



plants



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Phytochemical and Antioxidant Properties of Plants—Health Care, Food Production and Green Agriculture

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Message from the Guest Editors

Nowadays, antioxidant properties of plant secondary metabolites are of particular interest due to the growing market demand for natural compounds and possible difficulties in the utilization of synthetic antioxidants and their likely toxic effects. Moreover, these antioxidant substances are of particular interest due to their reported ability to protect against many diseases such as osteoporosis, cancer, and cardiovascular diseases. Moreover, the growing need to employ sustainable low-impact and “green” practices in agriculture has brought to light studies regarding phytochemical employment as growth and development biostimulants and agents to control crop health, offering many application opportunities in organic and conventional farming. This Special Issue of *Plants* aims to present advances in the research of phytochemicals in plants and their antioxidant properties, welcoming studies regarding the characterization of antioxidant properties from traditional plants in different world areas, advances in the studies of the impact of these substances on human health care, food and crop production and the agricultural employment of phytochemicals.



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Message from the Editor-in-Chief

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