



Advances in Meat Quality and Processing

Guest Editors:

Dr. Kathrine Bak

Institute of Food Safety, Food Technology and Veterinary Public Health, University of Veterinary Medicine Vienna, Veterinärplatz 1, 1210 Vienna, Austria

Prof. Dr. Peter Paulsen

Unit of Food Hygiene and Technology, Institute of Food Safety, Food Technology and Veterinary Public Health, University of Veterinary Medicine Vienna, Veterinärplatz 1, 1210 Vienna, Austria

Deadline for manuscript submissions:

20 September 2024

Message from the Guest Editors

Meat quality determines the eating experience of consumers in terms of sensory quality and nutritional value, while also determining qualities such as food safety, animal welfare, and technological quality, with the latter being especially important in terms of further meat processing.

Traditional meat processing methods include heating, drying, smoking, salting, curing, fermentation, etc. New technologies include high-pressure treatment, shockwave technology, pulsed electric field, ohmic heating, cold plasma, ultrasound processing, electrical stimulation, and others. New technologies may help to improve food safety while often being more gentle than traditional meat processing methods. Furthermore, many of the new technologies may be considered green technologies, thus improving the sustainability of meat processing. The applications of new technologies also include new product development. However, drawbacks of the new technologies include their initial costs, and potentially unwanted chemical reactions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)