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Underlying Mechanisms of Neuromuscular Function and Brain to Muscle Connectivity

Guest Editor:

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Deadline for manuscript submissions:
closed (15 June 2023)

Message from the Guest Editor

Dear Colleagues,

Neuromuscular control involves the integration of information between the central and peripheral nervous systems to control movement through coordinated muscle activity. Understanding this control system is important in sports to improve the efficiency of task performance and in neurorehabilitation to treat the consequential effects of neurological and neuromuscular disorders on mobility and balance.

This Special Issue focuses on studying the mechanisms of neuromuscular function and the communication between the central nervous system and muscles using advanced technologies. We welcome innovative research that applies state-of-the-art technology to understand the neurophysiology of neuromuscular function and motor recovery in aging populations, and in populations with disorders in the central nervous system or the peripheral nervous system (autoimmune diseases such as myasthenia gravis, peripheral neuropathy, muscular dystrophy, etc.). We are accepting original research studies, clinical reports, reviews, perspectives, and opinion articles.

Dr. Soha Saleh

Guest Editor

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Message from the Editor-in-Chief

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