

Special Issue

Magnesium Intake and Human Health

Message from the Guest Editors

Magnesium is an essential nutrient for human health, with key physiological roles in every organ of the human body. Disturbances of magnesium homeostasis have been implicated in the pathophysiology of several diseases, and magnesium supplementation has been evaluated in some large-scale clinical trials. Nonetheless, inadequate dietary intake leading to magnesium deficiency is widespread, especially in Western countries, and its consequences may be largely underestimated. A deeper understanding of the link between magnesium intake, its systemic homeostasis and human pathophysiology is therefore much needed and may foster the development of preventive and/or therapeutic measures. We invite experts to contribute to this Special Issue with original research or review articles that illuminate the role of magnesium in pathophysiologic conditions and suggest effective supplementation strategies and/or novel pharmacological approaches.

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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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