

Special Issue

Oxidative Stress as a Pharmacological Target for Medicinal Chemistry II

Message from the Guest Editors

Despite intensive research worldwide, there is a constant increase in the number of patients suffering from any kind of oxidative-stress-related disease, including cancer, diabetes, neurodegenerative diseases, atherosclerosis, or cardiovascular disorders. The effective modulation of oxidative stress is essential in the prevention, delay, and/or treatment of these types of pathologies. This Special Issue may cover all aspects of oxidative-stress-related research. Original research papers as well as review articles are welcomed on the synthesis/extraction and structural analysis of possible new antioxidants, their biological evaluation, and mechanisms of action. Furthermore, studies of new exogenous or endogenous modulators of oxidative stress in different oxidative-stress-related disease models are also welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2023)



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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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