

## Special Issue

# Vitrimers and Sustainable Polymers: Pioneering Recycling and Controlled Degradation

### Message from the Guest Editors

This Special Issue focuses on the transformative potential of vitrimers and advanced polymer systems in addressing global sustainability challenges. We aim to explore cutting-edge research on polymer recycling, biodegradation, and debonding technologies, aiming to bridge the gap between innovative materials science and real-world applications. Contributions are welcome to highlight the recent advances made in the development, characterization, and implementation of adaptable, recyclable, and degradable polymers, with a particular emphasis on their environmental impact and industrial scalability.

### Guest Editors

Dr. Sylvain Caillol

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

Dr. Marc Guerre

Laboratoire SOFTMAT, CNRS UMR 5623, Université of Toulouse, Université Toulouse III-Paul Sabatier, 118 Route de Narbonne, F-31062 Toulouse, France

### Deadline for manuscript submissions

31 July 2025



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/230066](https://mdpi.com/si/230066)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto: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).