



toxins



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Bee and Wasp Venoms: Biological Characteristics and Therapeutic Application

Guest Editor:

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Deadline for manuscript submissions:

closed (1 August 2015)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Sokcheon Pak
Guest Editor



mdpi.com/si/3989

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Message from the Editor-in-Chief

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