

Special Issue

Food Chemical Composition and Antioxidant Capacity

Message from the Guest Editors

Economic and cultural development has resulted in major changes in the eating habits and lifestyles of society, reflected by greater rates of obesity and increased risk of disease. Numerous studies show that there is a correlation between a healthy diet and a good state of health. In this context, the phytochemical characterization and evaluation of the biological properties of bioactive compounds are essential, establishing their characteristics to be exploited for the food, nutraceutical, and pharmaceutical industries. One of the most relevant biological activities is the antioxidant capacity related, among others, to anticancer and anti-aging properties, the improvement of immune function, and protection against cardiovascular diseases and neurological disorders.

This Special Issue welcomes the submission of either original research manuscripts or reviews of the scientific literature concerning phytochemical characterization, and evaluation of the biological properties of the bioactive compounds present in foods, beverages, and the waste produced during their manufacturing. Pre-clinical findings and clinical trials in this area are also welcome, as are studies on novel foods.

Guest Editors

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Deadline for manuscript submissions

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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