

Special Issue

Current Research and Strategies for Improving Farm Animal Meat Quality

Message from the Guest Editors

Meat quality includes numerous traits that can be affected by intrinsic and extrinsic factors. Meat quality can be analysed in terms of the nutritional properties they provide for human consumption, the traits that determine the safety of the meat (hygiene and toxicology), the traits that are important for meat processing, and the set of traits that determine sensory quality. Thus, the analysis of meat quality can be approached from different points. The genetic background of a species and/or breed has an inevitable effect on farm animal meat quality and its interaction with production systems, mainly with respect to nutritional properties and pre-mortem handling results regarding the specific physio-chemical characteristics of the meat. During post-mortem handling, transport and shelf-life microorganism contamination can occur, leading to meat spoilage and unappetizing or even poisonous or infectious effects. The meat industry requires specific meat characteristics, and different post-mortem handling and treatment methods can be beneficial to improve meat quality parameters.

Guest Editors

Dr. Nikolina Kelava Ugarković

Faculty of Agriculture, University of Zagreb, Svetošimunska Cesta 25, 10000 Zagreb, Croatia

Dr. Ana Kaić

Faculty of Agriculture, University of Zagreb, Svetošimunska Cesta 25, 10000 Zagreb, Croatia

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

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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