



## Nutrition in Health and Diseases: Molecular and Cellular Mechanisms

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submissions:

**closed (20 July 2023)**

### Message from the Guest Editors

It is well-established that nutrients are important regulators of human health and longevity. Adequate nutrition is essential for a healthy immune system against infectious diseases, while a wide variety of nutrients or bioactive food components have been shown to alleviate inflammatory responses and prevent or delay the onset of many chronic conditions. However, the detailed mechanisms underlying the beneficial effects of nutrients/bioactive compounds are still elusive.

The aim of this Special Issue is to provide new insights into the molecular and cellular mechanisms by which nutrients/bioactive compounds modulate biological processes and disease development. Both original research and review articles are welcome. Topics include, but are not limited to, the following: regulation of gene expression by nutrients or bioactive compounds, effects of nutrients or bioactive compounds on human disease conditions and the underlying molecular and cellular mechanisms, and the effects of genetic mutation or polymorphism on nutrient metabolism and its consequence for health and diseases.





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## Message from the Editor-in-Chief

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