

Special Issue

Molecular Insights: Mechanisms Underlying the Biological Activities of Natural Products

Message from the Guest Editor

The Special Issue titled "Molecular Insights: Mechanisms Underlying the Biological Activities of Natural Products" aims to delve into the intricate molecular mechanisms that govern the diverse biological activities of natural products. It seeks to provide a comprehensive understanding of how these compounds interact with molecular targets, cellular components, and signaling pathways, while also influencing gene expression and metabolic processes to elicit physiological responses in organisms. Through elucidating these mechanisms, researchers aim to comprehend the broad spectrum of biological effects exerted by natural products, including, but not limited to, immune modulation, antidiabetic, antioxidant, anti-inflammatory, antimicrobial, and anticancer activities.

Topics of interest include, but are not limited to, the pharmacodynamics, pharmacokinetics, target identification, and mode of action of natural products. Researchers are encouraged to contribute original research articles, reviews, and perspectives that contribute to our understanding of the molecular basis underlying the biological activities of natural products.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)



Current Issues in Molecular Biology

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Impact Factor 3.0
CiteScore 3.7
Indexed in PubMed



mdpi.com/si/200909

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Biology*
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Message from the Editor-in-Chief

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