

Special Issue

Bioactive Agents Effective in the Prevention of Metabolic Syndrome

Message from the Guest Editor

Bioactive compounds are the food constituents that provide beneficial health effects to functional foods and nutraceuticals. These compounds exhibit antioxidant, anti-inflammatory, and antifungal activities as well as additional preventative properties. They are also the target mechanisms that manage, prevent, and/or treat chronic or acute disorders. Metabolic syndrome is a clinical syndrome characterised by several comorbidities, including abdominal obesity, arterial hypertension, dyslipidemia and hyperglycemia, which together represent an important risk factor for the onset of cardiovascular diseases and premature death, as well as have a significant impact on healthcare costs.

Bioactive compounds are an effective weapon in the battle against metabolic syndrome. In this regard, the consumption of functional foods and natural bioactive compounds may have a positive impact on body weight, blood pressure and glucose metabolism control, endothelial damage, lipid profile improvement, inflammation, and oxidative stress.

Guest Editor

Dr. Luís R. Silva

CPIRN-UDI/IPG—Centro de Potencial e Inovação em Recursos Naturais, Unidade de Investigação para o Desenvolvimento do Interior do Instituto Politécnico da Guarda, 6300-559 Guarda, Portugal

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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