

Special Issue

Advances in Spiro Compounds

Message from the Guest Editors

Spiro compounds are ubiquitous molecules, which contain a fused bicyclic system that share a single atom. The immense interest in spirocycles is fuelled by an extremely wide range of useful properties (anti-cancer, antibacterial, antifungal, anti-diabetic, anti-HIV, cytotoxic, diuretic, spasmolytic, antiphlogistic, anti-hypertensive, anti-depressant, anxiolytic, anti-fouling, anti-feedant, herbicidal, plant growth regulatory effects; photochromism; and hole-transporting ability.). These properties have been translated into several practical applications which include marketed drugs; ophtalmic lenses and suncreening (for instance in sunglasses); auxiliary compounds in stereoselective syntheses, etc.; In addition, many other utilizations, such as new medications, chemical biosensing, controlled release drug delivery, molecular switches, and solar cells, are in a developmental phase. This special issue will be devoted to this amazing class of compounds, covering recent key findings in any of the above research fields.

Guest Editors

Prof. Dr. László Somsák

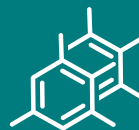
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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, 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.

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