



Current Research and Strategies for Improving Farm Animal Meat Quality

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Message from the Guest Editors

Dear Colleagues,

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 their 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.





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Message from the Editor-in-Chief

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