

Special Issue

Molecular Insights in Food Science: From Nutritional Value to Safety Evaluation

Message from the Guest Editor

Nutritional impact and food safety are two of the most critical topics in food science today. In recent years, various analytical methodologies have been developed to evaluate the content of nutraceutical compounds, including in innovative food products. At the same time, increasing attention is being paid to food safety, particularly with the introduction of novel foods, raising the need to assess potential side effects on human health.

This Special Issue brings together cutting-edge research exploring how molecular techniques are expanding our understanding of food composition, functionality, and safety.

Contributions will focus on the identification of bioactive compounds, nutrient bioavailability, molecular changes during processing and storage, and the detection of contaminants and adulterants. Emphasis will be placed on how these molecular insights can enhance nutritional quality, support regulatory standards, and protect consumer health.

We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

20 August 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/249079

*International Journal of
Molecular Sciences*
Editorial Office
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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