Special Issue

Lipids and Alkaloids for Therapeutic and Cosmetic Applications

Message from the Guest Editor

Naturally occurring organic compounds such as lipids and alkaloids have great potential not only in therapeutic applications, but also in others such as cosmetics. These natural compounds can be used as native compounds or their properties can be modified and fine-tuned for different applications. Alkaloids and lipids are suitable candidates for therapeutic and cosmetic applications. Lipid-derived amphiphiles have great ability to self-assemble in nanostructures. The inherent hydrophobic nature of lipids makes them ideal for encapsulation of therapeutics, including alkaloids, and they are released in a controlled fashion at the desired site. This Special Issue focuses on the use of alkaloids and lipids in therapeutic and cosmetic applications.

Guest Editor

Prof. Dr. Aman Ullah

Agricultural, Food and Nutritional Science, University of Alberta 3-60C South Academic Building Edmonton, Edmonton, AB T6G 2G7, Canada

Deadline for manuscript submissions

closed (31 December 2022)



Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/80296

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

mdpi.com/journal/molecules





Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



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).

