



toxins

IMPACT
FACTOR
3.9

Indexed in:
PubMed

CITESCORE
7.5

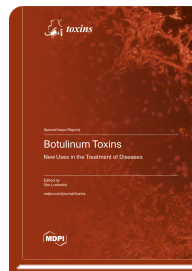
Special Issue Reprint

Botulinum Toxins: New Uses in the Treatment of Diseases

www.mdpi.com/books/reprint/7914

Edited by
Siro Luvisetto

ISBN 978-3-0365-8828-5 (Hardback)
ISBN 978-3-0365-8829-2 (PDF)



Animal and clinical studies have extensively reported the therapeutic efficacy of botulinum neurotoxins in many diseases characterized by excessive muscle contractions. The therapeutic effects of botulinum neurotoxins originate from their elective action as inhibitors of cholinergic transmission, this fact has given extraordinary support to the clinical use of botulinum neurotoxins in pathologies such as dystonia, torticollis, blepharospasm, and many others originating from hypercholinergic dysfunctions. Today, the list of human pathologies in which treatment with botulinum neurotoxins produces favorable results is constantly growing. This reprint presents a collection of research into new therapeutic applications of botulinum neurotoxins. Review and research articles discussing animal models, clinical studies, case reports, and off-label indications are presented. The goal of this reprint is to provide an updated framework regarding the development of new applications of botulinum neurotoxins to enable their future clinical use.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7914

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.