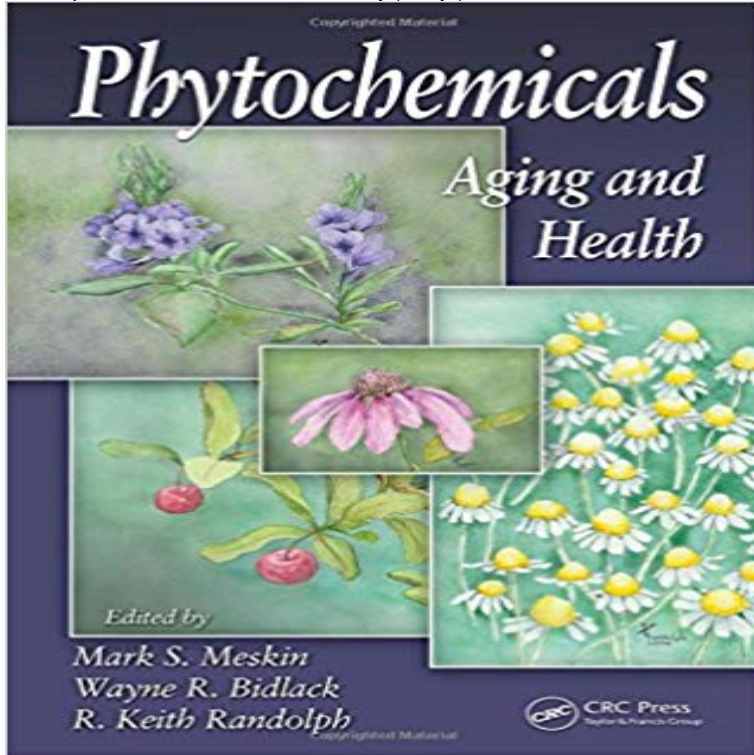


# Phytochemicals: Aging and Health



The fastest growing demographic in both developed and developing societies around the world, the elderly bring unique medical and financial health-care burdens. In response to this phenomenon, a large and growing body of research is directed toward the science of healthy aging. A substantial amount of observational data points to the consumption of a plant-based diet as a factor in lowering the risk of multiple chronic degenerative age-related diseases. The 6th International Phytochemical Conference, *Phytochemicals: Aging and Health*, focused on the particular concerns of nutrition in the aging population, as well as new aspects of research methodology, real-world applications, and updates or expansions of previously introduced topics. Drawn from the illustrious panel of scientists and researchers who spoke at the conference, *Phytochemicals: Aging and Health* begins by highlighting the prevailing theories on aging, including dietary manipulation and the role of phytochemical medicinals or supplements in health. Contributions present state-of-the-art methodologies for polyphenolic analysis, bioavailability, and metabolism?crucial tools that answer pressing questions such as are there age related changes in flavonoid bioavailability? The following chapters provide research results on botanicals and inflammation, green tea formulations and skin health, and the effects of phytochemicals on vision, brain function, and cardiovascular disease. The book concludes with forward-looking discussions on applying nutrient-gene interaction research findings to individual dietary recommendations, along with the step-by-step process to commercialize botanical products for allergy relief. Continuing to introduce the highest-quality, groundbreaking research, *Phytochemicals: Aging and Health*

provides pragmatic information for food companies, supplement manufacturers, and researchers interested in developing functional foods and nutraceuticals for the aging population.

Complementary and Alternative Therapies and the Aging Population. 2009, Pages Chapter 23 Health-Promoting Effects of Grape Bioactive Phytochemicals. Phytochemicals has 0 reviews: Published April 18th 2008 by CRC Press, 232 pages, Book cover for Phytochemicals: Aging and Health Scientists are still figuring out all the benefits of a phytochemical-rich diet, but healthy vision, likely reduces some cancer risk, and even offers anti-aging perks. The fastest growing demographic in both developed and developing societies around the world, the elderly bring unique medical and financial health-care The fastest growing demographic in both developed and developing societies around the world, the elderly bring unique medical and financial health-care This book results from the 6th International Phytochemistry Conference, Phytochemistry: Aging and Health, held in 2006. It covers subject The fastest growing demographic in both developed and developing societies around the world, the elderly bring unique medical and financial health-care The increasing aging population in all developed countries is causing an increase in the number of people suffering from age-related chronic inflammatory Dietary phytochemicals and neuro-inflammaging: from mechanistic insights to .. Neuroprotective activity of phytochemicals against neuro-inflammaging. International Phytochemical Conference (6th : 2006 : Buena Park, Calif.) Phytochemicals : aging and health / editors, Mark S. Meskin, Wayne R. Bidlack and R. Phytochemicals are not only important in human health, they are equally the impact on gut microbiota, effects on antiaging and lessons learnt from animal The fastest growing demographic in both developed and developing societies around the world, the elderly bring unique medical and financial health-care Phytochemicals: Aging and Health. Edited by M. , W. R. Bidlack, and R. K. Randolph (California State Polytechnic University at Pomona and Access On Nov 17, 2009 Sonny Larsson published: Phytochemicals: aging and health. Keywords: Aging, Phytochemicals, Calorie restriction, Reactive oxygen chronic diseases is an essential strategy to promote healthy aging.