

Special Issue

Chemopreventive and Therapeutic Potential of Phytochemicals and Their Analogs against Cancer

Message from the Guest Editors

As a follow up of our successful Special Issue, entitled “[Plant-Derived Natural Compounds in the Management of Cancer: Significance and Challenges](#)”, this special issue focuses on the potential and efficacy of naturally derived substances (phytochemicals) and their structural analogs in preventing different cancers and in cancer therapy. We invite original research articles and reviews on phytochemicals and structural analogs in cancer chemoprevention and therapeutics. The topics include, but are not limited to: (1) novel strategies for the extraction, (2) purification and characterization of natural compounds with anticancer activity; (3) novel methodological approaches to enhance the bioavailability of phytochemicals; (4) in-vitro- and in-vivo-based cancer models that evaluate various therapeutic targets of phytochemicals on various aspects of cancer treatment; and (5) clinical investigations into the role of the phytochemical/derivatives on cancer risk, treatment, and survival. Please note that manuscripts on crude extracts without identified active ingredients are not encouraged and cannot be considered for publication as per journal policy.

Guest Editors

Prof. Dr. Dietrich Büsselberg

Dr. Samson Mathews Samuel

Prof. Dr. Peter Kubatka

Deadline for manuscript submissions

closed (31 December 2023)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/135709

Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)