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

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Message from the Editor-in-Chief

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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