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## Application of Antioxidants in Meat Products

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Deadline for manuscript submissions:

**closed (20 February 2024)**

### Message from the Guest Editors

Antioxidants comprise a group of chemical compounds of natural or synthetic origin that, among other mechanisms, have the ability to scavenge free radicals or function as chelators. Their addition in the meat industry is intended to prevent the oxidation of lipids, proteins and pigments. Hence, they are useful to extend the shelf-life of meat products and preserve their quality and sensory attributes, preventing, for example, the appearance of undesired off-colours, off-flavours and off-aromas. Moreover, antioxidants have been associated to health benefits, which include the prevention of the exposure to harmful free radicals that arise during food processing and storage, as well as their potential role as functional food additives in meat products.

Based on this, this Special Issue intends to gather a selection of reviews and relevant original research papers dealing with emergent and innovative antioxidant applications for better, safer, and healthier meat products.

- bioactive compounds
- food quality
- functional foods
- health benefits
- natural antioxidants
- preservation
- meat products
- shelf-life



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# Special Issue



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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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