



## Not "Only" Stress: The Positive and Negative Roles of Glucocorticoids on Physiology and Behaviour

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editor

Dear Colleagues,

Glucocorticoids are regulatory hormones, which are known to affect behavior. From a behavioral point of view, chronic high levels of glucocorticoids decrease aggression, sexual behavior, locomotor activity, and exploration and, at the same time, may lead to the development of anxiety and depression in both animals and humans. Despite the well-known, long-term effect of glucocorticoids as behavioral downregulators, little is known about their immediate/short-term influence on behavior.

This Special Issue will cover the science to date in relation to glucocorticoids, the controversial issues related to sampling and measurement due to individual variability and lack of specificity (in positive and negative affective states), their interrelationship with neurotransmitters, and their role as indicators of an imbalanced physiological state. The aim of this Special Issue is therefore to gather the most recent scientific findings on the role of glucocorticoids in behavior whether in a positive or negative sense. Original manuscripts that address different aspects of this topic are invited.





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## Message from the Editor-in-Chief

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