



Recent Advances in Organochalcogen Chemistry

Guest Editors:

Dr. Francesca Mangiavacchi

Department of Chemistry “U. Schiff” (DICUS), University of Florence, Via della Lastruccia 3-13, 50019 Sesto Fiorentino, Italy

Dr. Damiano Tanini

Dipartimento di Chimica “Ugo Schiff”, Università degli Studi di Firenze, Via della Lastruccia, 13-50019 Sesto Fiorentino, FI, Italy

Prof. Dr. Claudio Santi

Group of Catalysis and Organic Grenn Chemistry, Department of Pharmaceutical Sciences, University of Perugia, 06123 Perugia, PG, Italy

Message from the Guest Editors

Dear Colleagues,

Chalcogen chemistry has witnessed significant growth and expansion in recent years, with sulfur being traditionally prominent, while selenium and tellurium are emerging as increasingly relevant elements. Research efforts are dedicated to the synthesis and structural investigations of chalcogen-containing organic compounds, as well as to their application in interdisciplinary areas. This Special Issue aims to collect contributions focusing on synthetic methodologies toward chalcogen-containing compounds and on their applications within diverse fields, such as material and supramolecular science, bioorganic chemistry, and pharmaceutical science. Contributions addressing these themes are warmly welcomed.

Deadline for manuscript
submissions:

31 May 2025





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)