

Special Issue

Small Molecules with Spiro-Conjugated Cycles: Advances in Synthesis and Applications, 2nd Edition

Message from the Guest Editor

Organic spiro derivatives are extremely attractive molecules for the development of novel structural types of biologically active molecules, and for the fabrication of new materials. The rigidity of spiro junctions in molecular frameworks makes it possible to fix the required spatial arrangement of exocyclic substituents, which are crucial to enabling with biological targets and the properties of developed materials. It is also vital that spiro-linked carbo- and heterocyclic compounds can be obtained via various types of cyclization reactions with high regio- and stereoselectivity, as well as atomic precision.

This Special Issue focuses on the synthesis and physico-chemical and biological investigation of spiro-conjugated organic compounds, and welcomes both original research articles and review papers addressing with both practical and mechanistic aspects of the preparation and reactivity of title compounds, as well as prospects for their possible application. In its Volume I, 10 papers were published. We sincerely encourage you to read these papers and welcome your contributions to Volume II.

Guest Editor

Prof. Dr. Elena K. Beloglazkina

Department of Chemistry, M. V. Lomonosov Moscow State University, Leninskie Gory, 1-3, 119991 Moscow, Russia

Deadline for manuscript submissions

closed (20 February 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/179455

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)