# 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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Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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