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Venoms and Toxin-Mediated Local Manifestations

Guest Editors:

Dr. Jacqueline Sachett

Higher School of Health Sciences,
Amazonas State University,
Manaus 69065-001, Amazonas,
Brazil

Dr. Anna Tupetz

Division of Emergency Medicine,
Duke University School of
Medicine, Durham, NC 27708,
USA

Dr. Marco Sartim

Research & Development
Department, Nilton Lins
Foundation, Manaus 69058-030,
Brazil

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Message from the Guest Editors

Snake envenomation can trigger local and systemic manifestations that result in several complications according to the composition of the venom. Among these complications, local venom-induced effects are the most common, since snake bites usually occur in the extremities of the body. In addition, antivenom treatment is known to be very effective for neutralizing systemic effects but less so in peripheral tissues.

So far, there are few preclinical and clinical studies on local manifestations following snake bites, and those that do exist are typically published in an isolated manner and in different types of journals. Therefore, this Special Issue aims to put together a series of innovative studies on snake bites, including the mechanisms for understanding the complexity of the related local pathophysiology and the challenges involved in their treatment.

Original research, case reports, reviews, and mini-reviews articles of local snakebite manifestations, complications that describe secondary infections, necrosis, muscle loss, compartmental syndrome, amputations, inflammatory mediators, and in vitro and in vivo related studies are very welcomed.



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Special Issue



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Editor-in-Chief

Prof. Dr. Jay Fox

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

Message from the Editor-in-Chief

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Contact Us

Toxins Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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