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Pharmacological Activities of Cathranathusroseus

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Abstract: Ayurveda is the Indian traditional system of medicine which focuses on the medical potential of plants. Catharanthusroseus is one plant recognized well in Ayurveda. It is known for its anti-diabetic, anti-microbial, wound healing, Anti-diarrhoeal, anti-oxidant and antiulcer. It is an evergreen plant first originated from islands of Madagascar. The flowers may vary in colour from pink to purple and leaves are arranged in opposite pairs. It produces nearly 130 alkaloids mainly vinceine, resperine, vincristine, vinblastine and raubasin. Vincristine and vinblastine are used for the treatment of various types of cancer such as Hodgkin's disease, breast cancer, skin cancer and lymphoblastic leukemia. It has high medicinal values which need to be explored extensively.in this review paper we are focusing on the plant providing the various pharmacological activities by using various in-vivo as well as in-vitro models.

Keywords: Alkaloids, Catharanthusroseus, Vinblastine, Vincristine, Vincristine, Anti-Cancer

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