



Vitamin D: Oxidative Stress, Immunity, and Aging (Oxidative Stress and Disease)

From Brand: CRC Press



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Vitamin D insufficiency/deficiency is a worldwide, public health problem in both developed and developing countries. Rickets among infants has reemerged. Low levels of vitamin D are associated with increased risk and mortality from cancer. At the same time, the beneficial effects of vitamin D on a host of conditions have recently been discovered. Focusing on areas not extensively covered in other comparable books, **Vitamin D: Oxidative Stress, Immunity, and Aging** highlights the most recent research findings on the impact of this nutrient in oxidative stress, immunity, and aging.

A state-of-the-art compilation of essential information, this book explores:

- Vitamin D and its genomic and nongenomic effects, the role of therapeutic analogs in treating disease, and the production of vitamin D by the body
- The role vitamin D plays in modulating oxidative stress?with emphasis on cancer, stress-mediated diseases, photo-protection of the skin, and energy metabolism
- Beneficial effects of vitamin D in regulating the immune response and its importance in protecting against autoimmune, infectious, and inflammatory diseases
- The role vitamin D plays in the regulation of the aging process?including aspects of oxidative stress, senescence, and mortality, as well as its role in protection against cardiovascular disease and nervous system disorders

This book represents an important contribution toward understanding the mechanisms by which vitamin D promotes health, increasing awareness of the importance that vitamin D plays during development, at birth, and throughout the aging process. It is a valuable reference for researchers in academia, nutrition, medicine, and industry.

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Editorial Review

About the Author

Adrian F. Gombart received a Ph.D. degree in microbiology from the University of Washington. For many years, he was an assistant and associate professor at Cedars-Sinai Medical Center and the David Geffen School of Medicine at the University of California, Los Angeles, in the Department of Biomedical Sciences and Division of Hematology and Oncology. He is currently a principal investigator in the Linus Pauling Institute and an associate professor in the Department of Biochemistry and Biophysics at Oregon State University. Dr. Gombart is a member of the American Society for Hematology and the Society for Leukocyte Biology. Dr. Gombart's research interests focus on the role of vitamin D in the innate immune response against infection. His laboratory studies the regulation of antimicrobial peptide gene expression by vitamin D and other nutritional compounds. He was recognized for his contributions to the field of vitamin D and immunity, with a Young Investigator Award from the Vitamin D Workshop in 2005.

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Florence Wiggins:

Why don't make it to be your habit? Right now, try to prepare your time to do the important work, like looking for your favorite publication and reading a publication. Beside you can solve your problem; you can add your knowledge by the reserve entitled Vitamin D: Oxidative Stress, Immunity, and Aging (Oxidative Stress and Disease). Try to stumble through book Vitamin D: Oxidative Stress, Immunity, and Aging (Oxidative Stress and Disease) as your buddy. It means that it can to get your friend when you truly feel alone and beside that course make you smarter than ever. Yeah, it is very fortunated for yourself. The book makes you a lot more confidence because you can know every little thing by the book. So , let me make new experience and knowledge with this book.

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Daniel Grinder:

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Lynn Gallagher:

In this age globalization it is important to someone to find information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information much easier to share. You can find a lot of sources to get information example: internet, paper, book, and soon. You will see that now, a lot of publisher that print many kinds of book. The book that recommended for you is Vitamin D: Oxidative Stress, Immunity, and Aging (Oxidative Stress and Disease) this e-book consist a lot of the information from the condition of this world now. This particular book was represented just how can the world has grown up. The vocabulary styles that writer value to explain it is easy to understand. Often the writer made some exploration when he makes this book. Here is why this book appropriate all of you.

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