

Special Issue

The Role of Emotions in Physical Exercise: Correlations with Neurophysiological Measures

Message from the Guest Editor

The interplay between emotions and physical exercise capacity has long been of interest, given their implications for sports performance and health situations. There has been increased interest in exploring how emotions and exercise capacity are related to the neurophysiological routes that mediate these responses. Hence, understanding how neurophysiological routes influence an individuals' capacity to overcome aversive sensations is fundamental to also understand how individuals can improve their exercise capacity. Of course, this relationship has implications not only from an individual perspective, but also from a public health and sports performance policy perspective. Thus, this Special Issue calls for papers that explore neurochemical and/or neurophysiological routes of emotions manifested during physical exercise. We welcome articles that explore how a multitude of neurochemical (neurotransmitters) and neurophysiological responses (brain activation, brain excitability, etc.) relate to perceived exertion, pleasure, mood, motivation, etc. in exercise contexts, thereby contributing to advancements in the integrative psychophysiological field.

Guest Editor

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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