Special Issue

Drug Development Using Natural Toxins

Message from the Guest Editor

Natural toxins are poisonous substances produced by bacteria, insects, animals, or plants. They cause pain, disease, and even death to victims, but they also provide humans with a rich resource for new drugs for a variety of targets, from pain to lethal diseases. Toxins have long been used to treat diseases globally, but they have not been studied enough as a drug candidate. Bee venom, one of the most widely used toxins used for therapeutic purposes, still applies to efficacy and safety as a remedy for many diseases. It is at the beginning stage of drug development studies, with other poisons such as those from snake, scorpion, and toad venoms. Toxic medicinal plants, which have been used in traditional medicine for a long time, are highly valuable in drug development as well as in treating various diseases. This Special Issue aims to provide a comprehensive view of natural toxins having therapeutic potential. We hope that researchers will share their valuable studies using natural toxins for drug development.

Guest Editor

Dr. Gihyun Lee

College of Korean Medicine, Dongshin University, 67 Dongshindae-gil, Naju 58245, Republic of Korea

Deadline for manuscript submissions

closed (31 December 2020)

Toxins

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/31822

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

mdpi.com/journal/toxins

Toxins

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 8.2
Indexed in PubMed

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 - Q1 (Toxicology) / CiteScore - Q1 (Toxicology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).

MDPI