

## Special Issue

# Bioactive Natural Compounds: Protecting Plants and Promoting Human Health, 2nd Edition

### Message from the Guest Editor

Recently, interest in natural resources, e.g., plants, biomass processing coproducts, microorganisms, and algae, as sources of bioactive compounds has been booming worldwide. Bioactive natural compounds offer a wide variety of possible applications, ranging from plant protection to human health-promoting effects. Knowledge regarding the broad diversity of natural compounds is continuously evolving, receiving increasing attention from scientists of several disciplines involved in multidisciplinary research projects. This Special Issue on “Bioactive Natural Compounds: Protecting Plants and Promoting Human Health” welcomes original research and reviews covering several aspects of natural compounds including, but not limited to, the following: their discovery in and from different sources; their extraction, isolation, and characterization; their biotechnological production and chemical modification; the evaluation of their in vitro and in vivo bioactivity; their role at the molecular level and the elucidation of their mechanism of action; and the investigation of their stability and functionality for potential practical application in plant protection and human health.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 March 2026)



## International Journal of Molecular Sciences

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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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