Chapter 2
Aim and Objectives
2. Aim and objectives

2.1 Aim

Evaluation and validation of traditionally used medicinal plants for their hepatoprotective activity by employing suitable animal models.

2.2 Objectives

- Pharmacognostical and physicochemical Standardization of selected medicinal plant material as per WHO guidelines.
- Marker based HPLC analysis of selected medicinal plants extracts.
- *In-vitro* evaluation of selected medicinal plants extracts for antioxidant activity.
- *In-vivo* evaluation of selected medicinal plants extracts for hepatoprotective activity.
- *In-vivo* evaluation of bioactive extracts of selected medicinal plants for anti-inflammatory and immunomodulatory activity.
- Fractionation and isolation of possible phytoconstituents from bioactive extracts of selected medicinal plants.
- HPTLC standardization of bioactive extracts for isolated phytoconstituents.