

Special Issue

Research on Behavior and Physiology of Horses

Message from the Guest Editor

Physiological and/or behavioral reactions arise from an individual's perception of a possible danger to homeostasis, triggered by extrinsic or internal stimuli (stressors) that activate a physiological response in animals and induce behavioral alterations. Various behavioral manifestations represent distinct coping methods employed by individuals in stressful conditions associated with the activation of the physiological stress response. Behavioral and physiological responses may be modulated separately based on circumstance. In horses, several variables affecting individual behavioral and physiological variations have been recognized, including experience, habituation, food, handling, and maternal behavior. Likewise, breed has been shown to significantly affect individual reactivity, indicating a correlation between individual responsiveness and the heritability of features. The purpose of this Special Issue is to stimulate future studies of equine behavior and how it is affected or influences physiological variables in the healthy horse.

Guest Editor

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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