

## Special Issue

# Lactation Physiology and Milk Quality of Dairy Cattle

### Message from the Guest Editors

Breeding works, modern technologies and innovative solutions in herd management aim to increase animal productivity, with producers expecting high-yielding animals to produce a significant amount of milk during lactation while maintaining appropriate health and reproductive parameters. However, with the intensification of milk production, animal welfare decreases; the animals become more exposed to metabolic stress, leading to metabolic disorders and, consequently, to a decrease in milk yield. The processes taking place also affect milk quality, including the concentration of ingredients with health-promoting properties. It should be emphasized that the quality of milk is important both for the dairy industry and modern consumers, who are increasingly looking for food characterized not only by high nutritional value, but also by a high content of ingredients that can positively affect their health. It is therefore necessary to look for innovative solutions that positively affect both the animals' welfare and milk quality, and sustainable production systems can help to improve the latter. We look forward to receiving your submissions.

### Guest Editors

Prof. Dr. Jolanta Król

Department of Quality Assessment and Processing of Animal Products,  
University of Life Sciences in Lublin, 20-950 Lublin, Poland

Dr. Wioletta Sawicka-Zugaj

Department of Cattle Breeding and Genetic Resources Protection,  
University of Life Sciences in Lublin, Lublin, Poland

### Deadline for manuscript submissions

closed (20 October 2023)



## Animals

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*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto:animals@mdpi.com)

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*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.

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### 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

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