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Title:	Secretory PLA2 specific single domain antibody neutralizes Russell viper venom induced cellular and organismal toxicity
Authors:	Kaur, M. (/jspui/browse?type=author&value=Kaur%2C+M.) Dubey, A. (/jspui/browse?type=author&value=Dubey%2C+A.) Khatri, M. (/jspui/browse?type=author&value=Khatri%2C+M.) Sehrawat, S. (/jspui/browse?type=author&value=Sehrawat%2C+S.)
Keywords:	Phage display Monoclonal Ab sdAb RVV envenoming
Issue Date:	2019
Publisher:	Elsevier
Citation:	Toxicon, 172, pp. 15-18.
Abstract:	Despite continued destruction of human lives by snakebites, appreciable improvements in immunotherapies have not been made. We selected and characterized venom-specific single domain antibodies (sdAbs) from a constructed phage display library of camelid variable region of heavy chain of the heavy chain antibodies (VHHs). Secretory phospholipase A2-specific sdAbs neutralized venom-induced toxicity in vitro and in vivo. Such monoclonal sdAbs could serve as an alternative to help manage snakebites to save lives.
URI:	https://www.sciencedirect.com/science/article/pii/S0041010119307238?via%3Dihub (https://www.sciencedirect.com/science/article/pii/S0041010119307238?via%3Dihub) http://hdl.handle.net/123456789/1754 (http://hdl.handle.net/123456789/1754)
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