

Special Issue

Advancing Knowledge of Zinc in Health and Disease

Message from the Guest Editors

Zinc is necessary for a broad range of essential functions, spanning the numerous biological pathways that determine normal growth, metabolic, immune, and neurological functions. The risk of both communicable diseases (e.g., common infections) and noncommunicable diseases (e.g., cardiovascular disease, type 2 diabetes) depends on zinc nutriture. The purpose of this Special Issue is to advance knowledge of zinc in health and disease, with a focus on studies linking basic research on the mechanisms of zinc action and zinc homeostasis with a broader understanding of zinc's roles in health and disease outcomes. This connection is needed to increase precision in recommendations for zinc intake, while considering strategies to increase zinc bioavailability and to optimize health-promoting dietary patterns involving zinc, with an aim of improved health outcomes.

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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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