

Special Issue

Antioxidative Properties in Meat and Meat Products

Message from the Guest Editor

Meat is a very complex matrix and contains various compounds that can influence its bioactive properties, such as antioxidation, which can be altered by various factors. Feeding various diet to livestock effects on antioxidative properties of meat and results in change of fatty acid composition, pigment, sensory characteristics, and freshness of meat. Aging and fermentation can also alter the antioxidative characteristics of meat and meat products. Therefore, the identification and purification of antioxidative peptides and other compounds using HPLC, LC/MS/MS, and MALDI-TOF, as well as, elucidating the potential interaction between the antioxidants and meat quality would be important for enhancing meat quality and shelf life. This Special Issue aims to focus on the topic of improving the oxidative stability of meat during storage and processing. Also, hope to cover studies on the separation and identification of antioxidative compounds, such as peptides and macro- or micro-molecules in meat, and the evaluation of bioactivity of meat and meat products via in vivo/in vitro experiments.

Guest Editor

Prof. Dr. Aera Jang

The Department of Applied Animal Science, College of Animal Life Science, Kangwon National University, Chuncheon 24341, Republic of Korea

Deadline for manuscript submissions

closed (31 August 2020)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/39481

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)





Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano

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

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)