



life



an Open Access Journal by MDPI

Natural Compounds in Cancer Therapy–Volume II

Guest Editor:

Prof. Dr. Stefano Manfredini

Department of Life Sciences and
Biotechnology, University of
Ferrara, 44121 Ferrara, Italy

Deadline for manuscript
submissions:

closed (7 April 2023)

Message from the Guest Editor

Cancer remains the second leading cause of death, and most of the drugs (60%) currently in use for primary prevention of cancer (chemoprevention) are accomplished or inspired by phytochemicals. Therefore, research on natural products is still a valuable approach to compounds with unique structures and mechanisms of action. Some of them, previously not used because of lack of selectivity, have been brought back from oblivion via conjugation with monoclonal antibodies.

Phytochemicals are involved in the prevention and reversal of the carcinogenic process through multiple signal transduction pathways: inhibiting ROS production, NF- κ B activation, angiogenesis, AP-1 and COX-2, regulating Stat3 and MAPKs pathways, and inducing cell cycle arrest and apoptosis.

Therefore, there are plenty of opportunities for research in this field.



mdpi.com/si/141379

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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](#), [PMC](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

Contact Us

Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)