Abstract

An investigation has been carried out to find out the anti cancerous compounds can exhibit anti diabetic against aldose reductase. Diabetes and cancer are common diseases worldwide. In our study we have taken 17 anti cancerous compounds from inhouse chalcones database to perform docking studies. It reveals that there are some compounds which are binding with high
affinity than the average docking score -126.048 kcal/mol of ligands of the 1AH3 protein. The anti cancer compounds exhibit high docking score than the average -126.048 kcal/mol. The anti cancer compound can be used as anti diabetic.

Reference

- Edward Giovannucci Et Al, Diabetes Care, Volume 33, Number 7, July 2010

Index Terms

Computer Science

Bio-Informatics
Key words
Bioinformatics Docking studies anti cancer anti diabetic