



The Bioavailability and Bioactivity of Flavonoids

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Flavonoids are a large group of secondary metabolites that occur ubiquitously in natural foods such as vegetables, tea and fruits. It is well known that the abundant dietary flavonoids have a broad spectrum of health-promoting benefits, including the reduction of the risk of chronic diseases via inhibiting the occurrence of oxidative stress, inflammatory response, and cellular degeneration. Despite a huge number of studies focusing on the biological activity of dietary flavonoids, the following aspects still need further investigation: the effects of gut microbiota on the bioactivity of dietary flavonoids; the effects of other dietary components such as dietary fiber on the bioactivity and metabolism of flavonoids; and the influence of the chemical structure of flavonoids on their metabolism and bioactivity.

We invite you to submit manuscripts focusing on the bioactivity (anti-inflammation, antioxidant, alleviation of chronic diseases, etc.), absorption, and metabolism of dietary flavonoids. The nutritional aspects of flavonoids intake (from absorption and metabolism to functional foods/nutraceuticals) are also welcomed.

Prof. Dr. Ruifeng Zhang
Guest Editor





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Message from the Editor-in-Chief

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