

Special Issue

Advances in Magnesium and Zinc's Effects on Health and Disease

Message from the Guest Editor

Magnesium and zinc are two of the most important bivalent cations in the human body. They are essential for the functioning of all body cells.

There are pharmacodynamic and pharmacokinetic interactions between magnesium and zinc and various drugs that are widely used therapeutically.

On the other hand, zinc and magnesium have proven to be useful in the treatment and prevention of some diseases. Detailed knowledge of the complex actions of these two micronutrients in the body, and of the interactions between zinc and magnesium and the active endogenous substances, enzymes, and other electrolytes, represents a fundamental element in understanding the way in which nutrition greatly influences the state of health and the occurrence of many diseases.

In this Special Issue, we want to collect manuscripts that show major advances in magnesium and zinc's effects on good health and disease.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)



Biomedicines

an Open Access Journal
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Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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