

Special Issue

Advances in Neuromuscular Adaptations to Exercise, Environment, Injury, and Rehabilitation

Message from the Guest Editors

Neuromuscular adaptations to events such as exercise, environmental change, injury, or rehabilitation have always been an area of interest for researchers and practitioners. Additionally, the time course of the changes in the nervous and muscular systems responding to these events has also been monitored; however, limited information is available and contrasting findings were reported. Recent developments in technology have broadened our ability to examine the entire neuromuscular system (central nervous system, peripheral nervous system, and muscle). The aim of this Special Issue is to add to the existing body of literature that seeks to provide more information about neuromuscular adaptations and/or the time course to conditions such as exercise training, environmental changes, injuries, or rehabilitation. We welcome research studies that use traditional or novel techniques to examine and monitor neuromuscular parameters.

Guest Editors

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Deadline for manuscript submissions

closed (20 March 2024)



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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.

Editor-in-Chief

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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).