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Curcumin

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Message from the Guest Editors

Curcumin, commonly classified as a natural occurring polyphenol, is the primary bioactive compound isolated from the dried rhizomes of *Curcuma longa* L. In the past decades, a large number of reports have been published on the beneficial effects of curcumin, and it has repeatedly been claimed that this natural active principle, which is considered safe, could be the lead compound for the development of new therapeutics. The molecular structure of curcumin (CUR) accounts for its pleiotropic set of biological properties, including anti-oxidant, anti-inflammatory, anti-tumor and neuroprotective activity. Many efforts have been devoted to the development of new derivatives, formulations and to understand the molecular mechanisms both in vitro and in vivo. This Special Issue aims to collect the actual knowledge and new trends in all areas dealing with curcumin.



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Special Issue



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Message from the Editor-in-Chief

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