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Immune enhancer of bee propolis

Propolis had been well documented in traditional medicine for treating systemic immune diseases, allergic diseases, viral diseases and organic-specific inflammatory diseases for more than one thousand years. During the last ten years, immunoregulatory and anti-inflammatory properties of propolis have been published. The therapeutic characteristics of propolis have been well known for a very long time. It has been used in folk medicine for different nations as early in Egypt as 3000 BC. It has recently become a subject of increasing interest for chemists and biologists. It had various biological and therapeutic activities. Propolis possesses variable biological activities activity was investigated on antiviral, antibacterial, fungicidal, anti-inflammatory, antitumor, antiparasitic, antioxidant, cytokines and immune response. This review was aimed to through more light on the enhancing activity of propolis on the immune response.

Biography

Ahmed Hegazi is currently a Professor of Microbiology and Immunology in the National Research Center, Egypt. He received his master's degree in 1979, and his PhD in 1981. His research work has been focused lately on bee products and their therapeutic effects. He organized and contributed to national and international research projects since 1977 and up till now; he has been the principal investigator on multiple research projects within the National Research Center. He has published 211 scientific papers and articles in national and international journals. He also served on the board of multiple national and international scientific journals. He is also the president of the Egyptian Environmental Society for Uses and Production of Bee Products, secretary of the Egyptian Society of Apitherapy, secretary general of the African Federation of Apiculture Associations, and a member of the International Apitherapy Commission. He was awarded; First Class Decoration of Excellence, Egypt, 1995, The Senior Scientist Prize of National Research Center, Cairo, Egypt, 1996, The National Scientific Prize In Biological Sciences, Egypt, 1990, The Scientific Prize of The National Research Center, Cairo, Egypt, 1989, The Second Best Research Paper Award, International Congress of Propolis, Buenos Aires, Argentina, 2000, Main Speaker Award, 10th Academic Conference, PRA and NAS, Japan, 2006, 2 Bronze medals from The International Innovation Fair of the Middle East, Kuwait, 2007 Awarded of Ghazi Wad Allah Salon Prize, 2008, Finally awarded the Merit Award in Medical Sciences, National Research Centre, Egypt, 2016 and have 4 patents.

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