



The Contribution of the Analysis and Scientific Research of Toxins on Forensic Toxicology

Guest Editors:

Dr. Matteo Antonio Sacco

Institute of Legal Medicine,
Department of Medical and
Surgical Sciences, University
Magna Graecia of Catanzaro,
Catanzaro, Italy

Prof. Dr. Isabella Aquila

Institute of Legal Medicine,
Department of Medical and
Surgical Sciences, Magna Graecia
University of Catanzaro, 88100
Catanzaro, Italy

Deadline for manuscript
submissions:

closed (31 August 2024)

Message from the Guest Editors

The aim of this Special Issue is to emphasize the contribution that forensic sciences and forensic pathology could offer in the biological study of toxins through the analysis of the cadaver and of intoxications or deaths related to toxins in various cases of exposure. Therefore, this Special Issue aims to emphasize the negative effects that toxins can cause on human tissues or organs and the contribution that postmortem investigations, such as autopsy, can offer.

In this direction, this Special Issue places emphasis on the birth of a real branch, such as "forensic toxicology", useful for investigating biological mechanisms and toxicity through the postmortem study of tissues and biological samples from cadaver. From this perspective, to date, no standardized analysis protocols have been developed for the study of toxins on corpses, with limitations still evident in cases of the analysis of suspected poisoning or human exposure. This Special Issue welcomes the submission of all contributions that analyze the negative effects of various toxins on the human body (food, environmental, microbiological, animal) and that propose new research investigation protocols.





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, 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](#)