



Antioxidant Activity of Natural Products: 2nd Edition

Guest Editors:

Dr. Zhiqiang Wang

Department of Health Inspection,
School of Public Health, Hebei
University, Baoding 071002,
China

Dr. Grażyna Zgórk

Department of Pharmacognosy
with the Medicinal Plant Garden,
Faculty of Pharmacy, Medical
University of Lublin, 20-093
Lublin, Poland

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

There is growing interest in the activity and composition analysis of phytochemicals in natural products, especially in recognition of novel antioxidants with specific biological activities. Some new techniques have recently been proposed for the rapid recognition of novel antioxidants with specific biological activities in natural products without purification; these include ligand fishing, microfluids, disease-model-based metabolomics (cell or animal), etc. Furthermore, the biological activities of antioxidants can be evaluated in a more comprehensive, rapid, and accurate manner, and the antioxidant mechanisms can also be clearly illustrated.

This Special Issue aims to highlight recent advances in the development of new methods for the rapid recognition of natural antioxidants with specific biological activities, finding new antioxidant resources from natural products, discovering novel antioxidants, and understanding their antioxidant activities and mechanisms.





an Open Access Journal by MDPI

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.

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](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

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

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)