

Special Issue

Chemistry and Biochemistry of Cellular Thiols

Message from the Guest Editor

Following the success of the SI (Special Issue) "Glutathione: Chemistry and Biochemistry", we are pleased to launch a new SI titled "Chemistry and Biochemistry of Cellular Thiols". This Special Issue will publish research papers and review articles that include the widest range of chemical and biochemical changes related to cellular thiols. Papers that discuss any aspect of the complex thiol-based redox homeostasis as well as drug delivery systems that can be applied to efficiently increase or decrease cellular glutathione levels are all welcome. The aim of this compilation is to collect up-to-date knowledge of our understanding of the roles of the thiol network in the homeostasis of the living state of matter. From a medicinal chemistry point of view, submissions on any type of intervention of modification of functions of the network are also welcome. According to the above set aims, I wish to ask all researchers who know the field and who are active practitioners of any segment of the field to participate in this endeavor.

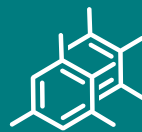
Guest Editor

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Deadline for manuscript submissions

closed (30 November 2024)



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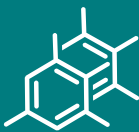


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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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