

Special Issue

Phytochemicals in Health and Disease: From Molecular Mechanisms to Evidence-Based Applications

Message from the Guest Editor

Phytochemicals are increasingly recognised for their potential to prevent and treat a wide range of diseases, including metabolic, inflammatory, and neurological disorders. Despite their long-standing traditional use, the scientific validation of their efficacy and safety is ongoing. This Special Issue invites multidisciplinary contributions on the therapeutic potential of plant chemicals, with a focus on mechanisms of action, the isolation of bioguided compounds, pharmacokinetics, quality control, safety, and formulation. We welcome original articles and reviews from the fields of pharmacology, molecular biology, biochemistry, plant medicine, and related disciplines. Integrating traditional knowledge with modern science, this collection aims to advance the evidence-based understanding of phytochemicals in health and disease.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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