

Special Issue

Neuromuscular Control of Human Movement

Message from the Guest Editor

The analysis of neuromuscular control is of particular importance in the aging process of an organism, as well as in the development of motor skills at various levels. Through strategically developing short- and long-term intervention programs, we are able to test the response of neurons and muscles in an individual's postural control. If the tests indicate that one or more of the subject's motor control systems do not work well, we recommend physical activity that is designed to retrain neurons, enabling the person to regain the use of dormant neurons and muscles. In addition, modern and innovative methods of obtaining and analyzing human movement data contribute to a deeper understanding of the problem of neuromuscular integration, both in healthy individuals and patients.

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.

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