

Special Issue

Therapeutic Effects of Natural Bioactive Compounds in the Management of Human Diseases

Message from the Guest Editors

The Special Issue, entitled “Therapeutic Effects of Natural Bioactive Compounds in the Management of Human Diseases”, welcomes high-quality research articles, as well as review articles, focusing on targets and molecular mechanisms underlying several common pathological conditions related to increased oxidative stress and inflammatory processes and their possible modulation through natural bioactive compounds. The extraordinary activity of functional bioactives is displayed via their antioxidant, anti-inflammatory, and anti-glycant properties, which collectively provide a potential new strategy in the management of several pathological conditions (e.g., diabetes, obesity, and rheumatic and neurodegenerative diseases, among others). Understanding the molecular and functional mechanisms and/or pathways through which these substances may support human health remains an open question worth exploring. In this perspective, studies using animal, as well as cell-based models, are welcome.

Guest Editors

Dr. Sara Spinelli

Dr. Alessia Remigante

Prof. Dr. Rossana Morabito

Deadline for manuscript submissions

closed (30 April 2025)



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

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Madhav Bhatia

Department of Pathology and Biomedical Science, University of Otago,
Christchurch, 2 Riccarton Avenue, P.O. Box 4345, Christchurch 8140,
New Zealand

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