

Special Issue

Trace Elements in Aging and Age-Related Pathologies: From Mechanisms to Dietary Interventions

Message from the Guest Editor

This Special Issue aims to collect a series of original research and review articles that address the role of trace elements and minerals in aging and age-related pathologies. The manuscripts must focus on mechanisms that contribute to the maintenance of metallostasis in healthy aging, changes in metallostasis in older adults with single or multiple age-related diseases, the contribution of changes in tissue distribution of trace elements to healthspan in older adults, and changes in trace elements that could be targeted for diagnostic, preventive, or therapeutic purposes. Special emphasis will be given to articles that address these topics. Suggested potential topics may include the following: metallomics or selected trace elements in age-related pathologies; mechanisms of metallostasis failure in age-related chronic pathologies; impact of dietary habits, dietary intervention or supplementation with trace elements in aging and age-related pathologies, new therapeutic or diagnostic tools targeting trace elements; trace elements and multimorbidity; impact of epigenetic alterations on metallostasis.

Guest Editor

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Deadline for manuscript submissions

closed (25 January 2024)



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About the Journal

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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