

Special Issue

Plant Extracts: Immunomodulatory and Anti- cancer Properties

Message from the Guest Editor

Medicinal plants have a long history of use for human health and wellness. Herbal medicines have unique features that are different from those of most drugs. Plant-derived extracts contain multiple pharmacologically active phytochemicals, and some herbal formulae contain multiple herbs. This Special Issue is focused on two specific areas: immunomodulation and cancer. We welcome submissions on: i) Isolation, identification, and characterization of bioactive(s) including extract fractions and novel delivery systems. Polysaccharides and related macromolecules are of particular interest because of their methodological challenges; ii) Mechanisms of action at the organism, cellular, and subcellular levels, including the identification of molecular targets and beneficial interactions with drugs. The application of bioinformatics and metabolomics in study design is particularly appreciated; iii) Clinical evidence based on studies of different designs in humans as well as systemic analyses of traditional knowledge.

Guest Editor

Dr. Edmund M.K. Lui

Physiology and Pharmacology, University of Western Ontario, London,
ON N6A 5B9, Canada

Deadline for manuscript submissions

closed (15 August 2021)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/53634

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

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





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).