



Long History of Snake Toxins: The 60th Anniversary of the α -Bungarotoxin Discovery

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In 1963, Chang and Lee published their paper that described the isolation of several neurotoxins from the venom of the multi-banded krait *Bungarus multicinctus*. Among the isolated toxins was α -bungarotoxin. This toxin laid the foundation for the discovery of an entire family of proteins, which is now called the Ly6/uPAR family. This year not only commemorates the 60th anniversary of the α -bungarotoxin discovery, but it is also the 50th anniversary of the research on animal toxins at the Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry Russian Academy of Sciences. The first paper that described the amino acid sequence of neurotoxins from cobra venom determined at the Shemyakin Institute of Chemistry of Natural Products USSR Academy of Sciences was published in 1973. A variety of works devoted to various aspects of the study of toxins have been published by the Institute. Original research papers and comprehensive reviews that report discoveries, structure elucidation and biological activity studies of animal toxins are welcome. Historical essays in toxinology will also be considered.

Prof. Dr. Yuri N. Utkin
Guest Editor





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