







an Open Access Journal by MDPI

Clinical Application of Botulinum Toxin 2.0

Guest Editor:

Prof. Dr. Markus K. Naumann

Department of Neurology and Clinical Neurophysiology, University of Augsburg, 86159 Augsburg, Germany

Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editor

This is a second adaptation of the previous Special Issue, which attracted several papers on the clinical use of botulinum toxin. This Special Issue also intends to unite papers on such a topic. Botulinum toxin, the most potent biological toxin, has become a powerful therapeutic tool for a growing number of clinical applications. It has been approved for many disorders (including movement disorders and autonomic disorders (i.e., secretory and 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.

This Special Issue of *Toxins* explores the botulinum toxin treatment of movement disorders, in all its aspects, including treatment outcomes in focal spasticity, dystonias, tremors, and other movement disorders; the effects of different serotypes; dosing and side effects; antigenicity; evidence-based medicine; guided injection techniques (ultrasound, EMG, stimulation, and imaging); sensorimotor aspects of mode of action; and others.













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, peerreviewed 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 <u>article processing charges (APC)</u> 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