

Special Issue

Natural Polymers and Biopolymers IV

Message from the Guest Editor

The year 2023 is particularly remarkable because we are celebrating the 25th anniversary of the 12 principles of green chemistry described in the groundbreaking book, "Green Chemistry: Theory and Practice", co-authored by Paul Anastas and John C. Warner, and published in 1998. The use of renewable resources is one of the most important of these principles. This approach is, in particular, very important for polymers, which have varied industrial applications. Thus, the use of biopolymers and biobased polymers could help the chemical industry to solve some of the current sustainability challenges of our society while also helping to obtain new materials with new properties. This Special Issue on "Natural Polymers and Biopolymers IV" is motivated by the increasing attention that the field of "green polymers" is receiving. It will present cutting-edge research on the use of bioresources for polymer materials and will show how natural polymers and biobased synthetic polymers, with their interesting and original properties, are intended to replace and outperform some oil-based polymers.

Guest Editor

Dr. Sylvain Caillol

Institut Charles Gerhardt Montpellier (ICGM), CNRS, ENSCM, University of Montpellier, 34095 Montpellier, France

Deadline for manuscript submissions

closed (15 December 2024)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/168463

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).