



animals



an Open Access Journal by MDPI

Towards Improved Resilience in High-Performance Farm Animals

Guest Editor:

Prof. Dr. Martin Wähler

Department of Agriculture,
Ecotrophology and Landscape
Development, Anhalt University
of Applied Sciences, 06406
Bernburg, Germany

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

Breeding for high performance is generally associated with an increasing sensitivity of animals to harmful environmental factors. This has a negative effect on economic efficiency. This problem cannot be viewed in a single, causal way, because the production diseases, causes of reduced performance, and early departures are multifactorial. It is known that animals react very differently in their intensity to equally strong influencing factors. This is where the term “resilience” comes in to play, which can be translated as “spring force”.

The aim of this Special Issue is to bring together the current knowledge about this natural spring force in high-performance agricultural animals. We invite authors of original research papers that deal with the topic of resilience in high-performance animals, its quantification and diagnostics, and the breeding possibilities in herds of livestock to submit their work for consideration of inclusion in this Special Issue. The topics include a wide variety of influencing factors, diseases, methods of early detection of resilient animals, the effects of breeding decisions on the herd, and the responsibility of humans.



mdpi.com/si/81134

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, 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.

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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](#)