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Immunomodulators of medicinal plants

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Miraculous effects medicinal plants manifest in curing a vast range of diseases and disorders affecting humans so, we can be better called as “elixirs of life.” During the last decay, there is much-growing interest in the use of these medicinal plants as modulators of the complex immune system. To explore of the immunomodulatory properties of many of the chemicals in the medicinal plants in the form of alkaloids, flavonoids, terpenoids, polysaccharides, lactones, and glycoside products which are responsible to cause alterations in the immune response. The aim of this review with a purpose to globally popularize the medicinal plants has a role of immunomodulation.

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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