

Special Issue

State-of-the-Art Bioactives and Nutraceuticals in Thailand

Message from the Guest Editor

This Special Issue of *IJMS*, entitled “State-of-the-Art Bioactives and Nutraceuticals in Thailand,” highlights innovative research at the intersection of traditional botany and modern pharmaceutical science. Thailand’s rich biodiversity offers a valuable source of phytochemicals with significant potential for disease prevention and health promotion. We invite contributions exploring advanced extraction techniques, including both thermal and non-thermal processing technologies, to enhance the yield and purity of bioactive compounds. Particular emphasis is placed on elucidating molecular mechanisms, especially the modulation of oxidative stress and inflammatory pathways by indigenous medicinal plants. This Issue also focuses on the application of bioactives in functional foods and nutraceuticals, including the use of novel delivery systems such as nanoencapsulation to improve bioavailability. By integrating scientific rigor with industrial scalability, this collection aims to advance the development of Thai herbal resources into globally recognized therapeutic products. Original research articles and comprehensive reviews discussing nutrigenomics and bioprocessing are also welcome.

Guest Editor

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Deadline for manuscript submissions

30 September 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/276671

*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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