

Special Issue

Diagnosis, Monitoring and Treatment of Physiological Inflammatory in Equids

Message from the Guest Editors

Stress can be described as a disruption of homeostasis caused by internal and external factors; what is interesting, therefore, is how stress affects and is still a problematic concept within equine physiology. One of the many effects of the inflammatory reaction to stress conditions is the onset of an acute phase response. If unresolved, stress factors activate, via a cascade system, the hypothalamic–pituitary–adrenal (HPA) axis and the sympathetic nervous system through the production of glucocorticoids and catecholamines, affecting the animal's inflammatory state. Several conditions can cause stress in horses, such as transport, exercise, noisy environments and social isolation. In this vein, we invite you to submit papers that investigate or improve new laboratory methods for diagnosing stress and establish the use of new supplements and/or natural extracts to prevent or treat stressful situations in equids.

Guest Editors

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Deadline for manuscript submissions

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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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