

Special Issue

Plant Bioactives in Human Health: From Phytochemistry to Molecular Mechanisms

Message from the Guest Editors

We are pleased to invite submissions to the Special Issue of *Molecules* entitled 'Plant Bioactives in Human Health: From Phytochemistry to Molecular Mechanisms.' This special issue is dedicated to publishing high-quality scientific contributions that advance our understanding of how plant-derived compounds—commonly referred to as phytochemicals—affect human health at the molecular level. We welcome original research and comprehensive reviews that present novel findings on the following:

- Bio-accessibility, bioavailability, absorption, metabolism, and bioactivity of phytochemicals
- Their interactions with the human microbiota
- Mechanisms of action underlying their physiological effects
- Innovative formulations that enhance efficacy and stability
- Safety assessments for use as food ingredients or additives

Special emphasis will be given to studies exploring the role of phytochemicals in:

- Regulating key physiological functions
- Modulating disease pathways and pathogenesis

Guest Editors

Prof. Dr. Valeria Naponelli

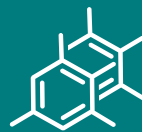
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Deadline for manuscript submissions

30 July 2026



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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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