toxins

IMPACT FACTOR 4.2

Indexed in: PubMed

CITESCORE 7.5

an Open Access Journal by MDPI

Clinical Application of Botulinum Toxin

Guest Editor:

Prof. Dr. Markus Naumann
Department of Neurology and Clinical Neurophysiology, Academic Hospital, Klinikum Augsburg, Augsburg 86156, Germany

Deadline for manuscript submissions:
closed (31 August 2022)

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.

toxins

IMPACT FACTOR 4.2 | Indexed in: PubMed | CITESCORE 7.5

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jay Fox
Department of Microbiology,
University of Virginia,
Charlottesville, VA, USA

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.
Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q1 (*Toxicology*)

Contact Us

Toxins Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxins
toxins@mdpi.com
𝕏@Toxins_Mdpi