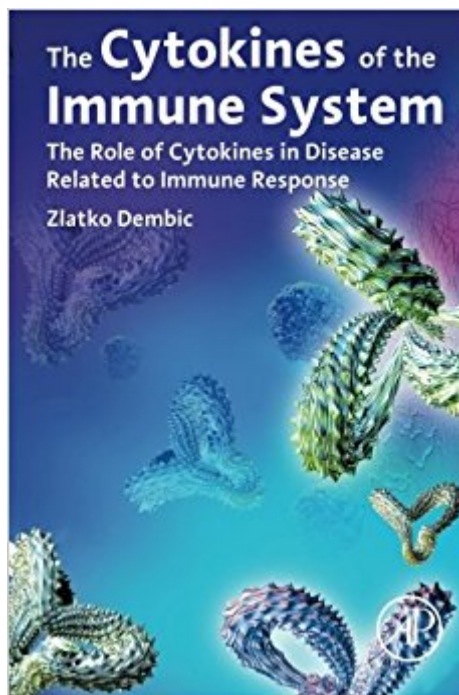




The book was found

The Cytokines Of The Immune System: The Role Of Cytokines In Disease Related To Immune Response



Synopsis

The Cytokines of the Immune System catalogs cytokines and links them to physiology and pathology, providing a welcome and hugely timely tool for scientists in all related fields. In cataloguing cytokines, it lists their potential for therapeutic use, links them to disease treatments needing further research and development, and shows their utility for learning about the immune system. This book offers a new approach in the study of cytokines by combining detailed guidebook-style cytokine description, disease linking, and presentation of immunologic roles. Supplies new ideas for basic and clinical research Provides cytokine descriptions in a guidebook-style, cataloging the origins, structures, functions, receptors, disease-linkage, and therapeutic potentials Offers a textbook-style view on the immune system with the immunologic role of each cytokine

Book Information

Paperback: 320 pages

Publisher: Academic Press; 1 edition (June 16, 2015)

Language: English

ISBN-10: 0124199984

ISBN-13: 978-0124199989

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #505,077 in Books (See Top 100 in Books) #100 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Immunology #186 in Books > Medical Books > Basic Sciences > Immunology #623 in Books > Medical Books > Basic Sciences > Microbiology

Customer Reviews

The role of cytokines in the immune responses catalogues cytokines and links them to physiology and pathology, providing a welcome and hugely timely tool for workers in all related fields. Cataloguing cytokines, listing their potential for therapeutic use, and linking with disease is needed for research and development, as well as for learning about the immune system. The role of cytokines in the immune response offers a new approach, a combination of a detailed guidebook-style cytokine description, disease-linking and immunologic roles.

As a scientist and a medical doctor, Dr. Dembicâ™s research interests are at the crossroads of medicine and biology, related to molecular and cellular immunology. During the last twenty years of the past century heâ™s worked on important issues in immunology at the Max-Planck-Institute for Biology (Tubingen, Germany), the Basel Institute for Immunology (Switzerland; CH) and the Hoffman-La Roche AG (Basel, CH). His team was the first to report the identification of genes underlying T-cell specificity and recognition (mouse T-cell receptor, in '86, Nature). Likewise, his team led the research on molecular cloning of human cytokine receptors important for the effector phase of immunity such as the interferon-gamma receptor (IFNGR1; in '88, Cell) and the tumor necrosis factor receptor-2 (TNFR2; in '90, Cytokine). In 1995, Dr. Dembic moved to the Institute of Immunology at the University of Oslo, Norway. Since then he broadened the scope of his research by working on T-cell development, cancer immunobiology, immunogenetics and susceptibility to cancer and infectious diseases. All of this would not have been possible without a substantial contribution from his academic collaborators and colleagues internationally, and especially in Norway and Croatia. Some of these studies led him to propose a model about the workings of the immune system called the "integrity" model in the mid-nineties. It stresses that immunity is not only a defense system, but also a selector of potential symbionts and commensals. The use of soluble mediators (cytokines) in communication between immune cells is perhaps only in part similar to neural networks, as interacting cells constitute mobile units within the body. Dr. Dembicâ™s publication list has over 80 scientific contributions. Ten percent were published in high impact factor scientific journals (Nature, Cell etc) with himself as a prominent author (in half of them). Perhaps, they stand as a witness of delight that he had by doing scientific research.

[Download to continue reading...](#)

The Cytokines of the Immune System: The Role of Cytokines in Disease Related to Immune Response I'm Immune! How Your Immune System Keeps You Safe - Health Books for Kids - Children's Disease Books Anti-Inflammatory Diet: A complete guide to the Anti-Inflammatory Diet, How to reduce Inflammation?: What you should eat & avoid to Reset your Immune System ... Immune System, Reduce Inflammation Book 1) Basic Immunology Updated Edition: Functions and Disorders of the Immune System With STUDENT CONSULT Online Access, 3e (Basic Immunology: Functions and Disorders of the Immune System) The Lyme Solution: A 5-Part Plan to Fight the Inflammatory Auto-Immune Response and Beat Lyme Disease Gum Disease Cure (Gum Disease Cure, Periodontal Disease, Gum Disease, Gum Infection, Gingivitis treatment, Tooth Decay) The Gum Disease Cure: How I cured Periodontal Disease in 2 months (Gum Disease Periodontal Disease Periodontitis Receding Gums) Kidney Disease: for beginners - What You Need to Know

About Chronic Kidney Disease: Diet, Treatment, Prevention, and Detection (Chronic Kidney Disease - Kidney Stones - Kidney Disease 101) The Immune System Recovery Plan: A Doctor's 4-Step Program to Treat Autoimmune Disease Digestive Wellness: Strengthen the Immune System and Prevent Disease Through Healthy Digestion, Fourth Edition (All Other Health) The Immune System Recovery Plan: A Doctor's 4-Step Program to Treat Autoimmune Disease [Hardcover] [2013] MD MPH Susan Blum, MD Mark Hyman, Michele Bender The Ruminant Immune System in Health and Disease Primer to the Immune Response, Second Edition Host Response to Biomaterials: The Impact of Host Response on Biomaterial Selection Cytokines in Veterinary Medicine Beyond Initial Response--2Nd Edition: Using The National Incident Management System Incident Command System The Lymphatic's System Role for Ultimate Health and Energy: An Easy Guide to Activating the Lymphatic System, Optimum Health & Energy and Curing Disorders Essential Kidney Disease Cookbook: 130 Delicious, Kidney-Friendly Meals To Manage Your Kidney Disease (CKD) (The Kidney Diet & Kidney Disease Cookbook Series) The Ultimate Guide to Crohn's Disease and Ulcerative Colitis: How To Cure Crohn's Disease and Colitis Through Diet and Exercise (Health, IBD, Irritable Bowel Syndrome, Colitis, Crohn's Disease) Chronic Kidney Disease: The Essential Guide To CKD - Learn Everything You Need To Know About Chronic Kidney Disease (Chronic Kidney Disease, Kidney Stones, CKD)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)