



An Introduction to Vitamins, Minerals and Oxidative Stress: The Role of Micronutrients and Reactive Oxygen Species in Normal and Pathological Processes (Paperback)

By Stefan A Hulea

Universal Publishers, United States, 2008. Paperback. Book Condition: New. 239 x 185 mm. Language: English . Brand New Book ***** Print on Demand *****.This book presents in simple and concise terms the biological functions of vitamins and minerals, what makes them essential to life and why they must be replenished daily from food. The best food sources for these micronutrients and the daily recommended intakes of vitamins and minerals are also presented. Information on these important micronutrients is all presented in one place (Part I) as opposed to the current text books where it is scattered throughout the text, making its retrieval tedious and time-consuming. In addition, the trace elements get an adequate coverage in contrast to the current texts. The second part introduces the reader to the concept of oxidative stress and the role of free radicals (mainly of oxygen and nitrogen) in the regulation of several biological processes like cellular redox homeostasis, programmed cell death and aging as well as their involvement in many pathological conditions such as cardiovascular disease, cancer, autoimmune and neurodegenerative diseases. Readers will also learn how reactive molecular species are generated, what their targets are and how cells defend themselves against the deleterious action...

Reviews

A must buy book if you need to adding benefit. It can be rally interesting through looking at period of time. Its been designed in an remarkably simple way and it is only after i finished reading this publication by which in fact altered me, modify the way i believe.

-- **Ms. Julie Huels**

This is actually the finest publication i actually have study right up until now. We have study and so i am confident that i am going to planning to go through again again in the foreseeable future. I am just effortlessly will get a delight of studying a published book.

-- **Lori Bernier**