

Special Issue

Therapeutic Potential of Antioxidants in the Prevention of Human Diseases

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.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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