



Antioxidants as Functional Ingredient in Meat

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Message from the Guest Editors

This Special Issue reviews and discusses the diversity of antioxidants that may beneficially contribute to the preservation of meat. In addition, it will discuss the opportunity for using antioxidants as a potential strategy to improve human health. The sources of antioxidants can be natural or artificial. Several plant-based foods are thought to be rich in antioxidants. Antioxidants can protect against the cell damage that free radicals cause, known as oxidative stress. Oxidative stress has been linked to stroke, cancer, heart disease, arthritis, immune deficiency, Parkinson's disease and other ischemic and inflammatory diseases. In this sense, the inclusion of natural antioxidants into meat-based products could be an interesting strategy to produce functional meat products. For this Special Issue, the Guest Editors has brought together contributions from a group of outstanding international researchers to produce a valuable resource for researchers, faculty, students, food nutrition and health practitioners, and all those working in the meat and nutraceutical industries, especially in the development of functional foods.





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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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