



Therapeutic Potential of Antioxidants in the Prevention of Human Diseases

Guest Editor:

Dr. Kota V. Ramana

Department of Biomedical
Sciences, Noorda College of
Osteopathic Medicine, Provo, UT
84606, USA

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Message from the Guest Editor

Oxidative stress has been associated with a number of complications. Natural plant-derived products have been used to treat these complications for thousands of years, without much understanding of the molecular mechanism(s) through which these compounds prevent or cure these human diseases. Furthermore, several antioxidants derived from various natural resources have been tested in the past, and it has been found that their effective antioxidative and anti-inflammatory properties could benefit human health. Indeed, some currently available pharmaceutical drugs have been developed from compounds isolated from various plant species. Furthermore, multiple analogs of antioxidants are more potent than parent antioxidants. Although several preclinical studies indicate the beneficial effects of various antioxidants, some have never been tested in a clinical setting. This Special Issue is dedicated to studies on various natural antioxidants and their possible analogs in preventing and treating various human diseases.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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