

Special Issue

Trace Elements and Bone Health

Message from the Guest Editors

Many nutrition factors are associated with bone health. In particular, trace elements (e.g., zinc, copper, fluorine, manganese, iron, and selenium) can directly participate in bone metabolism and development processes by affecting hormone and enzyme activities.

Deficient/excessive amounts of these trace elements slow down the increase in bone mass in childhood and adolescence, and accelerate bone loss after menopause or in old age, which results in rickets, skeletal fluorosis, Kashin–Beck disease, and so on.

Therefore, the effects of trace elements on bone health should be focused on worldwide. Our ambition is for this Special Issue to provide new insights towards the understanding of the roles of trace elements and bone health. We encourage authors to submit their original research focused on this attractive topic. Bioinformatics analyses, clinical trials, cell as well as animal experiments, and systematic reviews describing the association of trace elements with bone health would very well fit as the initiating papers of this Special Issue. Any other suggestions from experts in the field are more than welcome.

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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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