1. To find out the antibacterial activity of the whole rhizome of *Glycyrrhiza glabra* and to find which layer of the rhizome is active against the bacteria.

2. To separate the compounds present in *Glycyrrhiza glabra* and purify the bioactive compound.

3. To elucidate the structure of the purified compound using Mass spectrometry, UV-Visible spectrometry, FT-IR and NMR.

4. To formulate a mouthwash with the crude cork extract and the purified compound from the rhizome of *Glycyrrhiza glabra*.

5. To study the mode of action of the cork extract and purified compound.

6. To examine the toxicity of the crude cork extract and the purified compound of rhizome of *Glycyrrhiza glabra*. 