Special Issue

Bee and Wasp Venoms: Biological Characteristics and Therapeutic Application

Message from the Guest Editor

Bee or wasp venom therapy is the therapeutic application of honeybee venom or wasp venom to the treatment of various diseases. Venoms from either honeybees or wasps are known to possess a wide variety of pharmaceutical properties. Recent studies using these venoms have demonstrated diverse mechanisms on a range of conditions. However identification of a single constituent out of the venom, the possible mechanisms, and a justification of the route of application and formulation are essential in the future. Understanding of signalling pathways associated with the compound-mediated in vivo dynamics and further communication between cells at the molecular level will facilitate the development of new therapeutics.

Guest Editor

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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.

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