

Special Issue

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

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.

Guest Editor

Dr. Siro Luvisetto

Institute of Biochemistry and Cell Biology, National Council of Research of Italy, Via Ercole Ramarini 32, 00015 Monterotondo, Italy

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Toxins
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxins@mdpi.com

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Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

Prof. Dr. Jay Fox

Department of Microbiology, University of Virginia, Charlottesville, VA,
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