



## Bioactive Compounds from Various Sources: Beneficial Effects and Technological Applications

Guest Editor:

**Dr. Monica Gallo**

Department of Molecular  
Medicine and Medical  
Biotechnology, University of  
Naples Federico II, via Pansini, 5,  
80131 Naples, Italy

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### Message from the Guest Editor

Dear Colleagues,

Bioactive compounds are substances capable of positively influencing health and contributing to the prevention of different diseases. These compounds, extracted and characterized by various techniques, mostly originate from plant (phytochemicals), but also animal and, more recently, they have also been extracted from waste material.

Bioactive compounds are substances capable of modulating biological activities and important physiological functions, including some of the following multiple effects: antioxidant and anti-inflammatory activity, modulation of detoxification enzymes, stimulation of the immune system, modulation of hormonal metabolism, antibacterial and antiviral activity, and antiproliferative activity. Therefore, studies on these compounds will be able to provide further evidence of their functions and mechanisms of action in physiological and/or pathological conditions, allowing their use in various fields, such as food, pharmaceutical, cosmetic, and herbal.

Dr. Monica Gallo

*Guest Editor*





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**Prof. Dr. Giulio Nicola Cerullo**  
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Politecnico di Milano, Piazza L.  
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## Message from the Editor-in-Chief

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Applied Sciences Editorial Office  
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