



animals



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Lactation Physiology and Milk Quality of Dairy Cattle

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)

Message from the Guest Editors

Dear Colleagues,

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.



mdpi.com/si/154897

Special Issue



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Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Curtin University Sustainable
Policy (CUSP) Institute, Curtin
University, Kent St., Bentley, WA
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: 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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Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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