



## Animal Venoms

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### Message from the Guest Editor

Dear Colleagues,

Animal venoms are extremely rich and complex natural sources of bioactive molecules that display a variety of molecular targets and functions. The most represented venom compounds are peptide toxins active on ion channels (e.g. ion channel blockers). Because these molecules are often highly potent with potential clinical value, some of them are currently being structurally optimized and developed as candidate drugs to treat specific human pathologies (e.g. autoimmune disorders). This special issue of *Toxins* deals with the various aspects of venomous compounds, including structural features, pharmacology, structure-activity relationships, toxin-based drug design, lead/peptide engineering and development as chemotherapeutic agents.

Dr. Jean-Marc Sabatier

*Guest Editor*





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## Message from the Editor-in-Chief

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