Special Issue

Potential of Natural Products as Drug Leads Possessing Antioxidant, Antiaging and Anticancer Properties

Message from the Guest Editors

Natural compounds originating from plants, animals and minerals exhibit different biological and pharmacological properties. Some, especially those with significant activity, could serve as potential antioxidant and antiaging drugs to combat against free radicals. The formation of oxidative stress is an integral part of cell life and responsible for premature aging processes as well as cellular damage leading to the development of cancer. Currently, finding safe compounds of natural origin that have therapeutic potential for preventing or treating diseases presents a serious challenge. This Special Issue aims to collect scientific papers concerning studies on the antioxidant, antiaging and anticancer activities of natural compounds or products. Studies on their possible mechanisms of biological action in normal and cancer cells, their effect on the skin, the chemistry of active natural compounds and any other relevant topics are of interest.

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Deadline for manuscript submissions

closed (28 February 2026)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/190468

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As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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