

Special Issue

Meat Quality and Protein Expression in Livestock and Poultry

Message from the Guest Editor

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.

Guest Editor

Prof. Dr. Dorota Wojtysiak

Department of Genetics, Animal Breeding and Ethology, University of Agriculture in Kraków, 30-059 Krakow, Poland

Deadline for manuscript submissions

closed (15 June 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/68554

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

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





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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



About the Journal

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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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

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)