

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

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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



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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