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Oxidative Stress and Protective Effects of Natural Products in Health

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Message from the Guest Editor

Oxidative stress is a negative effect induced by free radicals in the body and is thought to be the most important risk factor for human aging and various diseases, such as tumors, cardiovascular and cerebrovascular diseases, neurodegenerative diseases (Alzheimer's disease), diabetes, and other diseases. Over the past 20 years, the study of oxidative stress has undoubtedly been a hot spot in basic research. Some foods, herbal medicines, and dietary supplements (such as red wine, tea, soy protein, and EGCG) are rich in natural ingredients which are considered to have good antioxidative effects. Some of these foods and supplements are ingested daily; therefore, the effects of natural products in foods and herbal medicines on health and the underlying mechanisms via antioxidative stress are of universal appeal.

This Special Issue aims to collect high-quality researches which cover the associations between oxidative stress and health, the antioxidative effects of natural products derived from foods and herbal medicines, and the deep mechanism researches in this field.



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Special Issue



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