

Special Issue

Safety and Quality of Meat and Meat Products

Message from the Guest Editors

Fresh meat and meat products are a food category at high risk of microbiological contamination; the development of alternative preservation and processing methods, both in fresh and meat products, has been attracting the interest of both industry and consumers. In this regard, there is growing attention towards the use of more natural ingredients and a reduction in preservatives (NaCl, nitrites, etc.), while maintaining a high standard of food quality and safety. Furthermore, attention has also been given to the development of rapid microbiological tools in order to accurately verify and guarantee the safety of meat and meat products, improving the use of risk-based approaches.

In this Special Issue, we encourage the submission of contributions, either research papers or reviews, about different aspects of the quality and microbiological safety of meat and meat products. Keywords

- Food processing
- Preservation
- Functional meat products
- Hurdle technology in meat processing
- Meat quality and safety
- Natural antioxidants in meat products
- New preservation techniques
- Probiotic meat products
- Enhancing shelf life

Guest Editors

Dr. Elena Sofia Inguglia

Department of Food Quality and Sensory Science, Teagasc Food Research Institute, D15 KN3K Dublin, Ireland

Dr. Marcia Oliveira

Department of Food Hygiene and Technology and Institute of Food Science and Technology, University of León, 24071 León, Spain

Deadline for manuscript submissions

closed (20 January 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/73327

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

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)