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Anti-parasitic activity of propolis

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Propolis (bee glue) is a resinous hive product, collected from various plant sources. It has been long used in folk medicine of different nations as early in Egypt as 3000 BC. It has attracted much attention as a useful material applied in medicine due to its pharmacological and biological activities. Researchers have been interested in the investigation of isolated compounds responsible for propolis action; since propolis containing products have been marketed and humans have used propolis for different purposes. The efficacy of propolis in different protocols *in vitro* and *in vivo* suggests its therapeutic properties. Recently, attention is being focused on the anti-parasitic activity of propolis, the goal of this review is to discuss the potential of propolis for the development of new drugs, by comparing data from the literature that suggest candidate areas for the establishment of drugs against parasites.

Biography

Eman Hussien Abdel-Rahman is currently working as Professor in National Research Center-Dokki, Cairo, Egypt since 2005. In 1990, she was appointed as Assistant Researcher, in 1995, as Researcher, in 2000, as Associate Professor, in 2005, as Professor at the National Research Center-Dokki, Cairo, Egypt. She received her B Sc in Zoology in 1981 and M Sc & PhD in Immunoparasitology in 1990 and 1995 respectively, both from Cairo University, Egypt. Her current research interests are immunoparasitology, biological control, DNA technology, glycoprotein antigens and parasitology.

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