

## Special Issue

# Natural Compounds with Biomedical Potential

### Message from the Guest Editors

Natural bioactive compounds, derived from plants, fungi, marine organisms, and other natural sources, have become a cornerstone in biomedical research due to their therapeutic potential and favorable safety profiles. Compared to synthetic drugs, they often exhibit lower toxicity, while natural extracts containing multiple bioactive constituents may offer synergistic effects or expanded therapeutic applications.

A key feature of these compounds is their structural diversity, which underpins a wide range of biological activities and mechanisms of action. This diversity translates into broad pharmacological effects—including antimicrobial, antioxidant, anti-inflammatory, antidiabetic, and anticancer activities—highlighting their relevance to human health. Moreover, their natural origin allows for combination with synthetic drugs, potentially enhancing efficacy or enabling multi-target therapeutic strategies.

Elucidating the interactions between natural bioactive compounds and biological systems represents a promising direction in drug discovery and development.

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## Biomolecules

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*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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