

Medicinal Plants and Cancer

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Medicinal plants are considered as a rich source of wide variety of ingredients which can be used for the development of drug. Cancer is a one of the deadly diseases which is characterized by irregular cell proliferation. It is the major health issue in developing and developed countries. The most common reason behind the cancer is changing lifestyle and due to this it become a global problem across the world. Thus there is an urgent need to find better treatment possible for this disease. As chemotherapy and radiation therapy causes various side effects, so there is a necessity to discover novel agents for the treatment of this disease; it could be possible with the use of naturally occurring compounds [1].

Cancer is one of the major problems affecting public health worldwide. As other cultures, the populations of the Near East rely on medicinal herbs and their preparations to fight cancer. The ethno pharmacology of the Near East was influenced by Arabic and Islamic medicine and might be promising for developing new natural and safe anticancer agents. Further research is required to elucidate their cellular and molecular mechanisms and to estimate their clinical activity [2].

Globally cancer is one of the commonly life-threatening diseases which severely affect the human being. It is recognized by the uncontrollable division of cells. There is a demand for new methods to prevent this disease. Conventional therapies have several adverse effects on the on healthy cells, therefore, an alternative and effective medication are required to combat this disease. Benefits of using plant derive product over synthetic medicine have increased the importance of medicinal plants in the field of healthcare. Many plants derive product shows potent in cancer treatment by inhibiting cancer activating enzymes, stimulate DNA repair mechanism, induce antioxidant action, and promote protective enzymes production [3].

References

1. Dias DA., et al. "A Historical Overview of Natural Products in Drug Discovery". *Metabolites* 2.2 (2012): 303-336.
2. Abu-Darwish., et al. "Medicinal Plants from Near East for Cancer Therapy". *Front Pharmacol* 9 (2018): 56.
3. Bharadvaja N. "Medicinal Plants in the Management of Cancer: A Review". *Int J Complement Alt Med* 9.1 (2017): 1-6.

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