toxins

IMPACT FACTOR 4.0
Indexed in: PubMed
CITESCORE 8.2

an Open Access Journal by MDPI

Venom Proteomics and Transcriptomics

Guest Editors:

Prof. Dr. Edwin A. De Pauw
Mass Spectrometry Laboratory (MSLab), MolSys Research Unit, University of Liège (ULiège), Allée du six août 11, 4000 Liège, Belgium

Prof. Dr. Loïc Quinton
Laboratory of Mass Spectrometry - MolSys Research Unit, Allée du six Aout 11 - Quartier Agora - B4000 -Liège 1 - Belgium

Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editors

The deep analysis of venoms is receiving growing interest supported by important advances in sequencing methods, both at the nucleic acid and at the proteins/peptide level. The final toxins present in venoms can be characterized in detail, from their primary structure to their 3D fold. The level of detail that can be reached using mass spectrometry with only tiny amounts of sample opens new ways to characterize single organism toxins and to differentiate venoms from similar species of different geographical origin. The emphasis of this Special Issue will be on papers in which the methodological advances bring real breakthroughs and in which the complementarity of the approaches show a significant added value. Promising separation methods such as capillary electrophoresis and ion mobility are desired, as well as the 2D molecular mapping of venom glands by mass spectrometry imaging.

mdpi.com/si/25997

Special Issue

toxins

an Open Access Journal by MDPI

IMPACT FACTOR 4.0

Indexed in: PubMed

CITESCORE 8.2

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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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