

The inhibition effect of the garlic derived compounds on breast cancer

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The use of herbal remedies has been increased because of the use of synthetically produced drugs as it disrupts the balance in human metabolism. The discovery of active substances in the contents of plants used as traditional drugs and their role in diseases increases the importance of this field. In particular, the use of new alternative drugs in the treatment of cancer-type diseases is inevitable. In order to utilize medicinal plants in this sense, it is necessary to discover the active substances and to try one by one, both costly and a very long time. In computational chemistry, selecting all the possible properties of molecules with the help of a program and calculating the effect on the molecular structure that causes the disease is the most appropriate active ingredient and its abundant plant is a

method that will reduce the process and cost in the treatment of the disease. In this study, we present a reliable theoretical approach on the therapeutic effect of the active substances in the garlic which are consumed in daily life and recommended to be consumed on breast cancer which is very common in women and it is a guiding study for the experimental research. The active ingredients in these conventionally known drugs, especially the breast cancer I investigated here, can be effective in other types of cancer and will be a necessary starting point for those working in this field. The effects and results of such studies are of utmost importance for the health, future and peace of all.

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