Special Issue

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

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 lowimpact 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.

Guest Editors

Dr. Alessandra Bonetti

National Research Council, Research Institute on Terrestrial Ecosystems, CNR, Via Madonna del Piano n.10, Sesto F.No, 50019 Florence, Italy

Dr. Raffaella Petruccelli

Italian National Research Council | CNR • Institute for BioEconomy (IBE), Fiorentino, Italy

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Plants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
plants@mdpi.com

mdpi.com/journal/ plants





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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

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