

Special Issue

Calcium Across the Life Cycle: A Pivotal Role in Aging and Age-Related Diseases

Message from the Guest Editors

Calcium is a key nutrient in the human body. The primary emphasis on calcium consumption during its initial scientific discovery was focused on early human life, primarily during growth periods of infancy and childhood. Nowadays, interest in calcium metabolism and requirements have been expanded to apply to the entire life cycle from birth through the oldest decades of life. Many commercial foods and nutritional supplement products contain calcium fortifications due to there being a wider audience for them. The purpose of this Special Issue is (a) to examine the role of calcium in human health and aging from cellular to clinical levels, (b) to review relationships between calcium levels or intake and physiopathological pathways involving the body's homeostasis, (c) to summarize the evidence about calcium metabolism and multisystemic age-related chronic diseases, (d) to compare nutrient requirements for calcium across life cycle groups and global populations, and (e) to discuss strategies to address diet deficiencies or assure optimal calcium metabolism over the life cycle.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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