Special Issue

Radical Chemistry Applications in Organic Synthesis and Chemical Biology

Message from the Guest Editor

For many years, radical chemistry has been providing alternative approaches for the synthesis of essential molecules that can be applied in the pharmaceutical and chemical industries. Previously inaccessible “key” intermediates and final products are now available due to the recent developments in the field involving radical transformations. “Green” and sustainable routes for the synthesis of vital organic scaffolds are now possible thanks to radical reactions that dominate many state-of-the-art procedures. Additionally, the elucidation of complex mechanisms underlying biological systems behavior, involving radicals, has boosted the research on enzymatic reactions, DNA and unsaturated lipid damage, protein transformation, cell signaling, bioimaging, uncaging drug methods, natural extracts antioxidant capacity, etc. Submissions of research or review articles on topics related to the “Radical Chemistry Applications in Organic Synthesis and Chemical Biology” are highly encouraged

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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