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Natural Compounds in Modern Therapies

Guest Editors:

Dr. Anna Choromańska

Department of Molecular and Cellular Biology, Wrocław Medical University, Wrocław, Poland

Dr. Nina Rembiałkowska

Department of Molecular and Cellular Biology, Wrocław Medical University, Wrocław, Poland

Deadline for manuscript submissions:

closed (15 August 2023)

Message from the Guest Editors

Over the last few years, many innovative therapeutic strategies that combine nanotechnology, bioengineering, and molecular biology have been developed, but their effectiveness is minimal due to cancer cells' secondary and primary resistance. There is a growing interest in medicinal plants and compounds isolated from them with various biological activities.

Plants are considered factories of biologically active compounds not only for the production of primary metabolites but also for secondary ones. Among such substances, we can distinguish phenolic compounds, terpenoids, and nitrogen compounds, with significant therapeutic potential in the course of related reactions degenerative processes, treatment of metabolic, inflammatory, or neurological diseases.

This Special Issue aims to collect interesting information for the scientific community that deals with the bioactivity of plant extracts and natural compounds. The focus will be on research articles and reviews, including reports of anticancer, antioxidative, anti-inflammatory, and anti-infectious, characteristics, as well as studies assessing the influence of natural compounds on age-related disorders and metabolic syndrome.



mdpi.com/si/114289

Special Issue



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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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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Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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