

Special Issue

Recent Developments of Curcumin and Its Derivatives in Medicinal Chemistry

Message from the Guest Editor

Curcumin and its analogs (curcuminoids) are recognized as privileged scaffolds for drug discovery due to their concise synthesis and versatile skeleton, from which structure–activity relationships can be derived. In addition, their therapeutic potential has been confirmed by a series of successful preclinical and clinical trials. Thus, medicinal chemists continue to be fascinated and inspired by the chemical and biological properties of curcumin and its derivatives and hybrids. This Special Issue examines curcumin in detail and provides an update on the synthesis, isolation, molecular targets, pharmacological effects, and *in silico* studies of curcumin and its curcuminoids.

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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