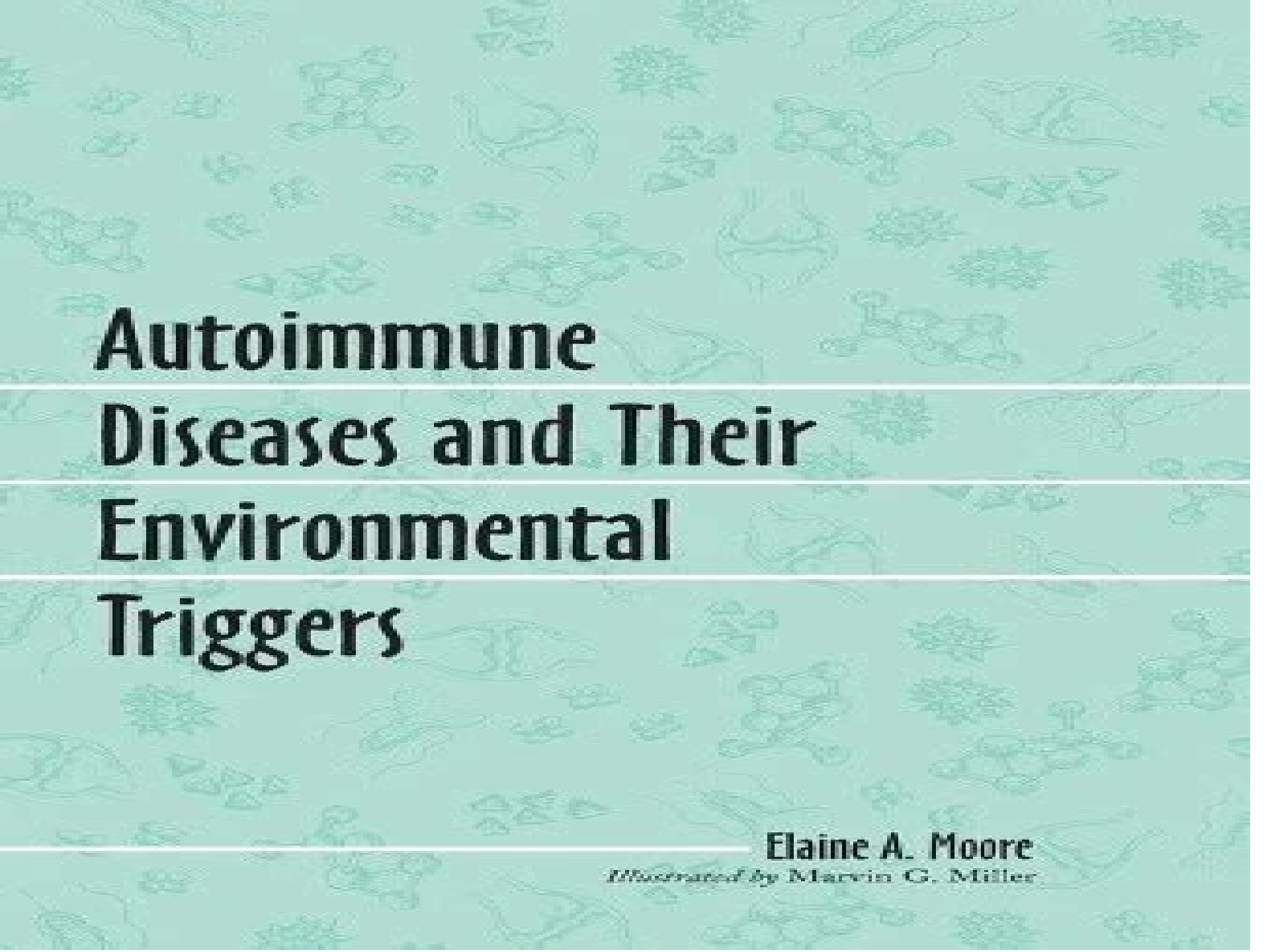




Autoimmune Diseases and Their Environmental Triggers

Elaine A. Moore

Illustrated by Marvin G. Miller

Autoimmune Diseases And Their Environmental Triggers

Richard Coico, Geoffrey Sunshine



Autoimmune Diseases And Their Environmental Triggers:

Autoimmune Diseases and Their Environmental Triggers Elaine A. Moore, 2015-10-02 Autoimmune Disease AD refers to any of a number of disorders caused by an immune system defect that allows the body to attack its own tissues. Some say 20 percent of the population is susceptible to Autoimmune Disease. According to current theory, individuals who develop AD do so because they are exposed to certain environmental triggers. This work is a comprehensive resource for patients with autoimmune disease. The primary focus is on the specific environmental factors including heavy metals, hormones, organic solvents, medications, and infectious agents that lead to autoimmune disease and that make the symptoms worse in genetically susceptible individuals. Sections of this work describe the immune system, the natural courses of disease for the various system-wide and organ-specific autoimmune disorders, and genetic factors and lifestyle influences associated with AD. Diagnostic concerns, conventional and alternative treatment options for AD, current research paths, and laboratory tests are also covered.

The Autoimmune Diseases M. Eric Gershwin, George C. Tsokos, 2019-10-15 The Autoimmune Diseases Sixth Edition emphasizes the 3 P's of 21st Century medicine: precision, prediction, and prevention. Topics cover the modern systems approach to biology that involves large amounts of personalized, ongoing physiologic data, omics, coupled with advanced methods of analysis, new tests of genetic engineering such as CRISPR, auto-inflammatory diseases, autoimmune responses to tumor immunotherapy, and information on normal immune response and disorders. Each of the major autoimmune disorders is discussed by researchers and clinical investigators experienced in dealing with patients. Chapters emphasize the immunologic basis of the disease as well as the use of immunologic diagnostic methods and treatments. The book also covers several cross-cutting issues related to the recognition and treatment of autoimmune diseases, including chapters on the measurement of autoantibodies and T cells, the use of biomarkers as early predictors of disease, and new methods of treatment. Gives a thorough and important overview on the entire field, framing individual disease chapters with information that compares and contrasts each disorder and its therapy. Provides thorough, up-to-date information on specific diseases along with clinical applications in an easily found reference for clinicians and researchers interested in certain diseases. Keeps readers abreast of current trends and emerging areas in the field. Ensures that content is not only up to date but applicable and relevant. Includes new, updated chapters that emphasize hot topics in the field, e.g., research on auto-inflammatory diseases and autoimmune responses following cancer immunotherapy.

The Role of the Environment in Autoimmunity Allen Jay Rosenspire, Kenneth Michael Pollard, James J. Pestka, 2021-03-30 *Environmental Health Perspectives*, 1993

Role of Microorganisms in Pathogenesis and Management of Autoimmune Diseases Mitesh Kumar Dwivedi, N. Amareesan, E. Helen Kemp, Yehuda Shoenfeld, 2022-08-10 This book, in the two-volume set, provides comprehensive coverage on how microbial pathogens can subvert our immune system into responding against self and resulting in autoimmune diseases. In particular, the book covers the different aspects of linking gut microbiota dysbiosis

with autoimmune mechanisms involved in disease development to identify future effective approaches based on the gut microbiota for preventing these autoimmune diseases Contributions in the book focuses on the role of microbiota probiotics and their distinct mechanisms exerted in management of autoimmune liver skin thyroid rheumatic and myopathic diseases This could help in better understanding to design therapeutic strategies that can be deployed to prevent these autoimmune diseases The book has an interdisciplinary appeal and scholars with an interest immunology medical microbiology and nutritional sciences will value its contribution Overall the book gives a new dimensions and insight in the aspects of microbial role in autoimmune disease pathogenesis and therapeutic aspects *What You Must Know About Hashimoto's Disease*

Brittany Henderson, Allison Futterman, 2019-02-11 In the United States it is estimated that over 20 million people have thyroid problems And of this number the most common thyroid condition is Hashimoto s Disease a form of hypothyroidism in which the body s immune system attacks its own thyroid gland Despite millions of people having this disease many suffer with life changing symptoms for years without being diagnosed And even after diagnosis many Hashimoto s patients continue to experience debilitating effects from this disease Fatigue muscle and joint pain weight gain headaches hair loss and throat neck pain are some of the commonly occurring symptoms That s why endocrinologist and thyroid specialist Dr Brittany Henderson and patient Allison Futterman joined together to write What You Must Know About Hashimoto s Disease Realizing that far too many patients are not getting the information and care they need the authors created this book to help those who are suffering from this all too common form of hypothyroidism Written in understandable language the authors give you an insider s view of what you need to know about Hashimoto s The book is divided into three parts Part 1 Getting to Know Your Thyroid explains how your thyroid functions how Hashimoto s affects your health and what signs to look for Part 2 Testing and Diagnosis looks at the most reliable tests used to detect Hashimoto s how they work and what to expect from testing Part 3 Treatment and Management discusses the most effective conventional medications as well as those complementary treatments that have proven to be effective Unfortunately there still remains a lack of understanding of Hashimoto s among patients and health professionals alike As a serious autoimmune disorder Hashimoto s is multifaceted and complex What You Must Know About Hashimoto s Disease provides patients with an invaluable resource that they can rely on at every stage of their journey to greater health Juvenile Diabetes United States. Congress. Senate. Committee on Governmental

Affairs, 2003 **Body on Fire** Monica Aggarwal MD, Jyothi Rao, MD, 2020-08-19 Inflammation is the body s natural response to injury or illness but long term inflammation can silently turn on us becoming a danger to our health This guide explains how chronic inflammation damages cells and can lead to asthma cancer diabetes heart disease rheumatoid arthritis and even Alzheimer s disease Fortunately there are natural solutions to keep chronic inflammation in check Our food choices can make a crucial difference Learn how to design an anti inflammatory diet based on health protective plant based foods with high concentrations of phytochemicals and other essential inflammation fighting nutrients Then enjoy a few delicious easy to

prepare recipes that reveal how to incorporate a wide variety of these power packed foods into everyday dishes

Immunology Richard Coico, Geoffrey Sunshine, 2015-01-28 Immunology A Short Course 7th Edition introduces all the critical topics of modern immunology in a clear and succinct yet comprehensive fashion The authors offer uniquely balanced coverage of classical and contemporary approaches and basic and clinical aspects The strength of Immunology A Short Course is in providing a complete review of modern immunology without the burden of excessive data or theoretical discussions Each chapter is divided into short self contained units that address key topics illustrated by uniformly drawn full color illustrations and photographs This new edition of Immunology A Short Course Has been fully revised and updated with a brand new art program to help reinforce learning Includes a new chapter on Innate Immunity to reflect the growth in knowledge in this area Highlights important therapeutic successes resulting from targeted antibody therapies Includes end of chapter summaries and review questions a companion website at www.wileyimmunology.com coico featuring interactive flashcards USMLE style interactive MCQs figures as PowerPoint slides and case based material to help understand clinical applications

Hepatitis Elaine A. Moore, 2006-09-27 Hepatitis is a disease of the liver which affects millions of Americans each year For most people symptoms are mild and are resolved within a few weeks or months For others however hepatitis is life altering becoming a chronic problem which causes irreparable internal damage The diversity of causes which range from bacteria and toxins to metabolic disorders and their corresponding methods of transmission have made hepatitis a hard ailment to control In recent years vast progress has been made toward the identification prevention and treatment of this disease Combining scientific knowledge with practical concerns this comprehensive guide provides a plethora of information on the broad class of diseases referred to by the collective term of hepatitis With a view toward patient education it discusses the history symptoms cause and disease course of hepatitis various forms Covering Hepatitis A and Hepatitis B as well as more recently discovered varieties the text examines immune system response to the disease and its effect on liver function Non infectious causes such as metabolic disorders are also discussed Practical information regarding diagnostic laboratory and imaging tests as well as conventional and alternative treatments is provided The final chapter lists a variety of resources for anyone dealing with the reality of the disease including books CDC publications hepatitis organizations and foundations drug treatment financial assistance and transplant information An extensive glossary of medical terms and an index are also included

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