

Special Issue

Bio-Orthogonal Chemistry in Bioimaging

Message from the Guest Editor

Bio-orthogonal chemistry refers to chemical reactions that can occur in biological systems without interfering with endogenous biochemical processes. Bio-orthogonal reactions have been applied to image biomolecules such as glycans, proteins, DNA, RNA, and lipids in vivo. This Special Issue aims to illustrate the recent and pertinent developments in bio-orthogonal reactions and their promising applications for imaging live-cell and animal studies. Both research papers and reviews are welcome.

Guest Editor

Prof. Dr. Yan Xu

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Deadline for manuscript submissions

closed (31 December 2023)



Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/112447

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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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