



## Flavonoids: Immune-Regulation and Health

Guest Editors:

### **Prof. Dr. Andrea I. Doseff**

1. Department of Physiology,  
Michigan State University, East  
Lansing, MI 48824, USA

2. Department of Pharmacology  
and Toxicology, Michigan State  
University, East Lansing, MI  
48824, USA

### **Dr. Jennifer Ahn-Jarvis**

Food Innovation and Health,  
Quadram Institute Bioscience,  
Norwich Research Park, Norwich  
NR4 7UQ, UK

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.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alessandra Napolitano

Department of Chemical  
Sciences, University of Naples  
"Federico II", Via Cintia 4, I-80126  
Naples, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, PubAg, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

## Contact Us

---

*Antioxidants* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/antioxidants](http://mdpi.com/journal/antioxidants)  
[antioxidants@mdpi.com](mailto:antioxidants@mdpi.com)  
[X@antioxidants\\_OA](https://twitter.com/antioxidants_OA)