2.0. AIM AND OBJECTIVES

The present study has been undertaken to find out the possibility of developing hepatoprotective drugs from the mangrove plant parts in the following aspects:

1. To standardize the protocol for the collection, identification, extraction and phytochemical analysis of mangrove plant parts.

2. To standardize the protocol for the hepatoprotective effect of chosen mangrove plant parts against carbon tetrachloride induced acute liver damage in rats.

3. To find out the in vitro antioxidant property of the most effective hepatoprotective leaf extract of Bruguiera cylindrica.

4. Standardization and quality evaluation of the most effective hepatoprotective leaf extract of Bruguiera cylindrica.