

Special Issue

Bioactive Molecules from Plants: Discovery and Pharmaceutical Applications (Volume II)

Message from the Guest Editors

Plants have historically proven their value as a source of bioactive molecules with pharmaceutical potential, and due to an increasing demand for chemical diversity in pharmaceutical screening programs, the identification of novel therapeutic drugs from natural sources represents an interesting approach. Indeed, plants are extremely rich sources of bioactive molecules useful for a multitude of applications in the fields of biomedicine, cosmetics, and the food industry. The focus of this Special Issue is the identification, extraction, purification, characterization and formulation of novel bioactive molecules derived from plants, topics including, but not limited to, bioactive compounds as supplements for functional foods and cosmetics, novel molecules with antioxidant properties, bioactive compounds targeting cell survival and cell signaling pathways, novel protein and non-protein protease inhibitors from plants, bioactive molecules with anti-bacterial, anti-fungal, or antiviral properties, and compounds with immunomodulatory effects. Due to the success of the first volume, we are glad to announce that the second volume of this Special Issue is opening for submission now.

Guest Editors

Prof. Dr. Maria Camilla Bergonzi

Department of Chemistry, University of Florence, Sesto Fiorentino, 50019 Florence, Italy

Dr. Javier Garcia-Pardo

Institut de Biotecnologia i de Biomedicina (IBB), Universitat Autònoma de Barcelona, 08193 Bellaterra, Barcelona, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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