

## Special Issue

# Nutrition in Health and Diseases: Molecular and Cellular Mechanisms

### 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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### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2023)



## International Journal of Molecular Sciences

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CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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