

## Special Issue

# New Insights into Natural Bioactives and Plant Extracts

### Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue entitled “New Insights into Natural Bioactives and Plant Extracts”. Natural bioactive compounds derived from plants, microorganisms, marine organisms, and other natural sources have attracted considerable scientific interest due to their diverse biological activities and therapeutic potential. This Special Issue aims to highlight recent advances in the molecular characterization and biological evaluation of chemically identified natural bioactive compounds. Particular emphasis will be placed on studies investigating molecular mechanisms of action, including effects on gene expression, signaling pathways, oxidative stress, inflammation, apoptosis, metabolism, and disease-related molecular targets. The topic is fully aligned with the scope of the International Journal of Molecular Sciences (IJMS), especially in the areas of molecular pharmacology, natural product chemistry, and molecular biology. Studies involving clearly identified active constituents are within the scope of this issue, whereas submissions based solely on undefined crude extracts or complex mixtures are not considered suitable.

### Guest Editor

Prof. Dr. Diamanto Lazari

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### Deadline for manuscript submissions

closed (20 July 2025)



## International Journal of Molecular Sciences

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## About the Journal

### 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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