

Special Issue

Flavonoids and Their Impact on Human Health

Message from the Guest Editor

Flavonoids are the most studied class of nutraceutical compounds for their impact on human health due to the unquestionable promising biological and pharmacological activities, as shown by epigenetic research, too. These compounds are able to modulate the intracellular signal cascade, and in addition to their well-known antioxidant activity, they can be utilized to promote cell survival or death, focusing their action on a well-defined biological target. These characteristics make the daily assumptions of flavonoids a natural defense weapon to promote organisms' wellness. Taking into account the strong interest in polyphenols as an emerging challenge for the development of health-promoting compounds and potential biotechnological applications, this Special Issue will cover a wide variety of areas, aiming to contribute to the overall knowledge of the molecular mechanism of flavonoids action by multiple points of view on both in producers and in consumers.

Guest Editor

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