

Special Issue

Neuromuscular Function and Movement Control

Message from the Guest Editor

Motor control describes the process by which the nervous system coordinates muscle activation resulting in performance of movements or actions. The ability for humans to control gross, as well as very intricate fine, actions is fundamental to human movement. In this Special Issue, “Neuromuscular Function and Movement Control”, we will include studies that address research questions on how the nervous system controls muscle function. This may involve investigation of neural pathways within the central nervous system (CNS) or the peripheral nervous system (PNS). Studies may employ tools including transcranial magnetic brain stimulation, transcranial direct current stimulation, peripheral nerve stimulation, DEXA, MRI, EMG and other associated technologies. Subject groups may include healthy individuals and/or those with neuromuscular disorders or injuries, such as spinal cord injury or traumatic brain injury.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Sports (ISSN 2075-4663) is a peer-reviewed scientific journal that publishes original articles, critical reviews, research notes and short communications in the interdisciplinary area of sport sciences and public health. It links several scientific disciplines in an integrated fashion, to address critical issues related to sport science and public health. The journal presents diverse original articles, including systematic and narrative reviews, cohort and case control studies, innovative randomized trials, and formative research using qualitative and quantitative methods with the aim to provide information for researchers to plan intervention programs. It addresses diverse public health, physical activity and exercise science topics.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.9 days after submission; acceptance to publication is undertaken in 5.5 days (median values for papers published in this journal in the second half of 2025).