Special Issue

Saponin-Rich Plant Extracts: Properties and Application

Message from the Guest Editor

Saponins are secondary metabolites produced mostly by plants. The number of possible saponin structures is almost unlimited, constantly challenging analytical chemists, who struggle with the lack of analytical standards for saponins. Our understanding of the chemical, physicochemical, and biological activity of saponins has recently improved, mainly due to the recent progress in the development of analytical tools but also due to the increasing interest in natural products. Saponins extracted from plants offer several advantages over many currently dominant synthetic surfactants, foaming and emulsifying agents, and pharmaceutical and food ingredients. In parallel to characterizing and finding new applications for both the already-known and the newly identified saponins, our efforts should also focus on improved and sustainable methods for their extraction. For this Special Issue, we welcome studies that present research outcomes on all aspects of saponin-rich plant extracts, including but not limited to the topics mentioned above.

Guest Editor

Prof. Dr. Kamil Wojciechowski

1. Faculty of Chemistry, Warsaw University of Technology, Noakowskiego 3, 00-664 Warsaw, Poland
2. R&D Director at SaponLabs Ltd, Poland

Deadline for manuscript submissions

closed (31 January 2022)

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/57717

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

mdpi.com/journal/molecules

MDPI

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).