# Special Issue

# Bioactive Metabolites from Natural Sources (2nd Edition)

### Message from the Guest Editors

This Issue is dedicated to studies investigating compounds derived from nature. Nature is the best source of bioactive metabolites (BAMs), and knowledge about different classes of metabolites is constantly increasing. BAMs are represented by primary and secondary metabolites, including amino acids, fatty acids, peptides, phytohormones, sugars, phenolics, terpenoids, and alkaloids. Biotechnological approaches for increasing BAM production in an environmentally friendly fashion assist in furthering practical applications in agriculture, food quality, and human health. This Special Issue invites you to the share latest advances, answering questions about various aspects of BAMs: What BAMs are produced in nature—different classes, evolution? What do we know about their mechanisms of action? Why they are useful for the organisms that synthesize them? How could they be useful by other organisms? How can we regulate their production in vitro and in vivo? Studies highlighting additional interesting aspects of BAM application will also be considered.

### Guest Editors


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### Deadline for manuscript submissions

closed (31 March 2026)


## Metabolites

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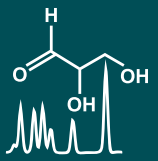


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# About the Journal

## Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

## Editor-in-Chief

Dr. Amedeo Lonardo
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