



## Capsicum: Traditional Uses, Biactive Compounds and Biological Activities

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### Message from the Guest Editors

Bioactive compounds extracted from medicinal plants and their usage as therapeutical agents have evolved with human history. Presently, this area has become an important research domain in biomedical and natural product research. Capsicum-related compounds have a myriad of effects, antioxidant and anti-inflammatory properties, analgesic and anti-nociceptive effects, with potential use in the management of different painful and inflammatory conditions. Moreover, its possible chemopreventive roles may open new research avenues in various areas of biomedical sciences.

This Special Issue will host papers related to recent developments in the biomedical domain related to capsicum components and it will include but not be limited to capsaicin effects on cellular functions in physiology and in diseases; proteomic, metabolomic, and genomic studies on the mechanistic of capsaicin regulation; and nanoformulation of capsaicin compounds used in therapy





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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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