



Flavonoids: Immune-Regulation and Health

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Deadline for manuscript
submissions:

closed (30 October 2018)

Message from the Guest Editors

Dietary flavonoids are emerging as promising candidates for the prevention and treatment of inflammatory diseases. Emerging new roles as immune-regulators present exciting opportunities to control inflammatory diseases. The development of functional foods and new delivery systems opens new opportunities for the clinical utilization of flavonoids for the prevention and treatment of inflammatory diseases.

This Special Issue welcomes original research papers or reviews that contribute to our understanding on the molecular mechanisms of dietary flavonoids and their role in the prevention and treatment of inflammatory diseases. Special interests include: Mechanistic insights into the function of flavonoids as anti-oxidants; regulators of signal transduction pathways; flavonoids and the effects on gene regulation; functional foods and plants for health; mechanistic roles of flavonoids in the modulation of the immune system; clinical trials of dietary flavonoids for disease prevention and treatment; and flavonoids and metabolic function.





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Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of “oxidative stress” a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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