

6. Conclusion

The result of both *in vitro* and *in silico* study confirming the great potential of these plants used in North Gujarat ethanomedicine for the production of bioactive compounds and are useful for rationalizing the use of this medicinal plant in primary health care. UTI in humans were considered the most serious health problem facing the world. Traditional herbal therapy not only controls the disease but also improves the overall immunity and health status of an individual.

In drug discovery process identifying compounds with good inhibitory activity is the crucial and basic step. This science is a never ending field of study that requires extensive and continuous study by the scientific fraternity of mankind.

The *in vitro* and *in silico* study can be effective used as initial filter for various disease of Cancer, TB, HIV, Malaria, Bacterial infection, Infertility female and Infertility male for drug discovery in academic and pharmaceutical industry.