

Special Issue

Advances in Neurophysiology and Motor Behavior

Message from the Guest Editor

This Special Issue aims to improve our understanding of the motor system, including aspects related to motor control, motor learning and motor development (both in health and disease). We welcome studies from molecular, cellular, synaptic, circuit and behavioral levels, especially in an integrative perspective. We encourage submissions of both experimental and theoretical studies (including computational and systems modeling) in the form of research papers, short communications, case reports, commentaries and review articles. We expect the articles will cover a broad range of conditions (such as neuromodulation, physical activity, aging, gender, pain, rehabilitation settings, sports and others) associated with plastic changes in sensorimotor systems that modulate motor control and movement stability in different populations. We welcome submissions from a variety of disciplines, such as neuroscience, biomechanics, physiology, computational/mathematical modeling and others, as we believe the combination of different approaches has the potential to provide a better understanding of the interplay between neurophysiology and motor behavior.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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