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Zinc Supplementation and Anemia

Guest Editor:

Prof. Dr. Sen Shyong Jeng

Department of Food Science,
College of Life Sciences, National
Taiwan Ocean University,
Keelung 20224, Taiwan

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Message from the Guest Editor

Dear Colleagues,

Zinc is an essential trace element, and anemia is the most common blood disorder. It has been shown that zinc deficiency and excess could contribute to anemia, and abnormal zinc levels (lower plasma zinc and higher erythrocyte zinc) in the blood could be the consequence of anemia.

It was reported that zinc supplementation combined with iron therapy can increase hemoglobin levels and improve iron indexes more than iron alone. Animal studies also indicated that zinc supplementation could relieve anemia by inducing new red blood cell formation. In handling anemia, zinc supplementation may have preventive and curative effects.

However, little is known about whether zinc supplementation improves nutritional, inflammatory, or micronutrient status. This Special Issue plans to give an overview of the most recent advances in the field of zinc supplementation and anemia in diverse areas. The issue aims to provide selected contributions on advances in the effects and mechanism involved, as well as to recommend the amount and duration of zinc supplementation.

This Special Issue invites original research and review papers on the topic of zinc supplementation and anemia.



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Special Issue



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Prof. Dr. Maria Luz Fernandez

Department of Nutritional
Sciences, University of
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Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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