

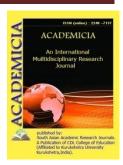
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A BRIEF STUDY ON AZADIRACHTAINDICA (NEEM)

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ABSTRACT

Neem (Azadirachtaindica) belongs to the Meliaceae family and is known for its health-promoting properties due to its high antioxidant content. It has long been utilized in Chinese, Ayurvedic, and Unani medicine, particularly in the Indian Subcontinent, to cure and prevent a variety of illnesses. An earlier discovery showed that neem and its components have a function in free radical scavenging and disease etiology prevention. According to animal research, neem and its main components have a key role in anticancer control by modulating a number of molecular pathways, including p53, pTEN, NF-B, PI3K/Akt, Bcl-2, and VEGF. It is regarded as a safe therapeutic herb that regulates a variety of biological processes without causing harm. I outline the function of Azadirachtaindica in illness prevention and therapy through the control of different biochemical and physiological processes in this paper. This paper can be used for future work for further study on Neem.

KEYWORDS: Azadirachtaindica, Botanical Description, Effects, Healing, Neem.

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