

READING FREE SKIN IMMUNE SYSTEM CUTANEOUS IMMUNOLOGY AND CLINICAL IMMUNODERMATOLOGY THIRD EDITION (2023)

IMMUNODERMATOLOGY IS A FIELD COVERING THE MAJORITY OF SKIN DISEASES INCLUDING THE MOST PREVALENT ONES IN THE GENERAL POPULATION THE SECOND EDITION OF SKIN IMMUNE SYSTEM SIS DISCUSSES IMMUNE MEDIATED SKIN DISEASES AND DISEASE GROUPS IN WHICH THE SIS PLAYS A ROLE IT COVERS MAJOR FINDINGS IN IMMUNOPHYSIOLOGY AND IMMUNOPATHOLOGY THAT HAVE OCCURRED SINCE THE INTRODUCTION OF THE FIRST EDITION IN 1990 AS THE SUBTITLE INDICATES THE SECOND EDITION ADDS A NEW EMPHASIS ON CUTANEOUS IMMUNOLOGY AND ALSO INCLUDES NEW INFORMATION ON IMMUNE BASED THERAPEUTIC INTERVENTIONS AND METHODS SUCH AS PHOTOTHERAPY AND THE IMMUNOLOGICAL THERAPY OF SKIN CANCER THE BOOK CONTAINS PART I WITH INTRODUCTORY CHAPTERS PART II WITH DESCRIPTIONS OF THE CELLULAR ELEMENTS AND PART III WHICH DESCRIBES THE HUMORAL AND MOLECULAR COMPONENTS OF SIS PART IV FOLLOWS TO INTEGRATE THE FACTS DESCRIBED IN PARTS II AND III INTO CONCEPTS OF PATHOPHYSIOLOGY IT CONTAINS A NUMBER OF CONCEPTS ENTITLED RESPONSE PATTERNS THAT DESCRIBE HOW THE CONSTITUTIONAL ELEMENTS OF SIS WORK TOGETHER NEW IN THIS EDITION ARE THE DESCRIPTIONS OF IMMUNODERMATOLOGICAL DISEASES INDIVIDUALLY DESCRIBED IN PART V PART VI IS ALSO ALL NEW AND SUMMARIZES PRINCIPLES OF IMMUNOTHERAPY TOP SCIENTIFIC AUTHORS CONTRIBUTE THEIR EXPERTISE AND PUT A WEALTH OF COMPLEX INFORMATION INTO PERSPECTIVE IN SKIN IMMUNE SYSTEM CUTANEOUS IMMUNOLOGY CLINICAL IMMUNODERMATOLOGY THIRD EDITION THIS EDITION PROVIDES AN OVERVIEW OF THE SKIN IMMUNE SYSTEM SIS A TOTALLY UPDATED SECTION ON IMMUNODERMATOLOGICAL DISEASES AND SIX NEW CHAPTERS PART I PRESENTS HISTORICAL AND COMPARATIVE INFORMATION ON IMMUNODERMATOLOGY AND INCLUDES A NEW CHAPTER ON THE IMMUNOGENETICS OF INFLAMMATORY SKIN DISEASE WHILE PART II COVERS THE CELLULAR ELEMENTS OF SIS AND HIGHLIGHTS NEWLY DEFINED FUNCTIONAL SUBCLASSES OF CELLS PART III DESCRIBES THE HUMORAL ELEMENTS OF SIS AND PROVIDES TWO NEW CHAPTERS WHICH FOCUS ON DEFENSINS AND CATHELICIDINS AND ON THE CHEMOKINES OF HUMAN SKIN PART IV DISCUSSES HOW THE CELLULAR AND HUMORAL ELEMENTS OF SIS INTERACT UNDER DIFFERENT CIRCUMSTANCES AND INCLUDES A NEW CHAPTER ON SIGNAL TRANSDUCTION PATHWAYS IN CUTANEOUS IMMUNOLOGY PART V FOCUSES ON DERMATOLOGICAL DISEASES WITH A SIGNIFICANT IMMUNOLOGICAL BACKGROUND WITH A NEW CHAPTER ON THE IMMUNOLOGY OF CUTANEOUS DRUG ERUPTIONS FOLLOWED BY PART VI ON IMMUNOTHERAPY IN DERMATOLOGY WHICH FEATURES A NEW CHAPTER REFLECTING THE RECENT WAVE OF PRODUCTS FROM BIOTECHNOLOGY SINCE THE PUBLICATION OF THE PREVIOUS EDITIONS A GREAT DEAL OF SIGNIFICANT INFORMATION HAS BECOME AVAILABLE IN ALMOST ALL AREAS OF CUTANEOUS IMMUNOLOGY AND CLINICAL IMMUNODERMATOLOGY THIS PROGRESS HAS NOW BEEN REFLECTED IN A COMPLETELY UPDATED AND EXPANDED RESOURCE THIS BOOK REVIEWS THE ROLE OF EACH CELL SUBSET IN THE SKIN PROVIDING THE BASICS FOR UNDERSTANDING SKIN IMMUNOLOGY AND THE MECHANISMS OF SKIN DISEASES THE SKIN IS ONE OF THE IMMUNE ORGANS AND IS CONTINUALLY EXPOSED TO FOREIGN ANTIGENS AND EXTERNAL STIMULI THAT MUST BE MONITORED AND CHARACTERIZED FOR POSSIBLE ELIMINATION UPON EXPOSURE TO FOREIGN ANTIGENS THE SKIN CAN ELICIT A VARIETY OF IMMUNE RESPONSES IN HARMONY WITH SKIN COMPONENTS THAT INCLUDE KERATINOCYTES DENDRITIC CELL SUBSETS MAST CELLS BASOPHILS FIBROBLASTS MACROPHAGES GAMMA DELTA T CELLS NEUTROPHILS MYELOID DERIVED SUPPRESSOR CELLS VASCULAR AND LYMPHATIC CELLS HAIR FOLLICLES PLATELETS AND ADIPOSE TISSUES AMONG OTHERS IN THE PAST 10 YEARS KNOWLEDGE OF IMMUNOLOGY HAS EXPANDED DRASTICALLY IN AREAS SUCH AS INNATE IMMUNITY TOLL LIKE RECEPTORS C TYPE LECTINS AND HOST DEFENSES TO BACTERIA AND VIRUSES AND THIS INCREASED KNOWLEDGE HAS LED TO THE DEVELOPMENT OF MORE EFFECTIVE TREATMENT OF PSORIASIS AND OTHER SKIN DISEASES THIS BOOK PROVIDES UPDATES ON THE MECHANISMS OF SKIN DISEASES INCLUDING CONTACT DERMATITIS ATOPIC DERMATITIS PSORIASIS URTICARIA DRUG ERUPTION BULLOUS DISEASES ANAPHYLAXIS GRAFT VERSUS HOST DISEASE ROSACEA LYMPHOMA PHOTODERMATOLOGY AND COLLAGEN VASCULAR DISEASES UNDERSTANDING THE BASICS OF SKIN IMMUNOLOGY WILL HELP CLINICIANS AND DERMATOLOGISTS USE NEW THERAPEUTICS SUCH AS BIOLOGICS EFFICIENTLY SERVING AS AN INTERMEDIARY BETWEEN BASIC SCIENCE AND CLINICAL MEDICINE THIS BOOK GIVES READERS THE OPPORTUNITY TO UNDERSTAND AND MARVEL AT THE MYSTERY AND FASCINATION OF SKIN IMMUNOLOGY THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS GUEST EDITED BY DR S PECK ONG AND PETER SCHMID GRENDELMEIER IS DEVOTED TO ALLERGIC SKIN DISEASES ARTICLES IN THIS ISSUE INCLUDE WET WRAP THERAPY IN ATOPIC DERMATITIS BIOLOGICS IN CHRONIC URTICARIA CLINICAL MEASURES OF CHRONIC URTICARIA CUTANEOUS MANIFESTATION OF DRUG ALLERGY ITCH IN ATOPIC DERMATITIS BIOMARKERS IN ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF CHRONIC URTICARIA ACE INHIBITOR INDUCED ANGIOEDEMA THE ROLE OF FUNGI IN ATOPIC DERMATITIS CUTANEOUS MANIFESTATION OF FOOD ALLERGY PEDIATRIC MASTOCYTOSIS ALLERGIC CONTACT DERMATITIS HEREDITARY ANGIOEDEMA INFECTIOUS COMPLICATIONS IN ATOPIC DERMATITIS AND CUTANEOUS MANIFESTATIONS PRIMARY IMMUNODEFICIENCY AUTOIMMUNITY THIS PUBLICATION SERVES AS A GUIDE TO MEDICAL DOCTORS AND DENTISTS IN THE EVALUATION AND MANAGEMENT OF PROBLEMS RELATED TO NICKEL ALLERGY THE CHEMISTRY ANALYSIS AND MONITORING OF NICKEL IS EXPLORED RECENT ADVANCES IN THE IMMUNOLOGY OF NICKEL ARE DISCUSSED ADDITIONALLY SENSITIZATION ASSAYS FOR BOTH HUMANS AND ANIMALS ARE PRESENTED THE CLINICAL GENETIC AND EPIDEMIOLOGIC ASPECTS OF NICKEL SENSITIZATION AND NICKEL DERMATITIS ARE EXPLAINED SOCIAL AND DEMOGRAPHIC ASPECTS OF NICKEL CONTACT ALLERGY ARE DISCUSSED AS WELL AS THE TOPIC OF THE NICKEL DERMATITIS AS A PREVENTABLE HEALTH PROBLEM ALLERGIC SKIN DISEASES BELONG TO THE MOST COMMON DERMATOSES THIS BOOK DEALS WITH FUNDAMENTAL IN PARTICULAR IMMUNOLOGICAL ASPECTS AS WELL AS CLINICAL SYMPTOMS AND THERAPEUTIC STRATEGIES OF THE ALLERGIC SKIN DISEASES CELLS INVOLVED IN THE PATHOMECHANISMS OF ALLERGIC SKIN DISEASE ARE DESCRIBED IN INDIVIDUAL CHAPTERS THE ALLERGIC SKIN DISEASES WHICH WILL BE DISCUSSED ARE ATOPIC DERMATITIS BEING THE CHRONIC INFLAMMATORY SKIN DISEASE WITH THE HIGHEST PREVALENCE ALLERGIC CONTACT DERMATITIS WITH SPECIAL FOCUS ON CONTACT DERMATITIS FROM COSMETICS BEING THE MOST FREQUENT CAUSE OF CONTACT DERMATITIS AND OCCUPATIONAL CONTACT DERMATITIS THE BROAD ETHIOLOGY OF URTICARIA AND THE VALUE OF SEVERAL THERAPEUTIC STRATEGIES WILL BE EXPLAINED THE CHAPTER ON DRUG ALLERGY WILL DEAL WITH THE VARIETY OF SYMPTOMS AND THE DIFFICULTIES CONCERNING IN VITRO AND IN VIVO DIAGNOSIS THE BOOK IS OF GREAT INTEREST TO CLINICIANS WORKING IN THE FIELD OF DERMATOLOGY ALLERGOLOGY PEDIATRICS AND EVEN GENERAL PRACTITIONERS SKIN ALLERGY AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH

AMERICA E BOOK OVER THE LAST DECADE ENORMOUS PROGRESS IN THE UNDERSTANDING OF T CELL HOMING HAS MADE IT POSSIBLE TO IDENTIFY THE MULTITUDE OF MOLECULES INVOLVED SUCH AS CYTOKINES CHEMOKINES AND ADHESION MOLECULES AND TO UNRAVEL THEIR COMPLEX INTERACTIONS RESULTING IN CONTROLLED NON RANDOM T CELL RECIRCULATION THESE INSIGHTS ARE NOW BEING EXPLORED THERAPEUTICALLY WITH SEVERAL COMPOUNDS CLOSE TO APPROVAL HIGHLIGHTING KEY FINDINGS IN THE FIELD LYMPHOCYTE HOMING TO THE SKIN IMMUNOLOGY IMMUNOPATHOLOGY AND THERAPEUTIC PERSPECTIVES BRINGS INSIGHT TO THE PHYSIOLOGY AND PATHOPHYSIOLOGY OF T CELL HOMING AS A PROCESS AS WELL AS TO THE MANIPULATION OF THIS PROCESS FOR THERAPEUTIC BENEFIT THE BOOK BEGINS WITH A REVIEW OF THE ROLE OF T LYMPHOCYTES IN SKIN BIOLOGY FOLLOWED BY COVERAGE OF THE PROCESS OF LYMPHOCYTE RECRUITMENT AND LYMPHOCYTE HOMING TO THE SKIN SUBSEQUENT CHAPTERS DESCRIBE IN VITRO TECHNIQUES TO INVESTIGATE LYMPHOCYTE EXTRAVASATION IN VIVO METHODS TO STUDY LYMPHOCYTE HOMING TO THE SKIN AND CUTANEOUS T LYMPHOCYTIC INFILTRATES IN SKIN PATHOLOGY THE TEXT CONCLUDES WITH DISCUSSIONS ON TRANSLATING CUTANEOUS T CELL RECRUITMENT TO PATIENTS PROVIDING A TIMELY UPDATE ON T CELL HOMING THIS BOOK CLARIFIES OUR UNDERSTANDING OF THIS COMPLEX PROCESS AND OFFERS GUIDANCE ON POTENTIAL THERAPIES IT FULFILLS THE NEEDS OF THOSE INVOLVED IN SKIN BIOLOGY SKIN TOXICOLOGY AND DERMATOLOGY AND PROPOSES NEW DIRECTIONS FOR INNOVATIVE RESEARCH THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS GUEST EDITED BY DR S PECK ONG AND PETER SCHMID GREDELMEIER IS DEVOTED TO ALLERGIC SKIN DISEASES ARTICLES IN THIS ISSUE INCLUDE WET WRAP THERAPY IN ATOPIC DERMATITIS BIOLOGICS IN CHRONIC URTICARIA CLINICAL MEASURES OF CHRONIC URTICARIA CUTANEOUS MANIFESTATION OF DRUG ALLERGY ITCH IN ATOPIC DERMATITIS BIOMARKERS IN ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF CHRONIC URTICARIA ACE INHIBITOR INDUCED ANGIOEDEMA THE ROLE OF FUNGI IN ATOPIC DERMATITIS CUTANEOUS MANIFESTATION OF FOOD ALLERGY PEDIATRIC MASTOCYTOSIS ALLERGIC CONTACT DERMATITIS HEREDITARY ANGIOEDEMA INFECTIOUS COMPLICATIONS IN ATOPIC DERMATITIS AND CUTANEOUS MANIFESTATIONS PRIMARY IMMUNODEFICIENCY AUTOIMMUNITY BY 1940 IMMUNOLOGICAL MECHANISMS HAD BEEN PROVED TO HAVE FUNDAMENTAL INFLUENCES ON A GREAT NUMBER AND VARIETY OF SKIN REACTIONS AND SKIN DISEASES HAD BROUGHT TO LIGHT A GREAT NUMBER OF FUNDAMENTAL IMMUNOLOGICAL MECHANISMS THAT WERE BASIC TO A WIDE RANGE OF DIFFERENT DISEASES DERMATOLOGICAL AND NONDERMATOLOGICAL THE PREMINENCE OF DERMATOLOGICAL RESEARCH IN THE ADVANCEMENT OF IMMUNOLOGICAL KNOWLEDGE SHOULD NOT ASTONISH ANYONE FOR THE SKIN IS NOT ONLY THE MOST EASILY ACCESSIBLE TISSUE FOR PRODUCING AND STUDYING IMMUNOLOGICAL REACTIONS IT IS ALSO THE GREAT ORGAN OF PROTECTION THAT MEETS THE FIRST ONSLAUGHTS OF INIMICAL ENVIRONMENTAL FORCES AND AGENTS POTENTIAL ENEMIES BOTH LIVING AND DEAD AND PROTECTION IS IN ESSENCE WHAT IMMUNOLOGY IS ALL ABOUT TO GET AN IDEA OF THE LONG ESTABLISHED ROLE THAT TESTING THE SKIN AND THE STUDY OF ITS MANY REACTIONS HAS PLAYED IN ADVANCING GENERAL IMMUNOLOGY ONE NEED RECALL ONLY SMALLPOX VACCINATION TUBERCULIN TESTING TESTING WITH FUNGAL EXTRACTS SKIN TESTING IN HAY FEVER ASTHMA AND SERUM SICKNESS SKIN TESTS WITH TOXINS AND TOXOIDS THE PATCH TEST THE PASSIVE TRANSFER OF SKIN ADHERING ANTIBODIES REAGINS SKIN SENSITIZATION BY SIMPLE CHEMICALS AND SIMILAR DERMATOLOGICAL PROCEDURES THAT HAVE EXERTED THEIR INFLUENCE ON MEDICAL AND SCIENTIFIC DISCIPLINES FAR BEYOND DERMATOLOGY THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS PROVIDES A COMPREHENSIVE REVIEW OF AUTOIMMUNE SKIN DISEASES INCLUDING BULLOUS PEMPHIGOID PEMPHIGUS VULGARIS LINEAR IGA DISEASE DERMATITIS HERPETIFORMIS BLISTERING AND BULLOUS DISEASES ADDRESSES THOSE AREAS OF SKIN IMMUNOLOGY AND SKIN SCIENCES THAT ACCOUNT FOR THE PROCESSES THAT CONTROL IRRITANT AND ALLERGIC CONTACT DERMATITIS OUTLINES NUMEROUS CELLULAR AND MOLECULAR FACTORS INVOLVED IN THE DEVELOPMENT OF IRRITATION AND SENSITIZATION AND DESCRIBES TECHNOLOGIES AND THE PRACTICAL APPLICATION OF BIOCHEMICALS WHICH MIGHT LEAD TO REDUCTION OF THESE SKIN REACTIONS REVIEWS IMMUNE FUNCTION IN CONTACT DERMATITIS AND REVIEWS PATENT LITERATURE OF AGENTS MODULATING IRRITATION AND SENSITIZATION KYDONIEUS IS PRESIDENT OF A PHARMACEUTICAL COMPANY INVOLVED IN DEVELOPMENT OF BIOMATERIALS AND DRUG DELIVERY PRODUCTS IMMUNODERMATOLOGY PRESENTS A COMPREHENSIVE EXAMINATION OF THE PROCEEDINGS THAT RESULTED FROM THE INTERNATIONAL IMMUNODERMATOLOGY SYMPOSIUM WHICH HAPPENED IN LONDON IT DISCUSSES THE RELATIONSHIP OF IMMUNO HISTOCHEMICAL OBSERVATIONS TO SKIN DISEASE IT ADDRESSES THE FUNCTION AND RECOGNITION OF LYMPHOCYTES SOME OF THE TOPICS COVERED IN THE BOOK ARE THE IMMUNOLOGICAL OBSERVATIONS IN 12 CASES OF KAPOSI S HERPETIC ERUPTION ANTI INFLAMMATORY EFFECTS OF ADRENOCEPTOR AGONISTS IN PATIENTS WITH ATOPIC ECZEMA A STUDY OF THE SENSITIVITY AND SPECIFICITY OF CUTANEOUS VASCULAR IMMUNOFLOUORESCENCE AND FUNCTIONAL ACTIVITY OF GRANULOCYTES FROM PATIENTS WITH NEUTROPHILIC DERMATOSES THE MECHANISMS OF CUTANEOUS LUPUS ERYTHEMATOSUS ARE FULLY COVERED AN IN DEPTH ACCOUNT OF THE CYTOCHEMICAL AND IMMUNOLOGICAL FINDINGS IN CUTANEOUS MULTILOBATED CELL LYMPHOMA ARE PROVIDED THE IMMUNOHISTOLOGICAL ANALYSIS OF DERMAL LEPROUS GRANULOMAS IS COMPLETELY PRESENTED A CHAPTER IS DEVOTED TO THE STUDY OF HUMAN EPIDERMAL CELL DIFFERENTIATION USING MONOCLONAL ANTIBODIES ANOTHER SECTION FOCUSES ON THE PROGNOSTIC SIGNIFICANCE OF MELANOMA ASSOCIATED ANTIGENS IN PRIMARY AND METASTATIC MELANOMAS THE BOOK CAN PROVIDE USEFUL INFORMATION TO DOCTORS DERMATOLOGISTS STUDENTS AND RESEARCHERS NICKELOFF SKIN CANCER RESEARCH CARDINAL BERNARDIN CANCER CENTER CHICAGO AND NESTLE CUTANEOUS MEDICINE AND IMMUNOTHERAPY KING S COLLEGE LONDON SCHOOL OF MEDICINE AT GUY S UK ASSEMBLE 19 REVIEW ARTICLES ON AUTOIMMUNE DISEASE PROCESSES THAT AFFECT THE SKIN COVERING BOTH HUMORAL AND CELLULAR IMMUNITY THE ETIOLOGY CELLULAR AND MOLECULAR MECHANISMS THERAPEUTIC STRATEGIES AND PATHOPHYSIOLOGY OF DISEASES SUCH AS PSORIASIS DERMATITIS CUTANEOUS LUPUS ERYTHEMATOSUS VITILIGO AND SCLERODERMA ARE DISCUSSED BY INDIVIDUALS IN DERMATOLOGY GENETICS IMMUNOLOGY AND PATHOLOGY WHO ARE BASED AROUND THE WORLD THE BOOK IS AIMED AT CLINICAL RESEARCHERS STUDENTS ALLERGISTS IMMUNOLOGISTS DERMATOLOGISTS AND INTERNISTS MUCH ANECDOTAL INFORMATION HAS SUGGESTED AN INFLUENCE OF PSYCHOLOGY AND THE NERVOUS SYSTEM ON IMMUNITY WITHIN THE SKIN AND THE EXPRESSION OF INFLAMMATORY SKIN DISORDERS RECENT YEARS HAVE SEEN AN EXPLOSION OF KNOWLEDGE PROVIDING A SCIENTIFIC BASIS FOR IMPORTANT REGULATORY INTERACTIONS BETWEEN THE NERVOUS SYSTEM THE ENDOCRINE SYSTEM AND THE IMMUNE SYSTEM WITHIN THE SKIN THE RESULTS OF RECENT INVESTIGATIONS HAVE IMPORTANT IMPLICATIONS NOT ONLY FOR AN UNDERSTANDING OF CUTANEOUS IMMUNITY BUT ALSO FOR THE DEVELOPMENT OF NOVEL TREATMENTS FOR DISEASES INVOLVING ABNORMAL INFLAMMATION OR IMMUNE REACTIVITY WITHIN THE SKIN THIS BOOK PROVIDES A COMPREHENSIVE AND INTERDISCIPLINARY REVIEW OF THE MOLECULAR BIOLOGY CELL BIOLOGY BIOCHEMISTRY AND CLINICAL ASPECTS OF NERVOUS SYSTEM IMMUNE SYSTEM INTERACTIONS WITHIN THE SKIN IT INCLUDES CONTRIBUTIONS FROM LEADING WORLD EXPERTS IN THESE AREAS THE CONTENTS ARE RELEVANT TO BOTH INVESTIGATORS AND CLINICIANS INTERESTED IN THE SKIN ITS FUNCTIONS AND ITS DISORDERS THIS BOOK PRESENTS THE STATE OF THE ART IN CELLULAR AND MOLECULAR MECHANISMS REGULATING THE IMMUNE RESPONSE IN ALLERGIC INFLAMMATION SPECIAL

ATTENTION IS GIVEN TO THE CENTRAL ROLE OF REGULATORY T CELLS TREG IN IMMUNE REGULATION AND INDUCTION OF PERIPHERAL TOLERANCE AS WELL AS TO THE RELEVANCE OF TH17 CELLS IN CHRONIC INFLAMMATION THE IMPORTANCE OF TREG AND TH17 CELLS IS DEMONSTRATED IN BRONCHIAL ASTHMA ATOPIC ECZEMA CONTACT DERMATITIS AND DELAYED TYPE HYPERSENSITIVITY FURTHERMORE T CELL MEDIATED REGULATORY MECHANISMS IN HELMINTHIC INFECTIONS AND FUNGAL ALLERGY ARE DISCUSSED SEVERAL CHAPTERS ARE DEVOTED TO THE THERAPEUTIC CONSEQUENCES THAT THESE RECENTLY DISCOVERED T CELL FUNCTIONS MAY HAVE THEIR ROLE AS A POTENTIAL TARGET FOR SPECIFIC IMMUNOTHERAPY IS EVALUATED AND NOVEL APPROACHES FOR PERIPHERAL TOLERANCE INDUCTION AND TREATMENT OF ALLERGIC AND ASTHMATIC DISEASES AND INFLAMMATION ARE SUGGESTED STEM CELL TRANSPLANTATION AS A FUTURE THERAPEUTIC INTERVENTION IN REGULATORY T CELL DISORDERS IS ALSO CONSIDERED WELL EDITED AND UP TO DATE THIS VOLUME IS RECOMMENDED READING FOR ALLERGOLOGISTS IMMUNOLOGISTS DERMATOLOGISTS AND ANY SCIENTIST INTERESTED IN THE IMMUNOLOGICAL EVENTS REGULATING ALLERGIC INFLAMMATION IN GENERAL AND ALLERGIC MANIFESTATIONS IN DIFFERENT ORGANS IN THIS BOOK WE ATTEMPT TO SUMMARIZE THE PRESENT STATE OF KNOWLEDGE IN THE FIELD OF PHOTOIMMUNOLOGY AND TO PROVIDE THE BACKGROUND NECESSARY TO PUT THIS KNOWLEDGE INTO PERSPECTIVE THIS OBJECTIVE REQUIRES DESCRIPTIVE OVERVIEWS IN PHOTOBIOLOGY IMMUNOLOGY AND DERMATOLOGY OUR HOPE IS TO FACILITATE INTERDISCIPLINARY COMMUNICATION AND TO STIMULATE INTEREST IN PHOTOIMMUNOLOGY SECTION I PRINCIPLES OF PHOTOIMMUNOLOGY DESCRIBES 1 BASIC INTERACTIONS BETWEEN UV AND VISIBLE RADIATION AND BIOLOGIC MATTER 2 THE OPTICAL PROPERTIES OF HUMAN SKIN AND 3 NORMAL AND ABNORMAL RESPONSES TO UV RADIATION BASIC PRINCIPLES OF SELECTED ASPECTS OF IMMUNOLOGY AND PHOTOBIOLOGY ARE EXPLAINED SECTION II EXPERIMENTAL PHOTOIMMUNOLOGY DESCRIBES MOLECULAR CELLULAR ANIMAL AND HUMAN STUDIES IN PHOTOIMMUNOLOGY SECTION III CLINICAL PHOTO IMMUNOLOGY PRESENTS EVIDENCE OF THE INVOLVEMENT OF PHOTOIMMUNOLOGIC MECHANISMS IN DISEASES OF THE SKIN AND BLOOD AND EXAMINES THE POSSIBLE INVOLVEMENT OF IMMUNOLOGIC MECHANISMS IN THERAPEUTIC PHOTOMEDICINE THE FUNDAMENTAL PRINCIPLES OUTLINED IN THIS BOOK SHOULD PROVE USEFUL FOR DECADES TO COME HOWEVER OUR EXPECTATION IS THAT THE EXPERIMENTAL DATA WILL BE OUTDATED IN A SHORT PERIOD OF TIME THE POTENTIAL OF PHOTOIMMUNOLOGY IS GREAT ENOUGH AND THE SERIOUS STUDY OF PHOTO IMMUNOLOGY IS RECENT ENOUGH THAT THIS SHOULD BE THE CASE THIS BOOK IS DEDICATED TO THE GOAL OF CONTINUING RAPID GROWTH IN THE FIELD OF PHOTOIMMUNOLOGY THE AIM OF THIS COMPREHENSIVE VOLUME IS TO PROVIDE DETAILED AND WELL REFERENCED INFORMATION PERTAINING TO THE IMMUNOLOGY OF SKIN PARTICULARLY THAT OF MAN IT INCLUDES A SHORT DESCRIPTION OF COMPARATIVE IMMUNOLOGY PLUS AN INTRODUCTION INTO THE SKIN IMMUNE SYSTEM AND SKIN ASSOCIATED LYMPHOID TISSUES THIS SECTION ALSO DESCRIBES ADHESION MOLECULES AND THEIR ROLE IN CELL MIGRATION PATHWAYS THIS INTERESTING TEXT PROVIDES UP TO DATE KNOWLEDGE OF KERATINOCYTES LYMPHOCYTES LANGERHANS CELLS MONOCYTES ENDOTHELIAL CELLS AND MAST CELLS IT DESCRIBES THE HUMORAL CONSTITUENTS OF THE HUMAN INTEGUMENT S DEFENSE SYSTEM AS WELL AS THE MAJOR RESPONSE PATTERNS OF THE SKIN IMMUNE SYSTEM THIS EASY TO READ REFERENCE OUTLINES FUTURE DEVELOPMENTS WHICH ARE TO BE EXPECTED IN THE FIELD OF IMMUNODERMATOLOGY AND THE IMMUNOBIOLOGY OF THE INTEGUMENT THOSE INVOLVED WITH IMMUNOLOGY BIOLOGY AND DERMATOLOGY WILL FIND THIS BOOK INTERESTING INFORMATIVE AND INDISPENSABLE THE SKIN AND THE EYE SHARE VULNERABILITIES TO VARIOUS AUTOIMMUNE AND IMMUNOPATHOGENIC DISORDERS YET DISPLAY IMMUNITY IN STRIKINGLY DIFFERENT WAYS THIS BOOK PRESENTS UP TO DATE INFORMATION ON DISORDERS AND EXPLORES THE MECHANISMS BY WHICH IMMUNOLOGICAL PROCESSES AFFECT THESE TWO ORGAN SYSTEMS AUTOIMMUNE DISORDERS OF THE SKIN REMAIN AN ENIGMA FOR MANY CLINICIANS AND SCIENTISTS NOT FAMILIAR WITH THESE MOSTLY SEVERE AND CHRONIC DISEASES THE BOOK PROVIDES AN OVERVIEW AND THE LATEST INFORMATION ON THE BROAD SPECTRUM OF CUTANEOUS AUTOIMMUNE DISORDERS FOR CLINICIANS SCIENTISTS AND PRACTITIONERS IN DERMATOLOGY MEDICINE RHEUMATOLOGY ENT PEDIATRICS AND OPHTHALMOLOGY THE BOOK IS UNIQUE SINCE IT PRESENTS THE STATE OF THE ART KNOWLEDGE ON PATHOPHYSIOLOGY CLINICAL DIAGNOSIS AND MANAGEMENT OF THESE DISORDERS PROVIDED BY THE WORLD EXPERTS IN THE FIELD THE PRIMARY INTENTION IS TO BROADEN THE UNDERSTANDING OF THE PATHOPHYSIOLOGY OF CUTANEOUS AUTOIMMUNE DISORDERS AND TO PROVIDE A PRACTICAL GUIDE TO HOW TO IDENTIFY AND HANDLE THESE CONDITIONS THE BOOK IS ILLUSTRATED WITH MANY TABLES ILLUSTRATIVE FIGURES AND CLINICAL COLOR PHOTOGRAPHS THE THIRD EDITION HAS BEEN THOROUGHLY UPDATED AND EXTENDED BY CHAPTERS ON PARANEOPlastic CUTANEOUS SYNDROMES ATOPIC DERMATITIS AND AUTOIMMUNITY AND SKIN MANIFESTATIONS OF RHEUMATIC DISEASES THIS BOOK DISCUSSES TYPICAL SKIN DISEASES FROM AN IMMUNOLOGICAL POINT OF VIEW INTRODUCING THE LATEST IMMUNOLOGICAL TECHNIQUES AND PRACTICES IT BEGINS WITH A BRIEF OVERVIEW OF THE HUMAN IMMUNE SYSTEM INCLUDING THE BASIC CONCEPTS AND PRINCIPLES AS WELL AS THE GENERAL SYMBOLS USED IN IMMUNOLOGY PART TWO DESCRIBES THE HUMAN SKIN AS AN INTEGRAL PART OF THE IMMUNE SYSTEM EXPLAINING THE IMMUNOLOGICAL ROLES OF MAJOR CELLULAR AND MOLECULAR COMPOSITES IN THE SKIN PART THREE ILLUSTRATES TYPICAL SKIN DISEASES THAT HAVE IMMUNOLOGICAL INVOLVEMENT IMMUNODERMATOLOGICAL CONDITIONS IT DESCRIBES 40 SKIN DISEASES FOCUSING ON IMMUNOLOGICAL CAUSES PATHOGENESIS PATTERN OF REACTION AND TREATMENT CHOICES AND RESPONSES THE FINAL PART DISCUSSES ADVANCED IMMUNODIAGNOSTICS AND IMMUNOTHERAPY IN DERMATOLOGY PROVIDING DETAILED DESCRIPTIONS OF IMMUNE TECHNIQUES FOR THE DIAGNOSIS OF SKIN DISEASES THEIR PRINCIPLES AND BACKGROUND INDICATIONS REQUIREMENTS FOR SAMPLING TEST PROTOCOLS INTERPRETATION OF RESULTS AND TROUBLE SHOOTING THIS WORK OFFERS INSIGHTS INTO BOTH THE SYSTEMIC IMMUNE SYSTEM AND THE SKIN IMMUNE SYSTEM AND INTEGRATES THE INFORMATION INTO DISCUSSIONS OF CLINICAL DISEASES RELEVANT IMMUNE TECHNIQUES AND IMMUNOLOGICAL DRUGS PRESENTING THE LATEST ADVANCES IN CLINICAL IMMUNOLOGY IT IS AN INVALUABLE RESOURCE FOR DERMATOLOGISTS RESIDENTS AND GRADUATE STUDENTS IN DERMATOLOGY MUCH ANECDOTAL INFORMATION HAS SUGGESTED AN INFLUENCE OF PSYCHOLOGY AND THE NERVOUS SYSTEM ON IMMUNITY WITHIN THE SKIN AND THE EXPRESSION OF INFLAMMATORY SKIN DISORDERS RECENT YEARS HAVE SEEN AN EXPLOSION OF KNOWLEDGE PROVIDING A SCIENTIFIC BASIS FOR IMPORTANT REGULATORY INTERACTIONS BETWEEN THE NERVOUS SYSTEM THE ENDOCRINE SYSTEM AND THE IMMUNE SYSTEM WITHIN THE SKIN THE RESULTS OF RECENT INVESTIGATIONS HAVE IMPORTANT IMPLICATIONS NOT ONLY FOR AN UNDERSTANDING OF CUTANEOUS IMMUNITY BUT ALSO FOR THE DEVELOPMENT OF NOVEL TREATMENTS FOR DISEASES INVOLVING ABNORMAL INFLAMMATION OR IMMUNE REACTIVITY WITHIN THE SKIN THIS BOOK PROVIDES A COMPREHENSIVE AND INTERDISCIPLINARY REVIEW OF THE MOLECULAR BIOLOGY CELL BIOLOGY BIOCHEMISTRY AND CLINICAL ASPECTS OF NERVOUS SYSTEM IMMUNE SYSTEM INTERACTIONS WITHIN THE SKIN IT INCLUDES CONTRIBUTIONS FROM LEADING WORLD EXPERTS IN THESE AREAS THE CONTENTS ARE RELEVANT TO BOTH INVESTIGATORS AND CLINICIANS INTERESTED IN THE SKIN ITS FUNCTIONS AND ITS DISORDERS THIS VOLUME PRESENTS NEW INFORMATION ON BOTH THE BASIC AND PRACTICAL ASPECTS OF SKIN BIOLOGY TOPICS DISCUSSED INCLUDE CONNECTIVE TISSUE COMPONENTS OF THE SKIN IMMUNOLOGY AND CELL BIOLOGY THE DEVELOPMENT AND DEGENERATION OF CUTANEOUS STRUCTURES AND APPENDAGES MECHANISMS OF SKIN DAMAGE AND

BIOCHEMICAL APPROACHES TO REPAIR AND CLINICAL APPROACHES TO SKIN REPLACEMENT THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA BRINGS THE CLINICIAN UP TO DATE ON ESSENTIAL TOPICS IN OCCUPATIONAL ASTHMA ARTICLES COVER DEFINITION CLASSIFICATION EPIDEMIOLOGY OLD AND NEW CAUSES PATHOGENESIS AND DISEASE MECHANISMS CLINICAL ASSESSMENT INCLUDING DIFFERENTIAL DIAGNOSIS AND MANAGEMENT OF WORK RELATED ASTHMA AND RELATED CONDITIONS OTHER SUBJECT MATTER INCLUDES OCCUPATIONAL RHINITIS IRRITANT INDUCED ASTHMA AND REACTIVE AIRWAYS DYSFUNCTION HYPERSENSITIVITY PNEUMONITIS AND RELATED CONDITIONS AND EVALUATION OF IMPAIRMENT AND DISABILITY THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS PROVIDES THE LATEST ESSENTIAL UPDATES IN ANGIOEDEMA THIS POTENTIALLY LIFE THREATENING CONDITION AS IS THE CASE WITH LARYNGEAL ANGIOEDEMA IS A RARE BUT IMPORTANT DISEASE LEADING PHYSICIANS REVIEW THE SPECTRUM OF ANGIOEDEMA TO PROVIDE A FRAMEWORK FOR APPROACHING THE MANAGEMENT OF THESE PATIENTS DIFFERENTIAL DIAGNOSIS IS DISCUSSED IN DEPTH AS A VARIETY OF OTHER CONDITIONS CAN MIMIC SOME ASPECTS OF ANGIOEDEMA ANGIOEDEMA OCCURS BOTH IN CONJUNCTION WITH OR SEPARATELY FROM THE MORE COMMON SWELLING DISORDER URTICARIA VARIOUS TYPES OF ANGIOEDEMA THAT CLASSICALLY OCCUR IN THE ABSENCE OF URTICARIA ARE DISCUSSED MULTIPLE TYPES OF HEREDITARY ANGIOEDEMA IDIOPATHIC RECURRING ANGIOEDEMA AND GLEICH S SYNDROME ARE COVERED THE RAPIDITY OF SCIENTIFIC PROGRESS OVER THE LAST FEW YEARS GUARANTEES THE UTILITY OF THIS NEW COLLECTION OF STATE OF THE ART REVIEWS ON THE IMMUNOLOGY OF AGING WHICH IS THE RESULT OF EXTENSIVE COLLABORATION OF MORE THAN SIXTY OF THE GREATEST THINKERS AND SCHOLARS IN THE FIELD IN COOPERATION WITH A NUMBER OF JUNIOR COLLEAGUES THE BOOK SUMMARIZES CURRENT KNOWLEDGE ON THE CELLULAR AND MOLECULAR ASPECTS OF THE AGING IMMUNE SYSTEM AND THEIR CLINICAL RELEVANCE PROVIDING INSIGHTS INTO THE EFFECTS OF THE AGING PROCESS ON SUSCEPTIBILITIES TO THOSE DISEASES MOST COMMON AMONG ELDERS THE RETRIEVAL STRATEGIES USED TO SLOW DOWN THE DECLINE IN THE IMMUNE SYSTEM IN THE ELDERLY ARE ANOTHER SUBJECT DETAILED EXTENSIVELY BY PROVIDING A BROAD OVERVIEW OF IMMUNOSENESCENCE AND ITS CONSEQUENCES AS WELL AS THEIR POTENTIAL MODULATION THIS BOOK WILL FILL A GAP IN A TIMELY MANNER IT WILL BE OF VALUE TO ALL IMMUNOLOGISTS WHETHER NOVICE OR EXPERIENCED AS WELL AS GERIATRICIANS AND EPIDEMIOLOGISTS GUEST EDITED BY EUGENE CHOO THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS COVERS THE LATEST RESEARCH IN DIAGNOSING AND MANAGING ASTHMA LIKE DISEASES TOPICS COVERED INCLUDE VOCAL CORD DYSFUNCTION DYNAMIC AIRWAY COLLAPSE RADS GERD SARCOIDOSIS AND MORE THIS BOOK REPRESENTS THE STATE OF THE ART IN THE FIELD OF SKIN AND AUTOIMMUNE RHEUMATIC DISEASES IT COVERS SYSTEMATICALLY A GROWING AND MULTIFACETED TOPIC WHICH IS OF GREAT IMPORTANCE IN THE CLINICAL PRACTICE IT ALSO SERVES AS A SHARP EDUCATIONAL TOOL AS EACH CHAPTER PROVIDES SUMMARIES AND SPECIFIC HIGHLIGHTS TO KEY REFERENCES CITED INTO THE TEXT THE PATHOPHYSIOLOGICAL LINK BETWEEN SKIN INVOLVEMENT AND AUTOIMMUNITY HAS BEEN EXPLAINED IN DETAIL AS WELL AS DIAGNOSTIC AND THERAPEUTIC ASPECTS THIS BOOK YIELDS AN IMPRESSIVE BODY OF WELL ORDERED INFORMATION WHICH SUMMARIZES THE EXPERIENCE OF A SELECTED PANEL OF DISTINGUISHED PHYSICIANS AND SCIENTISTS ACTIVELY INVOLVED IN THE FIELD OF SKIN IMMUNOLOGY AND SYSTEMIC AUTOIMMUNITY WRITTEN BY A RESPECTED PANEL OF DISTINGUISHED PHYSICIAN SCIENTISTS ACTIVELY INVOLVED IN THE FIELD OF SKIN IMMUNOLOGY AND SYSTEMIC AUTOIMMUNITY BOX SUMMARIES AT THE END OF EACH CHAPTER HIGHLIGHT IMPORTANT TOPICS UP TO DATE BASIC KNOWLEDGE AS WELL AS MODERN APPROACH TO DIAGNOSIS AND THERAPY IN THIS ISSUE OF IMMUNOLOGY ALLERGY CLINICS GUEST EDITOR DR ELIZABETH J PHILLIPS BRINGS HER CONSIDERABLE EXPERTISE TO THE TOPIC OF DRUG HYPERSENSITIVITY TOP EXPERTS IN THE FIELD COVER KEY TOPICS SUCH AS PERIOPERATIVE ANAPHYLAXIS TELEMEDICINE IN DRUG HYPERSENSITIVITY ASPIRIN EXACERBATED RESPIRATORY DISEASE PEDIATRIC DRUG ALLERGY AND MORE CONTAINS 15 RELEVANT PRACTICE ORIENTED TOPICS INCLUDING EXCIPIENT ALLERGY RECOGNIZING DRUG HYPERSENSITIVITY IN SKIN OF COLOR ALLERGY TO RADIOCONTRAST DYE MRGRPX2 AND ITS ROLE IN NON IGE MEDIATED MAST CELL ACTIVATION AND MORE PROVIDES IN DEPTH CLINICAL REVIEWS ON DRUG HYPERSENSITIVITY OFFERING ACTIONABLE INSIGHTS FOR CLINICAL PRACTICE PRESENTS THE LATEST INFORMATION ON THIS TIMELY FOCUSED TOPIC UNDER THE LEADERSHIP OF EXPERIENCED EDITORS IN THE FIELD AUTHORS SYNTHESIZE AND DISTILL THE LATEST RESEARCH AND PRACTICE GUIDELINES TO CREATE CLINICALLY SIGNIFICANT TOPIC BASED REVIEWS

SKIN IMMUNE SYSTEM (SIS)

1997-04-10

IMMUNODERMATOLOGY IS A FIELD COVERING THE MAJORITY OF SKIN DISEASES INCLUDING THE MOST PREVALENT ONES IN THE GENERAL POPULATION THE SECOND EDITION OF SKIN IMMUNE SYSTEM SIS DISCUSSES IMMUNE MEDIATED SKIN DISEASES AND DISEASE GROUPS IN WHICH THE SIS PLAYS A ROLE IT COVERS MAJOR FINDINGS IN IMMUNOPHYSIOLOGY AND IMMUNOPATHOLOGY THAT HAVE OCCURRED SINCE THE INTRODUCTION OF THE FIRST EDITION IN 1990 AS THE SUBTITLE INDICATES THE SECOND EDITION ADDS A NEW EMPHASIS ON CUTANEOUS IMMUNOLOGY AND ALSO INCLUDES NEW INFORMATION ON IMMUNE BASED THERAPEUTIC INTERVENTIONS AND METHODS SUCH AS PHOTOTHERAPY AND THE IMMUNOLOGICAL THERAPY OF SKIN CANCER THE BOOK CONTAINS PART I WITH INTRODUCTORY CHAPTERS PART II WITH DESCRIPTIONS OF THE CELLULAR ELEMENTS AND PART III WHICH DESCRIBES THE HUMORAL AND MOLECULAR COMPONENTS OF SIS PART IV FOLLOWS TO INTEGRATE THE FACTS DESCRIBED IN PARTS II AND III INTO CONCEPTS OF PATHOPHYSIOLOGY IT CONTAINS A NUMBER OF CONCEPTS ENTITLED RESPONSE PATTERNS THAT DESCRIBE HOW THE CONSTITUTIONAL ELEMENTS OF SIS WORK TOGETHER NEW IN THIS EDITION ARE THE DESCRIPTIONS OF IMMUNODERMATOLOGICAL DISEASES INDIVIDUALLY DESCRIBED IN PART V PART VI IS ALSO ALL NEW AND SUMMARIZES PRINCIPLES OF IMMUNOTHERAPY

SKIN IMMUNE SYSTEM

2005

TOP SCIENTIFIC AUTHORS CONTRIBUTE THEIR EXPERTISE AND PUT A WEALTH OF COMPLEX INFORMATION INTO PERSPECTIVE IN SKIN IMMUNE SYSTEM CUTANEOUS IMMUNOLOGY CLINICAL IMMUNODERMATOLOGY THIRD EDITION THIS EDITION PROVIDES AN OVERVIEW OF THE SKIN IMMUNE SYSTEM SIS A TOTALLY UPDATED SECTION ON IMMUNODERMATOLOGICAL DISEASES AND SIX NEW CHAPTERS PART I PRESENTS HISTORICAL AND COMPARATIVE INFORMATION ON IMMUNODERMATOLOGY AND INCLUDES A NEW CHAPTER ON THE IMMUNOGENETICS OF INFLAMMATORY SKIN DISEASE WHILE PART II COVERS THE CELLULAR ELEMENTS OF SIS AND HIGHLIGHTS NEWLY DEFINED FUNCTIONAL SUBCLASSES OF CELLS PART III DESCRIBES THE HUMORAL ELEMENTS OF SIS AND PROVIDES TWO NEW CHAPTERS WHICH FOCUS ON DEFENSINS AND CATHELICIDINS AND ON THE CHEMOKINES OF HUMAN SKIN PART IV DISCUSSES HOW THE CELLULAR AND HUMORAL ELEMENTS OF SIS INTERACT UNDER DIFFERENT CIRCUMSTANCES AND INCLUDES A NEW CHAPTER ON SIGNAL TRANSDUCTION PATHWAYS IN CUTANEOUS IMMUNOLOGY PART V FOCUSES ON DERMATOLOGICAL DISEASES WITH A SIGNIFICANT IMMUNOLOGICAL BACKGROUND WITH A NEW CHAPTER ON THE IMMUNOLOGY OF CUTANEOUS DRUG ERUPTIONS FOLLOWED BY PART VI ON IMMUNOTHERAPY IN DERMATOLOGY WHICH FEATURES A NEW CHAPTER REFLECTING THE RECENT WAVE OF PRODUCTS FROM BIOTECHNOLOGY SINCE THE PUBLICATION OF THE PREVIOUS EDITIONS A GREAT DEAL OF SIGNIFICANT INFORMATION HAS BECOME AVAILABLE IN ALMOST ALL AREAS OF CUTANEOUS IMMUNOLOGY AND CLINICAL IMMUNODERMATOLOGY THIS PROGRESS HAS NOW BEEN REFLECTED IN A COMPLETELY UPDATED AND EXPANDED RESOURCE

IMMUNOLOGY OF THE SKIN

2016-03-10

THIS BOOK REVIEWS THE ROLE OF EACH CELL SUBSET IN THE SKIN PROVIDING THE BASICS FOR UNDERSTANDING SKIN IMMUNOLOGY AND THE MECHANISMS OF SKIN DISEASES THE SKIN IS ONE OF THE IMMUNE ORGANS AND IS CONTINUALLY EXPOSED TO FOREIGN ANTIGENS AND EXTERNAL STIMULI THAT MUST BE MONITORED AND CHARACTERIZED FOR POSSIBLE ELIMINATION UPON EXPOSURE TO FOREIGN ANTIGENS THE SKIN CAN ELICIT A VARIETY OF IMMUNE RESPONSES IN HARMONY WITH SKIN COMPONENTS THAT INCLUDE KERATINOCYTES DENDRITIC CELL SUBSETS MAST CELLS BASOPHILS FIBROBLASTS MACROPHAGES GAMMA DELTA T CELLS NEUTROPHILS MYELOID DERIVED SUPPRESSOR CELLS VASCULAR AND LYMPHATIC CELLS HAIR FOLLICLES PLATELETS AND ADIPOSE TISSUES AMONG OTHERS IN THE PAST 10 YEARS KNOWLEDGE OF IMMUNOLOGY HAS EXPANDED DRASTICALLY IN AREAS SUCH AS INNATE IMMUNITY TOLL LIKE RECEPTORS C TYPE LECTINS AND HOST DEFENSES TO BACTERIA AND VIRUSES AND THIS INCREASED KNOWLEDGE HAS LED TO THE DEVELOPMENT OF MORE EFFECTIVE TREATMENT OF PSORIASIS AND OTHER SKIN DISEASES THIS BOOK PROVIDES UPDATES ON THE MECHANISMS OF SKIN DISEASES INCLUDING CONTACT DERMATITIS ATOPIC DERMATITIS PSORIASIS URTICARIA DRUG ERUPTION BULLOUS DISEASES ANAPHYLAXIS GRAFT VERSUS HOST DISEASE ROSACEA LYMPHOMA PHOTODERMATOLOGY AND COLLAGEN VASCULAR DISEASES UNDERSTANDING THE BASICS OF SKIN IMMUNOLOGY WILL HELP CLINICIANS AND DERMATOLOGISTS USE NEW THERAPEUTICS SUCH AS BIOLOGICS EFFICIENTLY SERVING AS AN INTERMEDIARY BETWEEN BASIC SCIENCE AND CLINICAL MEDICINE THIS BOOK GIVES READERS THE OPPORTUNITY TO UNDERSTAND AND MARVEL AT THE MYSTERY AND FASCINATION OF SKIN IMMUNOLOGY

IMMUNOLOGY AND SKIN DISEASES

1981

THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS GUEST EDITED BY DRS PECK ONG AND PETER SCHMID GREDELMEIER IS DEVOTED TO ALLERGIC SKIN DISEASES ARTICLES IN THIS ISSUE INCLUDE WET WRAP THERAPY IN ATOPIC DERMATITIS BIOLOGICS IN CHRONIC URTICARIA CLINICAL MEASURES OF CHRONIC URTICARIA CUTANEOUS MANIFESTATION OF DRUG ALLERGY ITCH IN ATOPIC DERMATITIS BIOMARKERS IN ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF CHRONIC URTICARIA ACE INHIBITOR INDUCED ANGIOEDEMA THE ROLE OF FUNGI IN ATOPIC DERMATITIS CUTANEOUS MANIFESTATION OF FOOD ALLERGY PEDIATRIC MASTOCYTOSIS ALLERGIC CONTACT DERMATITIS HEREDITARY ANGIOEDEMA INFECTIOUS COMPLICATIONS IN ATOPIC DERMATITIS AND CUTANEOUS MANIFESTATIONS PRIMARY IMMUNODEFICIENCY AUTOIMMUNITY

ALLERGIC SKIN DISEASES, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA, E-BOOK

2016-11-24

THIS PUBLICATION SERVES AS A GUIDE TO MEDICAL DOCTORS AND DENTISTS IN THE EVALUATION AND MANAGEMENT OF PROBLEMS RELATED TO NICKEL ALLERGY THE CHEMISTRY ANALYSIS AND MONITORING OF NICKEL IS EXPLORED RECENT ADVANCES IN THE IMMUNOLOGY OF NICKEL ARE DISCUSSED ADDITIONALLY SENSITIZATION ASSAYS FOR BOTH HUMANS AND ANIMALS ARE PRESENTED THE CLINICAL GENETIC AND EPIDEMIOLOGIC ASPECTS OF NICKEL SENSITIZATION AND NICKEL DERMATITIS ARE EXPLAINED SOCIAL AND DEMOGRAPHIC ASPECTS OF NICKEL CONTACT ALLERGY ARE DISCUSSED AS WELL AS THE TOPIC OF THE NICKEL DERMATITIS AS A PREVENTABLE HEALTH PROBLEM

NICKEL AND THE SKIN

1989-04-30

ALLERGIC SKIN DISEASES BELONG TO THE MOST COMMON DERMATOSES THIS BOOK DEALS WITH FUNDAMENTAL IN PARTICULAR IMMUNOLOGICAL ASPECTS AS WELL AS CLINICAL SYMPTOMS AND THERAPEUTIC STRATEGIES OF THE ALLERGIC SKIN DISEASES CELLS INVOLVED IN THE PATHOMECHANISMS OF ALLERGIC SKIN DISEASE ARE DESCRIBED IN INDIVIDUAL CHAPTERS THE ALLERGIC SKIN DISEASES WHICH WILL BE DISCUSSED ARE ATOPIC DERMATITIS BEING THE CHRONIC INFLAMMATORY SKIN DISEASE WITH THE HIGHEST PREVALENCE ALLERGIC CONTACT DERMATITIS WITH SPECIAL FOCUS ON CONTACT DERMATITIS FROM COSMETICS BEING THE MOST FREQUENT CAUSE OF CONTACT DERMATITIS AND OCCUPATIONAL CONTACT DERMATITIS THE BROAD ETHIOLOGY OF URTICARIA AND THE VALUE OF SEVERAL THERAPEUTIC STRATEGIES WILL BE EXPLAINED THE CHAPTER ON DRUG ALLERGY WILL DEAL WITH THE VARIETY OF SYMPTOMS AND THE DIFFICULTIES CONCERNING IN VITRO AND IN VIVO DIAGNOSIS THE BOOK IS OF GREAT INTEREST TO CLINICIANS WORKING IN THE FIELD OF DERMATOLOGY ALLERGOLOGY PEDIATRICS AND EVEN GENERAL PRACTITIONERS

IMMUNOLOGY AND DRUG THERAPY OF ALLERGIC SKIN DISEASES

2012-12-06

SKIN ALLERGY AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA E BOOK

SKIN ALLERGY, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA, E-BOOK

2021-07-08

OVER THE LAST DECADE ENORMOUS PROGRESS IN THE UNDERSTANDING OF T CELL HOMING HAS MADE IT POSSIBLE TO IDENTIFY THE MULTITUDE OF MOLECULES INVOLVED SUCH AS CYTOKINES CHEMOKINES AND ADHESION MOLECULES AND TO UNRAVEL THEIR COMPLEX INTERACTIONS RESULTING IN CONTROLLED NON RANDOM T CELL RECIRCULATION THESE INSIGHTS ARE NOW BEING EXPLORED THERAPEUTICALLY WITH SEVERAL COMPOUNDS CLOSE TO APPROVAL HIGHLIGHTING KEY FINDINGS IN THE FIELD LYMPHOCYTE HOMING TO THE SKIN IMMUNOLOGY IMMUNOPATHOLOGY AND

THERAPEUTIC PERSPECTIVES BRINGS INSIGHT TO THE PHYSIOLOGY AND PATHOPHYSIOLOGY OF T CELL HOMING AS A PROCESS AS WELL AS TO THE MANIPULATION OF THIS PROCESS FOR THERAPEUTIC BENEFIT THE BOOK BEGINS WITH A REVIEW OF THE ROLE OF T LYMPHOCYTES IN SKIN BIOLOGY FOLLOWED BY COVERAGE OF THE PROCESS OF LYMPHOCYTE RECRUITMENT AND LYMPHOCYTE HOMING TO THE SKIN SUBSEQUENT CHAPTERS DESCRIBE IN VITRO TECHNIQUES TO INVESTIGATE LYMPHOCYTE EXTRAVASATION IN VIVO METHODS TO STUDY LYMPHOCYTE HOMING TO THE SKIN AND CUTANEOUS T LYMPHOCYTIC INFILTRATES IN SKIN PATHOLOGY THE TEXT CONCLUDES WITH DISCUSSIONS ON TRANSLATING CUTANEOUS T CELL RECRUITMENT TO PATIENTS PROVIDING A TIMELY UPDATE ON T CELL HOMING THIS BOOK CLARIFIES OUR UNDERSTANDING OF THIS COMPLEX PROCESS AND OFFERS GUIDANCE ON POTENTIAL THERAPIES IT FULFILLS THE NEEDS OF THOSE INVOLVED IN SKIN BIOLOGY SKIN TOXICOLOGY AND DERMATOLOGY AND PROPOSES NEW DIRECTIONS FOR INNOVATIVE RESEARCH

DERMATOLOGIC IMMUNOLOGY AND ALLERGY

1985

THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS GUEST EDITED BY DRS PECK ONG AND PETER SCHMID GRENDELMEIER IS DEVOTED TO ALLERGIC SKIN DISEASES ARTICLES IN THIS ISSUE INCLUDE WET WRAP THERAPY IN ATOPIC DERMATITIS BIOLOGICS IN CHRONIC URTICARIA CLINICAL MEASURES OF CHRONIC URTICARIA CUTANEOUS MANIFESTATION OF DRUG ALLERGY ITCH IN ATOPIC DERMATITIS BIOMARKERS IN ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF ATOPIC DERMATITIS DIFFERENTIAL DIAGNOSIS OF CHRONIC URTICARIA ACE INHIBITOR INDUCED ANGIOEDEMA THE ROLE OF FUNGI IN ATOPIC DERMATITIS CUTANEOUS MANIFESTATION OF FOOD ALLERGY PEDIATRIC MASTOCYTOSIS ALLERGIC CONTACT DERMATITIS HEREDITARY ANGIOEDEMA INFECTIOUS COMPLICATIONS IN ATOPIC DERMATITIS AND CUTANEOUS MANIFESTATIONS PRIMARY IMMUNODEFICIENCY AUTOIMMUNITY

IMMUNOLOGY AND SKIN DISEASES

1982-02-01

BY 1940 IMMUNOLOGICAL MECHANISMS HAD BEEN PROVED TO HAVE FUNDAMENTAL INFLUENCES ON A GREAT NUMBER AND VARIETY OF SKIN REACTIONS AND SKIN DISEASES HAD BROUGHT TO LIGHT A GREAT NUMBER OF FUNDAMENTAL IMMUNOLOGICAL MECHANISMS THAT WERE BASIC TO A WIDE RANGE OF DIFFERENT DISEASES DERMATOLOGICAL AND NONDERMATOLOGICAL THE PREMINENCE OF DERMATOLOGICAL RESEARCH IN THE ADVANCEMENT OF IMMUNOLOGICAL KNOWLEDGE SHOULD NOT ASTONISH ANYONE FOR THE SKIN IS NOT ONLY THE MOST EASILY ACCESSIBLE TISSUE FOR PRODUCING AND STUDYING IMMUNOLOGICAL REACTIONS IT IS ALSO THE GREAT ORGAN OF PROTECTION THAT MEETS THE FIRST ONSLAUGHTS OF INIMICAL ENVIRONMENTAL FORCES AND AGENTS POTENTIAL ENEMIES BOTH LIVING AND DEAD AND PROTECTION IS IN ESSENCE WHAT IMMUNOLOGY IS ALL ABOUT TO GET AN IDEA OF THE LONG ESTABLISHED ROLE THAT TESTING THE SKIN AND THE STUDY OF ITS MANY REACTIONS HAS PLAYED IN ADVANCING GENERAL IMMUNOLOGY ONE NEED RECALL ONLY SMALLPOX VACCINATION TUBERCULIN TESTING TESTING WITH FUNGAL EXTRACTS SKIN TESTING IN HAY FEVER ASTHMA AND SERUM SICKNESS SKIN TESTS WITH TOXINS AND TOXOIDS THE PATCH TEST THE PASSIVE TRANSFER OF SKIN ADHERING ANTIBODIES REAGINS SKIN SENSITIZATION BY SIMPLE CHEMICALS AND SIMILAR DERMATOLOGICAL PROCEDURES THAT HAVE EXERTED THEIR INFLUENCE ON MEDICAL AND SCIENTIFIC DISCIPLINES FAR BEYOND DERMATOLOGY

IMMUNE MECHANISMS IN CUTANEOUS DISEASE, FIRST EDITION

1989

THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS PROVIDES A COMPREHENSIVE REVIEW OF AUTOIMMUNE SKIN DISEASES INCLUDING BULLOUS PEMPHIGOID PEMPHIGUS VULGARIS LINEAR IGA DISEASE DERMATITIS HERPETIFORMIS BLISTERING AND BULLOUS DISEASES

LYMPHOCYTE HOMING TO THE SKIN

2004-12-28

ADDRESSES THOSE AREAS OF SKIN IMMUNOLOGY AND SKIN SCIENCES THAT ACCOUNT FOR THE PROCESSES THAT CONTROL IRRITANT AND ALLERGIC CONTACT DERMATITIS OUTLINES NUMEROUS CELLULAR AND MOLECULAR FACTORS INVOLVED IN THE DEVELOPMENT OF IRRITATION AND SENSITIZATION AND DESCRIBES TECHNOLOGIES AND THE PRACTICAL APPLICATION OF BIOCHEMICALS WHICH

MIGHT LEAD TO REDUCTION OF THESE SKIN REACTIONS REVIEWS IMMUNE FUNCTION IN CONTACT DERMATITIS AND REVIEWS PATENT LITERATURE OF AGENTS MODULATING IRRITATION AND SENSITIZATION KYDONIEUS IS PRESIDENT OF A PHARMACEUTICAL COMPANY INVOLVED IN DEVELOPMENT OF BIOMATERIALS AND DRUG DELIVERY PRODUCTS

NEUTROPHIL-MEDIATED SKIN DISEASES: IMMUNOLOGY AND GENETICS

2019-12-30

IMMUNODERMATOLOGY PRESENTS A COMPREHENSIVE EXAMINATION OF THE PROCEEDINGS THAT RESULTED FROM THE INTERNATIONAL IMMUNODERMATOLOGY SYMPOSIUM WHICH HAPPENED IN LONDON IT DISCUSSES THE RELATIONSHIP OF IMMUNO HISTOCHEMICAL STUDY TO SKIN DISEASE IT ADDRESSES THE FUNCTION AND RECOGNITION OF LYMPHOCYTES SOME OF THE TOPICS COVERED IN THE BOOK ARE THE IMMUNOLOGICAL OBSERVATIONS IN 12 CASES OF KAPOSI S HERPETIC ERUPTION ANTI INFLAMMATORY EFFECTS OF ADRENOCEPTOR AGONISTS IN PATIENTS WITH ATOPIC ECZEMA A STUDY OF THE SENSITIVITY AND SPECIFICITY OF CUTANEOUS VASCULAR IMMUNOFUORESCENCE AND FUNCTIONAL ACTIVITY OF GRANULOCYTES FROM PATIENTS WITH NEUTROPHILIC DERMATOSES THE MECHANISMS OF CUTANEOUS LUPUS ERYTHEMATOSUS ARE FULLY COVERED AN IN DEPTH ACCOUNT OF THE CYTOCHEMICAL AND IMMUNOLOGICAL FINDINGS IN CUTANEOUS MULTILOBATED CELL LYMPHOMA ARE PROVIDED THE IMMUNOHISTOLOGICAL ANALYSIS OF DERMAL LEPROUS GRANULOMAS IS COMPLETELY PRESENTED A CHAPTER IS DEVOTED TO THE STUDY OF HUMAN EPIDERMAL CELL DIFFERENTIATION USING MONOCLONAL ANTIBODIES ANOTHER SECTION FOCUSES ON THE PROGNOSTIC SIGNIFICANCE OF MELANOMA ASSOCIATED ANTIGENS IN PRIMARY AND METASTATIC MELANOMAS THE BOOK CAN PROVIDE USEFUL INFORMATION TO DOCTORS DERMATOLOGISTS STUDENTS AND RESEARCHERS

ALLERGIC SKIN DISEASES, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA

2017-02-28

NICKELOFF SKIN CANCER RESEARCH CARDINAL BERNARDIN CANCER CENTER CHICAGO AND NESTLE CUTANEOUS MEDICINE AND IMMUNOTHERAPY KING S COLLEGE LONDON SCHOOL OF MEDICINE AT GUY S UK ASSEMBLE 19 REVIEW ARTICLES ON AUTOIMMUNE DISEASE PROCESSES THAT AFFECT THE SKIN COVERING BOTH HUMORAL AND CELLULAR IMMUNITY THE ETIOLOGY CELLULAR AND MOLECULAR MECHANISMS THERAPEUTIC STRATEGIES AND PATHOPHYSIOLOGY OF DISEASES SUCH AS PSORIASIS DERMATITIS CUTANEOUS LUPUS ERYTHEMATOSUS VITILIGO AND SCLERODERMA ARE DISCUSSED BY INDIVIDUALS IN DERMATOLOGY GENETICS IMMUNOLOGY AND PATHOLOGY WHO ARE BASED AROUND THE WORLD THE BOOK IS AIMED AT CLINICAL RESEARCHERS STUDENTS ALLERGISTS IMMUNOLOGISTS DERMATOLOGISTS AND INTERNISTS

IMMUNODERMATOLOGY

2013-11-11

MUCH ANECDOTAL INFORMATION HAS SUGGESTED AN INFLUENCE OF PSYCHOLOGY AND THE NERVOUS SYSTEM ON IMMUNITY WITHIN THE SKIN AND THE EXPRESSION OF INFLAMMATORY SKIN DISORDERS RECENT YEARS HAVE SEEN AN EXPLOSION OF KNOWLEDGE PROVIDING A SCIENTIFIC BASIS FOR IMPORTANT REGULATORY INTERACTIONS BETWEEN THE NERVOUS SYSTEM THE ENDOCRINE SYSTEM AND THE IMMUNE SYSTEM WITHIN THE SKIN THE RESULTS OF RECENT INVESTIGATIONS HAVE IMPORTANT IMPLICATIONS NOT ONLY FOR AN UNDERSTANDING OF CUTANEOUS IMMUNITY BUT ALSO FOR THE DEVELOPMENT OF NOVEL TREATMENTS FOR DISEASES INVOLVING ABNORMAL INFLAMMATION OR IMMUNE REACTIVITY WITHIN THE SKIN THIS BOOK PROVIDES A COMPREHENSIVE AND INTERDISCIPLINARY REVIEW OF THE MOLECULAR BIOLOGY CELL BIOLOGY BIOCHEMISTRY AND CLINICAL ASPECTS OF NERVOUS SYSTEM IMMUNE SYSTEM INTERACTIONS WITHIN THE SKIN IT INCLUDES CONTRIBUTIONS FROM LEADING WORLD EXPERTS IN THESE AREAS THE CONTENTS ARE RELEVANT TO BOTH INVESTIGATORS AND CLINICIANS INTERESTED IN THE SKIN ITS FUNCTIONS AND ITS DISORDERS

AUTOIMMUNE DISEASES OF THE SKIN, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS - E-BOOK

2012-07-15

THIS BOOK PRESENTS THE STATE OF THE ART IN CELLULAR AND MOLECULAR MECHANISMS REGULATING THE IMMUNE RESPONSE IN ALLERGIC INFLAMMATION SPECIAL ATTENTION IS GIVEN TO THE CENTRAL ROLE OF REGULATORY T CELLS TREG IN IMMUNE REGULATION AND INDUCTION OF PERIPHERAL TOLERANCE AS WELL AS TO THE RELEVANCE OF TH17 CELLS IN CHRONIC INFLAMMATION THE

IMPORTANCE OF TREG AND TH17 CELLS IS DEMONSTRATED IN BRONCHIAL ASTHMA ATOPIC ECZEMA CONTACT DERMATITIS AND DELAYED TYPE HYPERSENSITIVITY FURTHERMORE T CELL MEDIATED REGULATORY MECHANISMS IN HELMINTHIC INFECTIONS AND FUNGAL ALLERGY ARE DISCUSSED SEVERAL CHAPTERS ARE DEVOTED TO THE THERAPEUTIC CONSEQUENCES THAT THESE RECENTLY DISCOVERED T CELL FUNCTIONS MAY HAVE THEIR ROLE AS A POTENTIAL TARGET FOR SPECIFIC IMMUNOTHERAPY IS EVALUATED AND NOVEL APPROACHES FOR PERIPHERAL TOLERANCE INDUCTION AND TREATMENT OF ALLERGIC AND ASTHMATIC DISEASES AND INFLAMMATION ARE SUGGESTED STEM CELL TRANSPLANTATION AS A FUTURE THERAPEUTIC INTERVENTION IN REGULATORY T CELL DISORDERS IS ALSO CONSIDERED WELL EDITED AND UP TO DATE THIS VOLUME IS RECOMMENDED READING FOR ALLERGOLOGISTS IMMUNOLOGISTS DERMATOLOGISTS AND ANY SCIENTIST INTERESTED IN THE IMMUNOLOGICAL EVENTS REGULATING ALLERGIC INFLAMMATION IN GENERAL AND ALLERGIC MANIFESTATIONS IN DIFFERENT ORGANS

IMMUNOLOGY AND THE SKIN

1971

IN THIS BOOK WE ATTEMPT TO SUMMARIZE THE PRESENT STATE OF KNOWLEDGE IN THE FIELD OF PHOTOIMMUNOLOGY AND TO PROVIDE THE BACKGROUND NECESSARY TO PUT THIS KNOWLEDGE INTO PERSPECTIVE THIS OBJECTIVE REQUIRES DESCRIPTIVE OVERVIEWS IN PHOTOBIOLOGY IMMUNOLOGY AND DERMATOLOGY OUR HOPE IS TO FACILITATE INTERDISCIPLINARY COMMUNICATION AND TO STIMULATE INTEREST IN PHOTOIMMUNOLOGY SECTION I PRINCIPLES OF PHOTOIMMUNOLOGY DESCRIBES 1 BASIC INTERACTIONS BETWEEN UV AND VISIBLE RADIATION AND BIOLOGIC MATTER 2 THE OPTICAL PROPERTIES OF HUMAN SKIN AND 3 NORMAL AND ABNORMAL RESPONSES TO UV RADIATION BASIC PRINCIPLES OF SELECTED ASPECTS OF IMMUNOLOGY AND PHOTOBIOLOGY ARE EXPLAINED SECTION II EXPERIMENTAL PHOTOIMMUNOLOGY DESCRIBES MOLECULAR CELLULAR ANIMAL AND HUMAN STUDIES IN PHOTOIMMUNOLOGY SECTION III CLINICAL PHOTO IMMUNOLOGY PRESENTS EVIDENCE OF THE INVOLVEMENT OF PHOTOIMMUNOLOGIC MECHANISMS IN DISEASES OF THE SKIN AND BLOOD AND EXAMINES THE POSSIBLE INVOLVEMENT OF IMMUNOLOGIC MECHANISMS IN THERAPEUTIC PHOTOMEDICINE THE FUNDAMENTAL PRINCIPLES OUTLINED IN THIS BOOK SHOULD PROVE USEFUL FOR DECADES TO COME HOWEVER OUR EXPECTATION IS THAT THE EXPERIMENTAL DATA WILL BE OUTDATED IN A SHORT PERIOD OF TIME THE POTENTIAL OF PHOTOIMMUNOLOGY IS GREAT ENOUGH AND THE SERIOUS STUDY OF PHOTO IMMUNOLOGY IS RECENT ENOUGH THAT THIS SHOULD BE THE CASE THIS BOOK IS DEDICATED TO THE GOAL OF CONTINUING RAPID GROWTH IN THE FIELD OF PHOTOIMMUNOLOGY

CUTANEOUS NEUROIMMUNOMODULATION

1999

THE AIM OF THIS COMPREHENSIVE VOLUME IS TO PROVIDE DETAILED AND WELL REFERENCED INFORMATION PERTAINING TO THE IMMUNOLOGY OF SKIN PARTICULARLY THAT OF MAN IT INCLUDES A SHORT DESCRIPTION OF COMPARATIVE IMMUNOLOGY PLUS AN INTRODUCTION INTO THE SKIN IMMUNE SYSTEM AND SKIN ASSOCIATED LYMPHOID TISSUES THIS SECTION ALSO DESCRIBES ADHESION MOLECULES AND THEIR ROLE IN CELL MIGRATION PATHWAYS THIS INTERESTING TEXT PROVIDES UP TO DATE KNOWLEDGE OF KERATINOCYTES LYMPHOCYTES LANGERHANS CELLS MONOCYTES ENDOTHELIAL CELLS AND MAST CELLS IT DESCRIBES THE HUMORAL CONSTITUENTS OF THE HUMAN INTEGUMENTS DEFENSE SYSTEM AS WELL AS THE MAJOR RESPONSE PATTERNS OF THE SKIN IMMUNE SYSTEM THIS EASY TO READ REFERENCE OUTLINES FUTURE DEVELOPMENTS WHICH ARE TO BE EXPECTED IN THE FIELD OF IMMUNODERMATOLOGY AND THE IMMUNOBIOLOGY OF THE INTEGUMENT THOSE INVOLVED WITH IMMUNOLOGY BIOLOGY AND DERMATOLOGY WILL FIND THIS BOOK INTERESTING INFORMATIVE AND INDISPENSABLE

IMMUNOLOGY OF SKIN DISEASES

1980

THE SKIN AND THE EYE SHARE VULNERABILITIES TO VARIOUS AUTOIMMUNE AND IMMUNOPATHOGENIC DISORDERS YET DISPLAY IMMUNITY IN STRIKINGLY DIFFERENT WAYS THIS BOOK PRESENTS UP TO DATE INFORMATION ON DISORDERS AND EXPLORES THE MECHANISMS BY WHICH IMMUNOLOGICAL PROCESSES AFFECT THESE TWO ORGAN SYSTEMS

IMMUNODERMATOLOGY

2014-06-28

AUTOIMMUNE DISORDERS OF THE SKIN REMAIN AN ENIGMA FOR MANY CLINICIANS AND SCIENTISTS NOT FAMILIAR WITH THESE MOSTLY SEVERE AND CHRONIC DISEASES THE BOOK PROVIDES AN OVERVIEW AND THE LATEST INFORMATION ON THE BROAD SPECTRUM OF CUTANEOUS AUTOIMMUNE DISORDERS FOR CLINICIANS SCIENTISTS AND PRACTITIONERS IN DERMATOLOGY MEDICINE RHEUMATOLOGY ENT PEDIATRICS AND OPHTHALMOLOGY THE BOOK IS UNIQUE SINCE IT PRESENTS THE STATE OF THE ART KNOWLEDGE ON PATHOPHYSIOLOGY CLINICAL DIAGNOSIS AND MANAGEMENT OF THESE DISORDERS PROVIDED BY THE WORLD EXPERTS IN THE FIELD THE PRIMARY INTENTION IS TO BROADEN THE UNDERSTANDING OF THE PATHOPHYSIOLOGY OF CUTANEOUS AUTOIMMUNE DISORDERS AND TO PROVIDE A PRACTICAL GUIDE TO HOW TO IDENTIFY AND HANDLE THESE CONDITIONS THE BOOK IS ILLUSTRATED WITH MANY TABLES ILLUSTRATIVE FIGURES AND CLINICAL COLOR PHOTOGRAPHS THE THIRD EDITION HAS BEEN THOROUGHLY UPDATED AND EXTENDED BY CHAPTERS ON PARANEOPLASTIC CUTANEOUS SYNDROMES A TOPIC DERMATITIS AND AUTOIMMUNITY AND SKIN MANIFESTATIONS OF RHEUMATIC DISEASES

DERMATOLOGIC IMMUNITY

2008-01-01

THIS BOOK DISCUSSES TYPICAL SKIN DISEASES FROM AN IMMUNOLOGICAL POINT OF VIEW INTRODUCING THE LATEST IMMUNOLOGICAL TECHNIQUES AND PRACTICES IT BEGINS WITH A BRIEF OVERVIEW OF THE HUMAN IMMUNE SYSTEM INCLUDING THE BASIC CONCEPTS AND PRINCIPLES AS WELL AS THE GENERAL SYMBOLS USED IN IMMUNOLOGY PART TWO DESCRIBES THE HUMAN SKIN AS AN INTEGRAL PART OF THE IMMUNE SYSTEM EXPLAINING THE IMMUNOLOGICAL ROLES OF MAJOR CELLULAR AND MOLECULAR COMPOSITES IN THE SKIN PART THREE ILLUSTRATES TYPICAL SKIN DISEASES THAT HAVE IMMUNOLOGICAL INVOLVEMENT IMMUNODERMATOLOGICAL CONDITIONS IT DESCRIBES 40 SKIN DISEASES FOCUSING ON IMMUNOLOGICAL CAUSES PATHOGENESIS PATTERN OF REACTION AND TREATMENT CHOICES AND RESPONSES THE FINAL PART DISCUSSES ADVANCED IMMUNODIAGNOSTICS AND IMMUNOTHERAPY IN DERMATOLOGY PROVIDING DETAILED DESCRIPTIONS OF IMMUNE TECHNIQUES FOR THE DIAGNOSIS OF SKIN DISEASES THEIR PRINCIPLES AND BACKGROUND INDICATIONS REQUIREMENTS FOR SAMPLING TEST PROTOCOLS INTERPRETATION OF RESULTS AND TROUBLE SHOOTING THIS WORK OFFERS INSIGHTS INTO BOTH THE SYSTEMIC IMMUNE SYSTEM AND THE SKIN IMMUNE SYSTEM AND INTEGRATES THE INFORMATION INTO DISCUSSIONS OF CLINICAL DISEASES RELEVANT IMMUNE TECHNIQUES AND IMMUNOLOGICAL DRUGS PRESENTING THE LATEST ADVANCES IN CLINICAL IMMUNOLOGY IT IS AN INVALUABLE RESOURCE FOR DERMATOLOGISTS RESIDENTS AND GRADUATE STUDENTS IN DERMATOLOGY

NEUROIMMUNOLOGY OF THE SKIN

2009-02-08

MUCH ANECDOTAL INFORMATION HAS SUGGESTED AN INFLUENCE OF PSYCHOLOGY AND THE NERVOUS SYSTEM ON IMMUNITY WITHIN THE SKIN AND THE EXPRESSION OF INFLAMMATORY SKIN DISORDERS RECENT YEARS HAVE SEEN AN EXPLOSION OF KNOWLEDGE PROVIDING A SCIENTIFIC BASIS FOR IMPORTANT REGULATORY INTERACTIONS BETWEEN THE NERVOUS SYSTEM THE ENDOCRINE SYSTEM AND THE IMMUNE SYSTEM WITHIN THE SKIN THE RESULTS OF RECENT INVESTIGATIONS HAVE IMPORTANT IMPLICATIONS NOT ONLY FOR AN UNDERSTANDING OF CUTANEOUS IMMUNITY BUT ALSO FOR THE DEVELOPMENT OF NOVEL TREATMENTS FOR DISEASES INVOLVING ABNORMAL INFLAMMATION OR IMMUNE REACTIVITY WITHIN THE SKIN THIS BOOK PROVIDES A COMPREHENSIVE AND INTERDISCIPLINARY REVIEW OF THE MOLECULAR BIOLOGY CELL BIOLOGY BIOCHEMISTRY AND CLINICAL ASPECTS OF NERVOUS SYSTEM IMMUNE SYSTEM INTERACTIONS WITHIN THE SKIN IT INCLUDES CONTRIBUTIONS FROM LEADING WORLD EXPERTS IN THESE AREAS THE CONTENTS ARE RELEVANT TO BOTH INVESTIGATORS AND CLINICIANS INTERESTED IN THE SKIN ITS FUNCTIONS AND ITS DISORDERS

IMMUNOLOGY AND THE SKIN

1971-01-01

THIS VOLUME PRESENTS NEW INFORMATION ON BOTH THE BASIC AND PRACTICAL ASPECTS OF SKIN BIOLOGY TOPICS DISCUSSED INCLUDE CONNECTIVE TISSUE COMPONENTS OF THE SKIN IMMUNOLOGY AND CELL BIOLOGY THE DEVELOPMENT AND DEGENERATION OF CUTANEOUS STRUCTURES AND APPENDAGES MECHANISMS OF SKIN DAMAGE AND BIOCHEMICAL APPROACHES TO REPAIR AND CLINICAL APPROACHES TO SKIN REPLACEMENT

T CELL REGULATION IN ALLERGY, ASTHMA AND ATOPIC SKIN DISEASES

2008-01-01

THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA BRINGS THE CLINICIAN UP TO DATE ON ESSENTIAL TOPICS IN OCCUPATIONAL ASTHMA ARTICLES COVER DEFINITION CLASSIFICATION EPIDEMIOLOGY OLD AND NEW CAUSES PATHOGENESIS AND DISEASE MECHANISMS CLINICAL ASSESSMENT INCLUDING DIFFERENTIAL DIAGNOSIS AND MANAGEMENT OF WORK RELATED ASTHMA AND RELATED CONDITIONS OTHER SUBJECT MATTER INCLUDES OCCUPATIONAL RHINITIS IRRITANT INDUCED ASTHMA AND REACTIVE AIRWAYS DYSFUNCTION HYPERSENSITIVITY PNEUMONITIS AND RELATED CONDITIONS AND EVALUATION OF IMPAIRMENT AND DISABILITY

PHOTOIMMUNOLOGY

2013-11-11

THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS PROVIDES THE LATEST ESSENTIAL UPDATES IN ANGIOEDEMA THIS POTENTIALLY LIFE THREATENING CONDITION AS IS THE CASE WITH LARYNGEAL ANGIOEDEMA IS A RARE BUT IMPORTANT DISEASE LEADING PHYSICIANS REVIEW THE SPECTRUM OF ANGIOEDEMA TO PROVIDE A FRAMEWORK FOR APPROACHING THE MANAGEMENT OF THESE PATIENTS DIFFERENTIAL DIAGNOSIS IS DISCUSSED IN DEPTH AS A VARIETY OF OTHER CONDITIONS CAN MIMIC SOME ASPECTS OF ANGIOEDEMA ANGIOEDEMA OCCURS BOTH IN CONJUNCTION WITH OR SEPARATELY FROM THE MORE COMMON SWELLING DISORDER URTICARIA VARIOUS TYPES OF ANGIOEDEMA THAT CLASSICALLY OCCUR IN THE ABSENCE OF URTICARIA ARE DISCUSSED MULTIPLE TYPES OF HEREDITARY ANGIOEDEMA IDIOPATHIC RECURRING ANGIOEDEMA AND GLEICH S SYNDROME ARE COVERED

IMMUNOLOGICAL ASPECTS OF SKIN DISEASES

1974

THE RAPIDITY OF SCIENTIFIC PROGRESS OVER THE LAST FEW YEARS GUARANTEES THE UTILITY OF THIS NEW COLLECTION OF STATE OF THE ART REVIEWS ON THE IMMUNOLOGY OF AGING WHICH IS THE RESULT OF EXTENSIVE COLLABORATION OF MORE THAN SIXTY OF THE GREATEST THINKERS AND SCHOLARS IN THE FIELD IN COOPERATION WITH A NUMBER OF JUNIOR COLLEAGUES THE BOOK SUMMARIZES CURRENT KNOWLEDGE ON THE CELLULAR AND MOLECULAR ASPECTS OF THE AGING IMMUNE SYSTEM AND THEIR CLINICAL RELEVANCE PROVIDING INSIGHTS INTO THE EFFECTS OF THE AGING PROCESS ON SUSCEPTIBILITIES TO THOSE DISEASES MOST COMMON AMONG ELDERS THE RETRIEVAL STRATEGIES USED TO SLOW DOWN THE DECLINE IN THE IMMUNE SYSTEM IN THE ELDERLY ARE ANOTHER SUBJECT DETAILED EXTENSIVELY BY PROVIDING A BROAD OVERVIEW OF IMMUNOSENESCENCE AND ITS CONSEQUENCES AS WELL AS THEIR POTENTIAL MODULATION THIS BOOK WILL FILL A GAP IN A TIMELY MANNER IT WILL BE OF VALUE TO ALL IMMUNOLOGISTS WHETHER NOVICE OR EXPERIENCED AS WELL AS GERIATRICIANS AND EPIDEMIOLOGISTS

SKIN IMMUNE SYSTEM (SIS)

1990-03-26

GUEST EDITED BY EUGENE CHOO THIS ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS COVERS THE LATEST RESEARCH IN DIAGNOSING AND MANAGING ASTHMA LIKE DISEASES TOPICS COVERED INCLUDE VOCAL CORD DYSFUNCTION DYNAMIC AIRWAY COLLAPSE RADS GERD SARCOIDOSIS AND MORE

IMMUNOLOGY OF THE SKIN AND THE EYE

1998-01-01

THIS BOOK REPRESENTS THE STATE OF THE ART IN THE FIELD OF SKIN AND AUTOIMMUNE RHEUMATIC DISEASES IT COVERS SYSTEMATICALLY A GROWING AND MULTIFACETED TOPIC WHICH IS OF GREAT IMPORTANCE IN THE CLINICAL PRACTICE IT ALSO SERVES AS A SHARP EDUCATIONAL TOOL AS EACH CHAPTER PROVIDES SUMMARIES AND SPECIFIC HIGHLIGHTS TO KEY REFERENCES CITED INTO

THE TEXT THE PATHOPHYSIOLOGICAL LINK BETWEEN SKIN INVOLVEMENT AND AUTOIMMUNITY HAS BEEN EXPLAINED IN DETAIL AS WELL AS DIAGNOSTIC AND THERAPEUTIC ASPECTS THIS BOOK YIELDS AN IMPRESSIVE BODY OF WELL ORDERED INFORMATION WHICH SUMMARIZES THE EXPERIENCE OF A SELECTED PANEL OF DISTINGUISHED PHYSICIANS AND SCIENTISTS ACTIVELY INVOLVED IN THE FIELD OF SKIN IMMUNOLOGY AND SYSTEMIC AUTOIMMUNITY WRITTEN BY A RESPECTED PANEL OF DISTINGUISHED PHYSICIAN SCIENTISTS ACTIVELY INVOLVED IN THE FIELD OF SKIN IMMUNOLOGY AND SYSTEMIC AUTOIMMUNITY BOX SUMMARIES AT THE END OF EACH CHAPTER HIGHLIGHT IMPORTANT TOPICS UP TO DATE BASIC KNOWLEDGE AS WELL AS MODERN APPROACH TO DIAGNOSIS AND THERAPY

AUTOIMMUNE DISEASES OF THE SKIN

2016-04-01

IN THIS ISSUE OF IMMUNOLOGY ALLERGY CLINICS GUEST EDITOR DR ELIZABETH J PHILLIPS BRINGS HER CONSIDERABLE EXPERTISE TO THE TOPIC OF DRUG HYPERSENSITIVITY TOP EXPERTS IN THE FIELD COVER KEY TOPICS SUCH AS PERIOPERATIVE ANAPHYLAXIS TELEMEDICINE IN DRUG HYPERSENSITIVITY ASPIRIN EXACERBATED RESPIRATORY DISEASE PEDIATRIC DRUG ALLERGY AND MORE CONTAINS 15 RELEVANT PRACTICE ORIENTED TOPICS INCLUDING EXCIPIENT ALLERGY RECOGNIZING DRUG HYPERSENSITIVITY IN SKIN OF COLOR ALLERGY TO RADIOCONTRAST DYE MRGRPX2 AND ITS ROLE IN NON IGE MEDIATED MAST CELL ACTIVATION AND MORE PROVIDES IN DEPTH CLINICAL REVIEWS ON DRUG HYPERSENSITIVITY OFFERING ACTIONABLE INSIGHTS FOR CLINICAL PRACTICE PRESENTS THE LATEST INFORMATION ON THIS TIMELY FOCUSED TOPIC UNDER THE LEADERSHIP OF EXPERIENCED EDITORS IN THE FIELD AUTHORS SYNTHESIZE AND DISTILL THE LATEST RESEARCH AND PRACTICE GUIDELINES TO CREATE CLINICALLY SIGNIFICANT TOPIC BASED REVIEWS

PRACTICAL IMMUNODERMATOLOGY

2018-06-08

NEUROIMMUNOLOGY OF THE SKIN

2009-08-29

STRATEGIES FOR IMMUNOINTERVENTIONS IN DERMATOLOGY

1997-06-05

CUTANEOUS DEVELOPMENT, AGING AND REPAIR

1989

OCCUPATIONAL ASTHMA, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS - E-BOOK

2011-10-05

IMMUNOLOGY AND IMMUNOTHERAPY OF HEAD AND NECK CANCER

2022-01-21

ANGIOEDEMA, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS

2013-09-06

IMMUNOLOGY OF AGING

2013-11-29

CONDITIONS MIMICKING ASTHMA, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS

2013-02-28

THE SKIN IN SYSTEMIC AUTOIMMUNE DISEASES

2006-01-26

DRUG HYPERSENSITIVITY, AN ISSUE OF IMMUNOLOGY AND ALLERGY CLINICS OF NORTH AMERICA, E-BOOK

2022-05-02

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