

Special Issue

Processing and Preservation Technologies for Meat and Eggs

Message from the Guest Editor

Meat and eggs are considered as the major sources of animal protein in the daily diet. The processing of meat and eggs is a segment of the manufacturing industry that transforms these animal materials into intermediate or finished value-added food products that are safer and more accessible for consumption. The processing and preservation technologies aim to prevent meat and eggs from getting spoilt and to extend the shelf life, providing (or supplementing) nutrients required for health. The alteration of chemical composition, properties, and nutritive value is of great concern during the processing and preservation of meat and egg products. Emerging techniques including proteomics have been applied in identifying these variations to further evaluate the nutritive value influenced by processing and preservation.

We invite submissions on the exploitation of new technologies including but not limited to high pressure, ultrasound, electric field, and intense light treatments, together with microwave sterilization and novel methods to decontaminate herbs and spices regarding their potential application in processing/preservation with low-carbon delivery concerns.

Guest Editor

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Deadline for manuscript submissions

closed (25 February 2022)



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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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