

Special Issue

Advances in Natural Products and Their Biological Activities—2nd Edition

Message from the Guest Editors

Following the success of the first edition of our Special Issue "Advances in Natural Products and Their Biological Activities," we are pleased to announce the second edition. This volume continues to focus on the potential of natural products in drug discovery and therapeutic applications. The first volume, with substantial contributions, can be accessed here: https://www.mdpi.com/journal/molecules/special_issue/s/natural_products_2025 The second edition will explore bioactive compounds from nature and their role in addressing diseases like cancer, antimicrobial resistance, inflammatory disorders, and neurological conditions. We invite original research and reviews on the isolation, characterization, and biological screening of natural products, particularly their interactions with molecular targets and pharmacological benefits. We also welcome research on modern technologies for developing formulations using natural compounds and their bioactivity. We look forward to your valuable contributions and to continuing the exploration of natural products in advancing human health.

Guest Editors

Prof. Dr. Irwin Rose Alencar Menezes

Prof. Dr. Henrique Douglas Melo Coutinho

Prof. Dr. Roseli Barbosa

Prof. Dr. Francisco Assis Bezerra Da Cunha

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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