

Guest Editors

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Plant Bioactive Molecules

🕒 **Deadline: 31 October 2023**

Dear Colleagues,

Over the centuries, plants have played a key role in human health through the presence of a large number of biomolecules with potentially beneficial effects. Many bioactive molecules from plants are widely used as therapeutic agents for treating diseases and maintaining health status. However, there is a strong need for scientific research on their role in modulating various metabolic and functional activities, as well as on their bioavailability, pharmacological action and safety. Numerous studies in the past few years have investigated the efficacy of plant-derived biomolecules against human diseases. More recently, *in vitro*, *in vivo*, and *in silico* studies are beginning to reveal the molecular mechanisms underlying their beneficial effects. The purpose of this Special Issue is to collect original research articles, short communications, and reviews on novel chemical and functional properties of bioactive molecules from plants that have impacts on human health. In addition, research on their potential molecular mechanisms of action, as well as studies on their bioavailability and metabolism, are welcome. We encourage you to consider submitting your original work on this important topic.

Prof. Dr. Paola Bontempo, Prof. Dr. Daniela Rigano and Dr. Luigi De Masi

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