



animals



an Open Access Journal by MDPI

Meat Quality and Protein Expression in Livestock and Poultry

Guest Editor:

Prof. Dr. Dorota Wojtysiak

Department of Animal Genetics,
Breeding and Ethology, Faculty
of Animal Science, University of
Agriculture in Krakow, Krakow,
Poland

Deadline for manuscript
submissions:

closed (15 June 2022)

Message from the Guest Editor

Dear Colleagues,

With currently more sufficient food supplies, meat quality becomes increasingly important to meet consumer's requirement. Today it is known that meat quality is an outcome of many factors associated with animal nutrition, rearing and slaughter, as well as depending on genotype. Some expectations on how to explain the problem of increasing meatiness and decreasing meat quality in livestock and poultry are associated with research on muscle tissue microstructure and rapid development of genetics at the molecular level.

This Special Issue is of interest to both review and research papers on all aspects of the relationship between meat structure, protein expression and meat quality. Areas of interest include the effect of breed, line, gender, nutrition, aging time, muscle type etc. on meat quality, its structure and rate of proteins degradation. Topics of special interest are muscle development and growth mechanisms of livestock and poultry: association with muscle myopathies and meat quality.



mdpi.com/si/68554

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia
2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q1 (*General Veterinary*)

Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)