TO RECEPTOR AGGREGATION. INTERESTINGLY, THE CONCENTRATION OF LIGAND THAT INDUCES MAXIMUM CELLULAR ACTIVATION FOR THE DNP-DNA LIGANDS (50--100 nM) IS SIGNIFICANTLY HIGHER THAN THAT WHICH CORRESPONDS TO MAXIMUM RECEPTOR CROSSLINKING (5--10 nM). WE PRESENT EVIDENCE TO SUGGEST THAT THESE LIGANDS FORM CYCLIC AGGREGATES, PREFERENTIALLY CYCLIC DIMERS, AT CONCENTRATIONS WHERE CROSSLINKING IS MAXIMAL AND, ALTHOUGH THESE

TYPES OF AGGREGATES DO NOT CAUSE ANY DOWNSTREAM ACTIVATION, THEY STIMULATE EARLY TYROSINE PHOSPHORYLATION EVENTS IN A LENGTH-DEPENDENT MANNER.

CUMULATED INDEX MEDICUS - 1996

MAST CELL AND BASOPHIL DIFFERENTIATION AND FUNCTION IN HEALTH AND DISEASE - STEPHEN J. GALLI 1989

SIGNAL TRANSDUCTION IN MAST CELLS AND BASOPHILS - EHUD RAZIN 2012-12-06

FOCUSSED ON THE MOLECULAR MECHANISMS THAT GOVERN MAST CELL AND BASOPHIL CELL BIOLOGY AND FUNCTION, THIS BOOK ALSO PROVIDES A COMPREHENSIVE SUMMARY OF THE FIELD OF SIGNAL TRANSDUCTION, GIVING INSIGHTS INTO AREAS THAT HAVE THERAPEUTIC POTENTIAL. IT GIVES DETAILED INSIGHTS INTO MAST CELL AND BASOPHIL GROWTH AND DEVELOPMENT, THEIR ACTIVATION BY ALLERGENS, INCLUDING DETAILS OF RECEPTOR ACTIVATION AND DOWNSTREAM EVENTS, AND THE REGULATORS OF MORPHOLOGY AND DEGRANULATION. THE METABOLIC PATHWAYS INVOLVED IN PROSTAGLANDIN AND LEUKOTRIENE PRODUCTION ARE DISCUSSED AS IS THE ROLE OF TRANSCRIPTION FACTORS IN MAST CELL GROWTH AND CYTOKINE PRODUCTION. WRITTEN BY LEADERS IN THE FIELD, THIS VOLUME WILL PROVIDE READERS WITH AN UP-TO-DATE ACCOUNT OF A TOPIC WHOSE RAPID PROGRESS MAKES CONVENTIONAL INFORMATION GATHERING DIFFICULT.

REGULATION OF Fc[EPSILON] RECEPTOR SIGNAL TRANSDUCTION BY THE MAST CELL FUNCTION-ASSOCIATED ANTIGEN (MAFA) - RONG XU 2001

SIGNALING NETWORKS AND CELL CYCLE CONTROL - J. SILVIO GUTKIND 2000-04-14

LEADING SCIENTISTS SUMMARIZE THE LATEST FINDINGS ON SIGNAL TRANSDUCTION AND CELL CYCLE REGULATION AND DESCRIBE THE EFFORT TO DESIGN AND SYNTHESIZE INHIBITING MOLECULES, AS WELL AS TO EVALUATE THEIR BIOCHEMICAL AND BIOLOGICAL ACTIVITIES. THEY REVIEW THE RELEVANT CELL SURFACE RECEPTORS, THEIR LIGANDS, AND THEIR DOWNSTREAM PATHWAYS. ALSO EXAMINED ARE THE LATEST FINDINGS ON THE COMPONENTS OF NOVEL SIGNALING NETWORKS CONTROLLING THE ACTIVITY OF NUCLEAR TRANSCRIPTION FACTORS AND CELL CYCLE REGULATORY MOLECULES. CUTTING-EDGE AND HIGHLY SUGGESTIVE, SIGNALING NETWORKS AND CELL CYCLE CONTROL: THE MOLECULAR BASIS OF CANCER AND OTHER DISEASES PRESENTS A WEALTH OF INFORMATION ON THE EMERGING PRINCIPLES OF THE FIELD, AS WELL AS AN INVALUABLE GUIDE FOR ALL EXPERIMENTAL AND CLINICAL INVESTIGATORS OF CELL REGULATION AND ITS RAPIDLY EMERGING PHARMACOLOGICAL OPPORTUNITIES TODAY.

THE IMMUNOGLOBULINS - ROALD NEZLIN 1998-05-06

THIS BOOK PROVIDES COMPREHENSIVE UP-TO-DATE INFORMATION ON THE STRUCTURE AND FUNCTION OF IMMUNOGLOBULINS. IT DESCRIBES THE BASIC FEATURES OF THESE MOLECULES, WHICH ASSISTS THE READER IN UNDERSTANDING HOW THEY FUNCTION AS AN INTEGRAL PART OF THE IMMUNE SYSTEM. THE IMMUNOGLOBULINS DESCRIBES THE LOCALIZATION AND

STRUCTURE OF DIFFERENT BINDING SITES OF IMMUNOGLOBULIN MOLECULES, INCLUDING THE ANTIGEN-BINDING SITE, ON THE BASIS OF LATEST X-RAY CRYSTALLOGRAPHY STUDIES. IT DISCUSSES RECENTLY DEVELOPED BIOTECHNOLOGICAL METHODS THAT ALLOW SCIENTISTS TO OBTAIN FULLY ACTIVE ANTIBODY MOLECULES IN VITRO EVEN WITHOUT IMMUNIZATION AND TO CONSTRUCT NEW VARIANTS OF IMMUNOGLOBULINS AND THEIR FRAGMENTS BY FUSING WITH VARIOUS OTHER ACTIVE MOLECULES. A SURVEY OF RECENT KNOWLEDGE ON IMMUNOGLOBULIN-BINDING MOLECULES OTHER THAN ANTIGENS AND ON FLEXIBILITY OF IMMUNOGLOBULIN MOLECULES CONCLUDES THE DISCUSSION OF FUNCTIONAL ASPECTS OF THE PROBLEM. DESCRIBES RECENT REVIEWS ON THE STRUCTURE AND FUNCTION OF IMMUNOGLOBULIN MOLECULES OF VARIOUS SPECIES SUMMARIZES IN DETAIL RECENT FINDINGS ON THE FINE STRUCTURE OF THE ANTIGEN-COMBINING SITE PRESENTS COMPARATIVE DATA ON THE ANTIGEN-RECOGNIZING SITES OF OTHER MOLECULES SUCH AS MHC PROTEINS AND T-CELL RECEPTORS SUMMARIZES GROWING DATA ON IMMUNOGLOBULIN BINDING SITES RESPONSIBLE FOR THE REACTION OF IMMUNOGLOBULINS WITH MOLECULES OTHER THAN ANTIGENS EXPLORES THE RAPID ADVANCE OF RECENT BIOTECHNOLOGICAL METHODS USED FOR THE CONSTRUCTION OF ANTIBODY MOLECULES AND THEIR FRAGMENTS WITH NEW PROPERTIES PRESENTS EXTENSIVE REFERENCES AND IS LAVISHLY ILLUSTRATED

HANDBOOK ON IMMUNOSENESCENCE - TAMAS FULOP 2009-02-27

THIS AUTHORITATIVE HANDBOOK COVERS ALL ASPECTS OF IMMUNOSENESCENCE, WITH CONTRIBUTIONS FROM EXPERTS IN THE RESEARCH AND CLINICAL AREAS. IT EXAMINES METHODS AND MODELS FOR STUDYING IMMUNOSENESCENCE; GENETICS; MECHANISMS INCLUDING RECEPTORS AND SIGNAL TRANSDUCTION; CLINICAL RELEVANCE IN DISEASE STATES INCLUDING INFECTIONS, AUTOIMMUNITY, CANCER, METABOLIC SYNDROME, NEURODEGENERATIVE DISEASES, FRAILITY AND OSTEOPOROSIS; AND MUCH MORE.

MAST CELLS AND BASOPHILS - GIANNI MARONE 2000-05-25

MAST CELLS AND BASOPHILS WILL BE ESSENTIAL READING FOR IMMUNOLOGISTS, BIOCHEMISTS AND MEDICAL RESEARCHERS. DETAILED CHAPTERS COVER ALL ASPECTS OF MAST CELL AND BASOPHIL RESEARCH, FROM CELL DEVELOPMENT, PROTEASES, HISTAMINE, CYSTEINYL LEUKOTRIENES, PHYSIOLOGY AND PATHOLOGY TO THE ROLE OF THESE CELLS IN HEALTH AND DISEASE. CHAPTERS ALSO DISCUSS THE CLINICAL IMPLICATIONS OF HISTAMINE RECEPTOR ANTAGONISTS.

CLINICAL IMMUNOLOGY, PRINCIPLES AND PRACTICE (EXPERT CONSULT - ONLINE AND PRINT), 4 - THOMAS A. FLEISHER 2013-01-01

WRITTEN AND EDITED BY INTERNATIONAL LEADERS IN THE FIELD, THIS BOOK HAS, THROUGH TWO BEST-SELLING EDITIONS, BEEN THE PLACE TO TURN FOR AUTHORITATIVE ANSWERS TO YOUR TOUGHEST CHALLENGES IN CLINICAL IMMUNOLOGY. NOW IN FULL COLOR AND ONE SINGLE VOLUME, THE 3RD EDITION BRINGS YOU THE VERY LATEST IMMUNOLOGY KNOWLEDGE - SO YOU CAN OFFER YOUR PATIENTS THE BEST POSSIBLE CARE. THE USER-FRIENDLY BOOK AND THE FULLY SEARCHABLE COMPANION WEB SITE GIVE YOU TWO WAYS TO FIND THE ANSWERS YOU NEED QUICKLY...AND REGULAR ONLINE UPDATES KEEP YOU ABSOLUTELY CURRENT.

LEADING INTERNATIONAL EXPERTS EQUIP YOU WITH PEERLESS ADVICE AND GLOBAL BEST PRACTICES TO ENHANCE YOUR DIAGNOSIS AND MANAGEMENT OF A FULL RANGE OF IMMUNOLOGIC PROBLEMS. A HIGHLY CLINICAL FOCUS AND AN EXTREMELY PRACTICAL ORGANIZATION EXPEDITE ACCESS TO THE ANSWERS YOU NEED IN YOUR DAILY PRACTICE. CUTTING-EDGE COVERAGE OF THE HUMAN GENOME PROJECT, IMMUNE-MODIFIER DRUGS, AND MANY OTHER VITAL UPDATES KEEPS YOU AT THE FOREFRONT OF YOUR FIELD. A NEW ORGANIZATION PLACES SCIENTIFIC AND CLINICAL MATERIAL SIDE BY SIDE, TO SIMPLIFY YOUR RESEARCH AND HIGHLIGHT THE CLINICAL RELEVANCE OF THE TOPICS COVERED. A MULTIMEDIA FORMAT ALLOWS YOU TO FIND INFORMATION CONVENIENTLY, BOTH INSIDE THE EXCEPTIONALLY USER-FRIENDLY BOOK AND AT THE FULLY SEARCHABLE COMPANION WEB SITE. REGULAR UPDATES ONLINE ENSURE THAT YOU'LL ALWAYS HAVE THE LATEST KNOWLEDGE AT YOUR FINGERTIPS. INCLUDES MANY NEW AND IMPROVED ILLUSTRATIONS AND FOUR COLOR DESIGN. YOUR PURCHASE ENTITLES YOU TO ACCESS THE WEB SITE UNTIL THE NEXT EDITION IS PUBLISHED, OR UNTIL THE CURRENT EDITION IS NO LONGER OFFERED FOR SALE BY ELSEVIER, WHICHEVER OCCURS FIRST. IF THE NEXT EDITION IS PUBLISHED LESS THAN ONE YEAR AFTER YOUR PURCHASE, YOU WILL BE ENTITLED TO ONLINE ACCESS FOR ONE YEAR FROM YOUR DATE OF PURCHASE. ELSEVIER RESERVES THE RIGHT TO OFFER A SUITABLE REPLACEMENT PRODUCT (SUCH AS A DOWNLOADABLE OR CD-ROM-BASED ELECTRONIC VERSION) SHOULD ACCESS TO THE WEB SITE BE DISCONTINUED.

MAST CELLS IN ALLERGIC DISEASES - HIROHISA SAITO 2005-01-01

IN THIS BOOK, THE EDITORS HAVE FOCUSED ON THE ROLES OF MAST CELLS IN ALLERGIC DISEASES AND DISCUSS THE FUTURE DIRECTION OF DISCOVERING DRUGS. ANOTHER IMPLICATION OF THIS BOOK IS TO UNDERSTAND MAST CELLS AT THE SYSTEM LEVEL. SYSTEM BIOLOGY IS A RESEARCH CATEGORY TO UNDERSTAND BIOLOGY AT THE SYSTEM LEVEL BY EXAMINING THE STRUCTURE AND DYNAMICS OF CELLULAR AND ORGANISMAL FUNCTIONS, RATHER THAN THE CHARACTERISTICS OF ISOLATED PARTS OF A CELL OR ORGANISM.

PATTERSON'S ALLERGIC DISEASES - LESLIE C. GRAMMER 2012-02-03

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.

MAST CELL DIFFERENTIATION AND HETEROGENEITY - DEAN BEFUS 1986

PORTH'S ESSENTIALS OF PATHOPHYSIOLOGY - TOMMIE NORRIS 2019-10-17

VITAL DISEASE INFORMATION FOR YOUR SUCCESS IN NURSING READY YOURSELF FOR THE

REALITIES OF PROFESSIONAL NURSING PRACTICE WITH THIS PROVEN APPROACH TO PATHOPHYSIOLOGY. DISTILLING NEED-TO-KNOW DISEASE CONTENT IN A CLEAR, ACCESSIBLE FORMAT, PORTH'S ESSENTIALS OF PATHOPHYSIOLOGY OFFERS CONCISE YET COMPLETE COVERAGE OF HOW THE BODY WORKS TO HELP YOU ESTABLISH THE SCIENTIFIC FOUNDATION ESSENTIAL TO SUCCESS IN YOUR NURSING CAREER. APPROACHABLE PRESENTATION BUILDS UNDERSTANDING FROM BASIC TO ADVANCED CONCEPTS AND DEFINES KEY TERMS AS YOU PROGRESS. "CHUNKED" CONTENT--INCLUDING LEARNING OBJECTIVES, KEY POINTS BOXES, AND SUMMARY CONCEPTS SECTIONS--HIGHLIGHTS CRITICAL POINTS FOR REFLECTION. FULL-COLOR ILLUSTRATIONS CLARIFY THE CLINICAL MANIFESTATIONS OF DISEASES AND DISEASE PROCESSES. REVIEW EXERCISES AT THE END OF EACH CHAPTER TEST YOUR RETENTION AND IDENTIFY AREAS FOR FURTHER STUDY. REFERENCES PROVIDE FAST, EFFICIENT ACCESS TO NORMAL LABORATORY VALUES IN BOTH CONVENTIONAL AND SI UNITS, AS WELL AS A COMPREHENSIVE GLOSSARY. NARRATED ANIMATIONS REFERENCED BY ICONS IN THE TEXT AND AVAILABLE ONLINE ENHANCE YOUR UNDERSTANDING OF THE MOST CHALLENGING AND CLINICALLY RELEVANT CONCEPTS.

MIDDLETON'S ALLERGY: PRINCIPLES AND PRACTICE E-BOOK - N. FRANKLIN ADKINSON JR.
2008-11-27

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.

CYTOKINES: INTERLEUKINS AND THEIR RECEPTORS - RAZELLE KURZROCK 2012-12-06

OVER THE LAST DECADE, CYTOKINE RESEARCH HAS EMERGED AS ONE OF THE MOST EXCITING AND CRITICAL FIELDS FOR PROVIDING FUNDAMENTAL KNOWLEDGE OF NORMAL AND ABNORMAL

HUMAN DEVELOPMENT. TODAY, IT IS APPARENT THAT CYTOKINES ORCHESTRATE GROWTH FROM THE EARLY EMBRYONIC STAGE TO MATURITY AND ARE RESPONSIBLE FOR THE NORMAL FUNCTION OF VIRTUALLY EVERY ORGAN SYSTEM. FURTHERMORE, VIRTUALLY ALL DISEASE STATES HAVE BEEN ASSOCIATED, AT LEAST IN PART, WITH CYTOKINE ABERRATIONS. IN THIS VOLUME, THE EDITORS HAVE BROUGHT TOGETHER INTERNATIONALLY KNOWN EXPERTS IN THE FIELD OF INTERLEUKIN RESEARCH TO PROVIDE A COMPREHENSIVE REVIEW OF THE BIOLOGY OF THE INTERLEUKINS AND THEIR ROLE IN BOTH HEALTH AND ILLNESS, WHILE MAINTAINING A BALANCE BETWEEN THE BASIC SCIENCE AND CLINICAL ASPECTS. CYTOKINES: INTERLEUKINS AND THEIR RECEPTORS SHOULD BE OF INTEREST TO A WIDE VARIETY OF RESEARCHERS INCLUDING CLINICAL HEMATOLOGISTS, ONCOLOGISTS, IMMUNOLOGISTS, IN ADDITION TO MEDICAL AND PHD STUDENTS AND RESEARCHERS WITH AN INTEREST IN CYTOKINES.

WINTROBE'S CLINICAL HEMATOLOGY - JOHN P. GREER 2008

NOW AVAILABLE IN A THOROUGHLY REVISED TWELFTH EDITION, WINTROBE'S CLINICAL HEMATOLOGY CONTINUES TO BE AN INDUSTRY LEADER WITH ITS ABILITY TO CORRELATE BASIC SCIENCE WITH THE CLINICAL PRACTICE OF HEMATOLOGY. WITH THE FIRST EDITION OF WINTROBE'S CLINICAL HEMATOLOGY PUBLISHED IN 1942 CLEARLY ESTABLISHING HEMATOLOGY AS A DISTINCT SUBSPECIALTY OF INTERNAL MEDICINE, THE LATEST EDITION CONTINUES THE INFLUENCE OF THE WINTROBE NAME AND HELPS TO SET THIS BOOK APART FROM THE COMPETITION. WITH ITS STRONG FOCUS ON THE CLINICAL ASPECTS OF HEMATOLOGY, THE BOOK HAS GENERATED A STRONG FOLLOWING AMONG INTERNISTS AND GENERAL PRACTITIONERS WHO WANT A SINGLE RESOURCE TO CONSULT FOR THEIR PATIENTS WHO PRESENT ANY BLOOD RELATED DISORDER. THE TWELFTH EDITION IS IN FULL COLOR FOR THE FIRST TIME, BOASTS A NEW EDITORIAL TEAM, AND INCLUDES EXPANDED COVERAGE OF NEW MEDICATIONS AND FOUR NEW CHAPTERS ON NEWBORN ANEMIAS, PATHOLOGY OF LHC, SPLEEN TUMORS, AND MYELOPROLIFERATIVE DISORDERS AND MAST CELL DISEASE. A COMPANION WEBSITE WILL OFFER THE FULLY SEARCHABLE TEXT AND AN IMAGE BANK.

HISTAMINE AND HISTAMINE RECEPTORS IN HEALTH AND DISEASE - YUICHI HATTORI
2017-05-22

THIS BOOK PROVIDES A COMPREHENSIVE OVERVIEW ON CURRENT HISTAMINE AND HISTAMINE RECEPTOR RESEARCH IN CONTEXT OF HUMAN HEALTH AND DISEASE AND REFLECT THE MULTIDISCIPLINARY NATURE OF THE FIELD. WHILE THE EDITORS REALIZE THAT IT IS ALMOST IMPOSSIBLE TO COVER THE FIELD COMPLETELY WITHIN THE CONSTRAINTS OF A SINGLE HEP VOLUME, NONETHELESS, ALL IMPORTANT ASPECTS WILL BE COVERED IN ONE WAY OR THE OTHER. AN OVERARCHING INTRODUCTORY CHAPTER WILL LINK THE INDIVIDUAL CHAPTERS AND PROVIDE AN OVERVIEW ON THE FIELD. THIS CHAPTER WILL ALSO LINK THE BOOK TO THE PREVIOUS HEP VOLUME ON HISTAMINE RECEPTORS AND THE RECENT HEP VOLUME ON THE PHARMACOLOGY OF ITCH. GREAT ATTENTION WILL BE PAID TO COMPLEMENTATION OF EXISTING LITERATURE WHILE AVOIDING UNDUE DUPLICATION. THE BOOK WILL COVER NEW METHODS FOR ANALYSIS OF HISTAMINE AND HISTAMINE METABOLITES, DEVELOPMENT OF METHODS FOR HISTAMINE RECEPTOR ANALYSIS, SIGNAL TRANSDUCTION, HISTAMINE RELEASE,

REGULATION OF IMMUNE CELLS BY HISTAMINE, HISTAMINE METABOLISM AND ASSOCIATED DISEASES, REGULATION OF MAJOR ORGAN SYSTEMS BY HISTAMINE AND DEVELOPMENT OF NEW DRUGS AND EXPERIMENTAL TOOLS FOR THE STUDY OF HISTAMINE RECEPTORS.

SMOKING AND LUNG INFLAMMATION - THOMAS J. ROGERS 2013-10-12

SMOKING AND LUNG INFLAMMATION IS THE FIRST BOOK DIRECTLY RELATED TO CHRONIC LUNG INFLAMMATION OF ITS KIND IN SEVERAL RESPECTS. FIRST, THE IT FOCUSES ON BOTH BASIC AND CLINICAL RESEARCH ON COPD, AND THE INFLAMMATORY MECHANISMS THAT FUNCTION IN THESE DISEASES. SECOND, IT IS UNIQUE WITH RESPECT TO SCOPE OF THE DISCUSSION OF THE UNUSUAL CHARACTERISTICS OF THE IMMUNE RESPONSE WHICH OCCURS IN THESE PATIENTS. THIRD, IT INCLUDES KNOWLEDGE BEING GAINED FROM TRANSLATIONAL RESEARCH CONDUCTED THROUGH CLINICAL TRIALS AT SEVERAL MEDICAL SCHOOLS IN THE UNITED STATES. NOT ONLY IS THIS RESEARCH PROVIDING INFORMATION ABOUT NOVEL DRUGS AND THERAPIES, BUT IT IS ALSO ADVANCING OUR UNDERSTANDING OF THE GENETICS OF THESE DISEASES. THIS WORK WILL ILLUMINATE THE MOLECULAR BASIS FOR THESE DISEASES, AND HOPEFULLY WILL PERMIT US TO INDIVIDUALIZE THE THERAPIES FOR THESE DISEASES.

INFLAMMATORY MECHANISMS IN ALLERGIC DISEASES - BURTON ZWEIMAN 2023-01-06

CONTAINS PATTERNS OF ALLERGIC REACTIVITY FOR DISORDERS SUCH AS ASTHMA, ATOPIC DERMATITIS, URTICARIA, AND ANAPHYLAXIS. WRITTEN BY LEADING EXPERTS IN THE FIELD, INFLAMMATORY MECHANISMS IN ALLERGIC DISEASES COVERS NON-ANAPHYLACTIC DRUG DISORDERS; SYNTHESIS AND FORMATION OF IgE ANTIBODIES; NEW TREATMENTS USING ALLERGENIC PEPTIDES, IMMUNOSTIMULATORY OLIGONUCLEOTIDES, AND PHARMACOGENOMICS; RECENT ADVANCES TARGETING EFFECTOR MECHANISMS; HYPERSENSITIVITY REACTIONS TO DRUGS AND MORE! WITH OVER 3100 REFERENCES, TABLES, DRAWINGS, AND MICROGRAPHS, INFLAMMATORY MECHANISMS IN ALLERGIC DISEASES IS AN ESSENTIAL REFERENCE FOR ALLERGISTS, PULMONOLOGISTS, IMMUNOLOGISTS, DERMATOLOGISTS, OPHTHALMOLOGISTS, OTOLARYNGOLOGISTS, INTERNISTS, PEDIATRICIANS, FAMILY PRACTITIONERS, AND MEDICAL STUDENTS IN THESE DISCIPLINES.

ALLERGY - ELLIOTT MIDDLETON 1998

PRESENTS INFORMATION ON THE BASIC LABORATORY AND CLINICAL ASPECTS OF THE IMMUNOLOGY, PHYSIOLOGY, PHARMACOLOGY, AND CLINICAL SCIENCE FEATURES OF ALLERGY. INCLUDES CHAPTERS ON MOLECULAR BIOLOGY, SIGNAL TRANSDUCTION MECHANISMS, AND THE BIOLOGY OF CELL TYPES, SUCH AS LYMPHOCYTES, MACROPHAGES, AND PLATELETS. ALSO INCLUDES TABLE OF CYTOKINES IN ALLERGIC DISEASES ON ENDPAPERS.

ALLERGY - ELLIOTT MIDDLETON (JR.) 1993

PRESENTS INFORMATION ON THE BASIC LABORATORY AND CLINICAL ASPECTS OF THE IMMUNOLOGY, PHYSIOLOGY, PHARMACOLOGY, AND CLINICAL SCIENCE FEATURES OF ALLERGY. INCLUDES CHAPTERS ON MOLECULAR BIOLOGY, SIGNAL TRANSDUCTION MECHANISMS, AND THE BIOLOGY OF CELL TYPES, SUCH AS LYMPHOCYTES, MACROPHAGES, AND PLATELETS.

MAST CELLS AND BASOPHILS - DEREK J. CHADWICK 2006-01-04

THE BOOK PRESENTS RECENT ADVANCES RELATING TO THE FACTORS AND MECHANISMS THAT

REGULATE THE GROWTH, DIFFERENTIATION AND FUNCTION OF MAST CELLS AND BASOPHILS; DISCUSSION OF NEW TECHNOLOGIES USED TO STUDY THESE CELLS, AND INTEGRATION OF THE BASIC SCIENTIFIC FINDINGS IN THE CONTEXT OF THERAPEUTIC POSSIBILITIES FOR THE TREATMENT OF DISEASES SUCH AS ALLERGIC INFLAMMATION AND AUTOIMMUNE DISEASE WHICH ARE MEDIATED, IN PART, BY THESE GRANULOCYTES.

ASTHMA AND ALLERGIC DISEASES - GIANNI MARONE 1998-05-01

THIS BOOK UPDATES THE PREVIOUS COVERAGE OF THE MECHANISMS AND MEDIATORS OF ASTHMA AND ITS TREATMENT. IT PRESENTS ARTICLES BY THE FOREMOST NAMES IN THE FIELD. UPDATES THE PREVIOUS COVERAGE OF THE MECHANISMS AND MEDIATORS OF ASTHMA AND ITS TREATMENT PRESENTS ARTICLES BY THE FOREMOST NAMES IN THE FIELD INCLUDES OVER 92 FIGURES AND 12 TABLES

IGE RECEPTOR (FcεR1) FUNCTION IN MAST CELLS AND BASOPHILS - MAJED M. HAMAWY 2013-06-29

THE HIGH AFFINITY IGE RECEPTOR (FcεR1) PLAYS A CENTRAL ROLE IN ALLERGIC DISEASES INCLUDING ASTHMA, ALLERGIC RHINITIS, ATOPIC DERMATITIS, FOOD AND DRUG ALLERGY. MANIPULATING THE FUNCTION OF THIS RECEPTOR IS IMPORTANT FOR CONTROLLING THE ONSET OF ALLERGIC DISEASES. WRITTEN BY LEADING SCIENTISTS IN THE FIELD, THIS BOOK IS THE FIRST COMPREHENSIVE MONOGRAPH TO COVER VARIOUS ASPECTS OF FcεR1 STRUCTURE, SIGNAL TRANSDUCTION AND FUNCTION. THUS, THE BOOK IS VALUABLE FOR RESEARCHERS/STUDENTS WORKING ON FcεR1 AND ON OTHER RECEPTORS. IN ADDITION, CLINICIANS WHO ARE CONCERNED WITH BROADENING THEIR KNOWLEDGE OF THE FcεR1 ROLE IN ALLERGIC DISEASES WILL FIND THIS BOOK USEFUL.

ADVANCES IN IMMUNOLOGY - 2001-04-02

ADVANCES IN IMMUNOLOGY PRESENTS CURRENT DEVELOPMENTS AS WELL AS COMPREHENSIVE REVIEWS IN IMMUNOLOGY. ARTICLES ADDRESS THE WIDE RANGE OF TOPICS THAT COMPRISE IMMUNOLOGY, INCLUDING MOLECULAR AND CELLULAR ACTIVATION MECHANISMS, PHYLOGENY AND MOLECULAR EVOLUTION, AND CLINICAL MODALITIES. EDITED AND AUTHORED BY THE FOREMOST SCIENTISTS IN THE FIELD, EACH VOLUME PROVIDES UP-TO-DATE INFORMATION AND DIRECTIONS FOR FUTURE RESEARCH.

ATOPIC DERMATITIS - BIBER/LEUNG 2002-04

THIS TITLE IDENTIFIES POTENTIAL GENETIC AND ENVIRONMENTAL FACTORS ASSOCIATED WITH ALLERGIC SKIN IMMUNE RESPONSES. IT COMPILES RESEARCH, DIAGNOSTIC PROCEDURES AND THERAPEUTIC STRATEGIES FOR THE PREVENTION, CONTROL AND TREATMENT OF THIS CHRONIC INFLAMMATORY DISEASE.

PROCEEDINGS OF THE 4TH INTERNATIONAL WORKSHOP ON SIGNAL TRANSDUCTION IN THE ACTIVATION AND DEVELOPMENT OF MAST CELLS AND BASOPHILS - INTERNATIONAL WORKSHOP ON SIGNAL TRANSDUCTION IN THE ACTIVATION AND DEVELOPMENT OF MAST CELLS AND BASOPHILS (4, 2001, BETHESDA, Md.) 2002

ADVANCES IN IMMUNOLOGY - 1992-11-06

ADVANCES IN IMMUNOLOGY

PROTEIN KINASES IN BLOOD CELL FUNCTION - CHI-KUANG HUANG 1993-02-22

PROTEIN KINASES IN BLOOD CELL FUNCTION PROVIDES AN UP-TO-DATE, COMPREHENSIVE REVIEW OF PROTEIN KINASES IN VARIOUS TYPES OF BLOOD CELL FUNCTION. BLOOD CELLS DISCUSSED INCLUDE T LYMPHOCYTES, B LYMPHOCYTES, PLATELETS, MAST CELLS, NEUTROPHILS, AND MACROPHAGES. THE BOOK WILL INTEREST PATHOLOGISTS, PHYSIOLOGISTS, ONCOLOGISTS, HEMATOLOGISTS, LEUKOCYTE BIOLOGISTS, AND IMMUNOLOGISTS. IT WILL ALSO BENEFIT ANYONE INTERESTED IN SIGNAL TRANSDUCTION AND BLOOD CELL FUNCTIONS SUCH AS HOST DEFENSE, HEMOSTASIS, AND IMMUNE RESPONSE.

PROCEEDINGS OF THE FOURTH INTERNATIONAL WORKSHOP ON SIGNAL TRANSDUCTION IN THE ACTIVATION AND DEVELOPMENT OF MAST CELLS AND BASOPHILS - INTERNATIONAL WORKSHOP ON SIGNAL TRANSDUCTION IN THE ACTIVATION AND DEVELOPMENT OF MAST CELLS AND BASOPHILS. 4, 2001, BETHESDA, Md.. 2002

IGE RECEPTOR (FcεR1) FUNCTION IN MAST CELLS AND BASOPHILS - MAJED M. HAMAWY 1997-01-01

THE HIGH AFFINITY IGE RECEPTOR (FcεR1) PLAYS A CENTRAL ROLE IN ALLERGIC DISEASES

INCLUDING ASTHMA, ALLERGIC RHINITIS, ATOPIC DERMATITIS, FOOD AND DRUG ALLERGY. MANIPULATING THE FUNCTION OF THIS RECEPTOR IS IMPORTANT FOR CONTROLLING THE ONSET OF ALLERGIC DISEASES. WRITTEN BY LEADING SCIENTISTS IN THE FIELD, THIS BOOK IS THE FIRST COMPREHENSIVE MONOGRAPH TO COVER VARIOUS ASPECTS OF FcεR1 STRUCTURE, SIGNAL TRANSDUCTION AND FUNCTION. THUS, THE BOOK IS VALUABLE FOR RESEARCHERS/STUDENTS WORKING ON FcεR1 AND ON OTHER RECEPTORS. IN ADDITION, CLINICIANS WHO ARE CONCERNED WITH BROADENING THEIR KNOWLEDGE OF THE FcεR1 ROLE IN ALLERGIC DISEASES WILL FIND THIS BOOK USEFUL.

- TOREN FINKEL 2003-07-18

THIS BOOK UNIQUELY RELATES THE BROAD IMPACT OF SIGNAL TRANSDUCTION RESEARCH ON THE UNDERSTANDING AND TREATMENT OF HUMAN DISEASE. THERE HAVE BEEN SIGNIFICANT ADVANCES IN THE AREA OF SIGNALING IN DISEASE PROCESSES, YET NO RESOURCE PRESENTLY CONNECTS THESE ADVANCES WITH UNDERSTANDING OF DISEASE PROCESSES AND APPLICATIONS FOR NOVEL THERAPEUTICS. GIVEN THE EMPHASIS ON TRANSLATIONAL RESEARCH AND BIOLOGICAL RELEVANCE IN BIOTECHNOLOGY, AND, CONVERSELY, THE IMPORTANCE OF MOLECULAR APPROACHES FOR CLINICAL RESEARCH, IT IS EVIDENT THAT A SINGLE RESOURCE BRIDGING SIGNALING RESEARCH AND HUMAN DISEASE WILL BE INVALUABLE.

SIGNAL TRANSDUCTION AND HUMAN DISEASE