

Special Issue

The Intersection of Mind and Muscle: Motor Control and Psychology

Message from the Guest Editors

The intricate relationship between mind and movement has intrigued scientists since Helmholtz's pioneering studies of nerve conduction in the 1850s and James's Principles of Psychology in 1890. Once examined in isolation, the fields of motor control and psychology have increasingly converged, recognizing that cognitive, emotional, and motivational processes are inseparable from motor planning, execution, and learning.

Aim and scope of the special issue: research that explicitly investigates the neurological and psychological foundations of motor behavior—from fundamental mechanisms to clinical and sporting applications.

We highlight contemporary investigations into areas like the neural correlates of mental imagery and fatigue, the role of cognitive load in motor performance, psychomotor interventions in neurorehabilitation, and the impact of affective states on skill acquisition.

We solicit original research, reviews, and theoretical papers that bridge these domains, especially those using neuroimaging, psychophysiology, or behavioral approaches to elucidate the mind–muscle connection.

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Message from the Editor-in-Chief

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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