Special Issue

Organoantimony Chemistry

Message from the Guest Editors

Organic antimony compounds possess unique properties that have led to their significant applications across a wide array of fields. Notably, these compounds exhibit exceptional biological activity, rendering them valuable in medical and pharmaceutical research. Their ability to interact with biological systems in a selective manner has opened new avenues for the development of antitumor agents and other therapeutic applications. Furthermore, organic antimony compounds serve as crucial organic catalysts or ligands within the realm of chemical synthesis. This Special Issue aims to present recent advances in organic antimony compounds, encompassing the development of novel methods for their design and synthesis, the detailed examination of their unique properties, and their diverse applications across various fields. This Special Issue brings together cutting-edge research that demonstrates not only enhanced synthetic strategies but also innovative uses, ranging from medicinal chemistry to materials science. We welcome communications, full research articles, and reviews on topics related to these fields.

Guest Editors

Prof. Dr. Renhua Qiu

State Key Laboratory of Chemo/Biosensing and Chemometrics, Advanced Catalytic Engineering Research Center of the Ministry of Education, College of Chemistry and Chemical Engineering, Institute of Shenzhen, Hunan University, Changsha 410082, China

Dr. Longzhi Zhu

Department of Chemistry and Chemical Engineering, Hunan Institute of Science and Technology, Yueyang 414006, China

Deadline for manuscript submissions

30 September 2025

Molecules

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/207124

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).