



Antioxidants and Food Allergy / Food Intolerance

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Deadline for manuscript
submissions:

closed (15 October 2022)

Message from the Guest Editors

Epidemiological studies show that there is a relationship between the amount of antioxidants in the diet and the occurrence of symptoms of allergic diseases. Insufficient amount of antioxidants can contribute to the development of allergic diseases. Allergic diseases are a serious medical and social problem in developed societies. Allergy is caused by an abnormal, excessive immune response to neutral molecules, usually proteins. About 25% of food allergens are defense proteins, produced in response to environmental stress. Similarly, in response to environmental stress, secondary metabolites are synthesized, e.g., polyphenolic compounds that are important antioxidants, hence the likely relationship between polyphenol content and some allergenic proteins. The mutual relationship between antioxidants and allergens in food products is remarkably interesting, also in terms of the direct interaction of polyphenols with proteins.

We encourage you to submit your latest research findings or review articles for this Special Issue, which will bring together current research related to antioxidants and food allergy/intolerance.





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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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