

Special Issue

Safety of Botulinum Neurotoxins in Temporomandibular Disorders

Message from the Guest Editor

Botulinum neurotoxin is widely used to treat disorders related to muscle hyperactivity. Injected directly into affected muscles, it causes chemical denervation and deep, long-lasting relaxation. In recent years, multidisciplinary groups have actively investigated its use to treat temporomandibular disorders (TMDs). While evidence supports the beneficial effects of botulinum toxin in specific cases of refractory masticatory muscle pain, further studies are critical to establish guidelines and prevent adverse effects. Furthermore, given the wide variety of existing TMD management modalities, the exact role of botulinum neurotoxin compared to alternative therapies requires clarification. This Special Issue of *Toxins* aims to evaluate the efficacy, safety and comparative outcomes of botulinum toxin in patients with TMDs. Specifically, the Issue focuses on studies examining the ability of this toxin to reduce pain and improve function relative to other therapeutic procedures. Researchers are invited to contribute original research and reviews to this Issue, advancing global knowledge and clinical practices for temporomandibular disorders.

Guest Editor

Dr. Luis Miguel Gonzalez-Perez

Department of Oral and Maxillofacial Surgery, Virgen del Rocío University Hospital, University of Seville, 41013 Seville, Spain

Deadline for manuscript submissions

31 January 2027



Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.3
Indexed in PubMed



mdpi.com/si/282012

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

[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)





Toxins

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.3
Indexed in PubMed



[mdpi.com/journal/
toxins](https://mdpi.com/journal/toxins)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Jay Fox

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Toxicology) / CiteScore - Q1 (Toxicology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2026).