

Antihypertensive effects of natural honeybee products: A review

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Oxidative stress is associated with increased generation of oxidizing molecules parallel to a significant decrease in the endogenous total antioxidant capacity. It represents an important pathological hallmark in several disorders, including cardiovascular conditions such as hypertension, and atherosclerosis, and neurodegenerative diseases such as Parkinson's disease, and Alzheimer's disease. Naturally occurring antioxidants are largely used as dietary supplements to attenuate oxidative stress in human disease. Honey bee products have attracted clinical interest due to their favorable pharmacological

and biological properties, including anti-aging, anti-tumoral, antimicrobial, antioxidant, anti-inflammatory effects. The presence of several important phytochemical classes, such as flavonoids, aromatic acids and phenolic components has been attributed to the beneficial effects of these products. This review evaluates current findings on the antihypertensive properties of honey products and their therapeutic relevance to the clinic.

Biography

Zeliha Selamoglu is a Professor in Medical Biology department of Ömer Halisdemir University, Turkey. She completed her PhD in Biology from Inonu University. She has published over 70 peer reviewed journal articles with over 500 citations and many technical reports. She is a member of Society for Experimental Biology and Medicine. She has served as an Editorial Board Member for many Journals.

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