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Clinical Application of Botulinum Toxin

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Message from the Guest Editor

Botulinum toxin has been approved for many disorders, including movement disorders, autonomic disorders (i.e., secretory, bladder), pain, and ophthalmologic uses. Among movement disorders, it has revolutionized the treatment of focal spasticity of upper and lower limbs, focal dystonias, and some other rare conditions. In spasticity and dystonia, the mode of action of botulinum toxin is complex and is not only based on a blockage of acetylcholine release at the neuromuscular junction, leading to muscle weakness.

The focus of this Special Issue of *Toxins* will be on botulinum toxin treatment of movement disorders, in all its aspects: Treatment outcomes in focal spasticity, dystonias, tremors, and other movement disorders; effects of different serotypes; dosing and side effects; antigenicity; evidence-based medicine; guided injection techniques (ultrasound, EMG, stimulation, imaging); sensorimotor aspects of mode of action; and others.













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Message from the Editor-in-Chief

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