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## The effectiveness of *Artemisia annua* in the treatment of cancer in cancer-induced rabbits

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Cancer is a life-threatening disease being the leading cause of death. Statistics by the Cancer Research UK showed that the worldwide cancer deaths reached 8.2 million deaths in 2012. Although chemotherapy, radiotherapy and surgical interventions are most common but are with limited efficacy, for this reason scientists are coming up with more therapies with greater efficacy. Natural products have always been preferable and recent studies showed that an herb that has an anti-tumor effect. *Artemisia annua* is a Chinese herb traditionally used in the treatment of malaria; after further studies, it was found that its derivatives are effective in the treatment of cancer and prevent its relapse, and therefore can be used as an alternative to chemical, radiological or surgical interventions. *Artemisia annua* products like artemisinin and other derivatives have potent antitumor activity in sensitive cell line. Other biological activities reported regarding the compound derivatives of *Artemisia* include the following activities: antibacterial, anti-inflammatory, angiotensin converting enzyme inhibitor, plant growth regulatory and cytokinin-like activity. This study was carried out in cancer-induced rabbits followed by injecting the *Artemisia* herb extract. It is recommended that further experiments need to be carried out with more controlled experimental conditions and for a longer period of time to gain more accurate results; and more accurate doses need to be used during the experiment. More investigations towards the effect of *Artemisia annua* also should be put under consideration.

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