



toxins



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Effects of Botulinum Toxin on Functional Recovery after Injuries of Nervous System

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Message from the Guest Editor

Botulinum toxins (BoNTs) are extensively used for their therapeutic efficacy in human pathologies, characterized by excessive muscle contractions due to hypercholinergic dysfunctions. In recent years, a number of experimental and clinical studies provided positive evidences for the efficacy of BoNTs in facilitating motor and functional recovery after traumatic injuries of nervous systems. This Special Issue is particularly devoted to collecting the most recent research on the effects of BoNTs in all those conditions where impairments of motor function are the consequence of traumatic injuries on the nervous system. The ambitious purpose of this Special Issue is to provide an up-to-date picture of the state of art on the development of novel BoNT applications to ameliorate the functional recovery after motor impairment resulting from trauma to the brain, the spinal cord or the peripheral nerves, such as spasticity after stroke, paralysis after spinal cord injury, hemiparesis after peripheral nerves degeneration, and so on.



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