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TOXIC RISKS ASSOCIATED WITH APITHERAPY PRODUCTS

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Article history:	ABSTRACT
Received,	The history of honeybee products utilization for medicinal applications dates
15 November 2021	back thousands of years. Today, the benefits attributed to these products by
Accepted,	traditional medicine are confirmed by scientists, research data revealing
25 January 2022	antibacterial, antifungal, anti-inflammatory, cytotoxic and antihepatotoxic
Keywords:	activities for honey, propolis, royal jelly and bees' pollen. The paper
Antibiotics;	addresses the problem of toxicological risk assessment of honey and related
Heavy metals;	products. Although there is substantial scientific data to sustain the use of
Mycotoxins;	apitherapy as a prophylactic tool, as well as treatment for several medical
Pesticides;	conditions, the quality and safety of these products needs to be carefully
Phytotoxins.	assessed. Several contaminants and toxic compounds have been identified
	in honeybee products (phytotoxins, heavy metals, pesticides, antibiotics, 5-
	hydroxymethylfurfural, mycotoxins), and, in some cases, the presence of
	these compounds was associated with severe outcomes.