

Special Issue

Exploring Natural Products for Antimicrobial Innovation: New Paths and Promising Leads

Message from the Guest Editor

This Special Issue aims to explore the vast potential of natural products in the discovery and development of novel antimicrobial agents. With the rise of antimicrobial resistance, the need for innovative solutions from nature has never been more urgent. The Issue will cover a wide range of natural sources, including plants, fungi, bacteria, and marine organisms, highlighting the unique chemical compounds that have demonstrated antimicrobial activity. Contributors are invited to present recent advancements in the isolation, characterization, and bioactivity evaluation of natural products with antimicrobial potential. Additionally, the role of natural products in overcoming drug resistance mechanisms, their synergy with existing antibiotics, and their use in combination therapies will be discussed. The Issue seeks to bring together researchers focused on both traditional uses of natural products and cutting-edge, modern techniques in natural product discovery, aiming to inspire further research and development in the fight against microbial infections.

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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