

Special Issue

30th Anniversary of *Molecules*—Recent Developments in Biobased Polymers

Message from the Guest Editors

This Special Issue aims to highlight the latest developments and innovations in the field of biobased polymers, a topic of growing significance in sustainable science and technology. We invite the submission of full-length research articles and high-quality review papers focusing on the following areas:

- The synthesis, characterization, and properties of novel biobased polymers.
- Innovative approaches to functionalizing or processing biobased materials.
- The applications of biobased polymers in various fields, including packaging, medicine, and environmental science.
- Advances in the biodegradability, recyclability, and lifecycle analysis of biobased materials.
- The development and validation of analytical techniques for studying biobased polymers.

We particularly welcome contributions that demonstrate the application of advanced methodologies, including green chemistry principles or analytical techniques, to real-world challenges in this domain. Join us in celebrating this milestone by sharing your groundbreaking work and helping us chart a path toward a more sustainable future through the advancement of biobased polymer research.

Guest Editors

Prof. Dr. Dimitrios Bikiaris

Laboratory of Chemistry and Technology of Polymers and Colors,
Department of Chemistry, Aristotle University of Thessaloniki, GR-
54124 Thessaloniki, Greece

Dr. Eleftheria Xanthopoulou

Laboratory of Chemistry and Technology of Polymers and Colors,
Department of Chemistry, Aristotle University of Thessaloniki, GR-
54124 Thessaloniki, Greece

Deadline for manuscript submissions

31 December 2026



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/223854

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 molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).