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## Understanding of Equine Physiology

Guest Editors:

**Prof. Esterina Fazio**

**Dr. Pietro Medica**

**Prof. Adriana Ferlazzo**

**Prof. Dr. Alida Ferlazzo**

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

The adequate integration of a horse with its own means and the environment ensures welfare, satisfaction of essential needs and health. Adaptive changes maintain horse emotional, behavioral and functional homeostasis in challenging the effects of environment, or managing stress. Stress conditions affect horse emotional and functional homeostasis as well as cognitive processes. For this Special Issue, original manuscripts covering all aspects of the link between cognitive processes and the emotional and functional state, including the implication of sensory cues to increase social discrimination capacity, are invited. The focus is on the dependence of functional and neuroendocrine responses to stressors on collative factors, on the understanding of the influence of physical or mental stressors and the role of affective processes underpinning temperament and emotional reaction in horses. These may prove to be of the outmost importance in determining welfare, functional and reproductive performances, adaptive responses, discipline-specific performance and appropriate psychological state for competition and any horse utilization.



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# Special Issue



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### 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: 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  
[www.mdpi.com](http://www.mdpi.com)

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