

Special Issue

Sulfur-Containing Compounds: Synthesis, Characterization and Antimicrobial or Anticancer Activity

Message from the Guest Editors

Sulfurated molecules are often found in nature, and their biological roles make them important scaffolds in medicinal and pharmacological chemistry as well as in materials science and organic synthesis. In this Special Issue, we wish to involve authors who would like to communicate their work on various aspects of sulfur-containing compounds, their synthesis, their characterization, their nutraceutical properties, their role in the development of novel drugs, and their potential application in the biomedical antimicrobial and anticancer fields. The formation of C-S bonds is the main focus of this SI; we are confident that each new sulfurated molecule may have potential applicability.

We welcome the submission of original research articles, short communications, reviews, and featured articles to this Special Issue. Research areas may include (but are not limited to) organic chemistry, pharmaceuticals, food, natural products, therapeutics, phytochemistry, and inflammatory processes.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Paola Bonaccorsi
Dr. Chiara Maria Antonietta Gangemi
Dr. Anna Barattucci

Deadline for manuscript submissions

closed (20 November 2025)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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