2. AIM AND OBJECTIVES OF THE STUDY

The primary aim of our study is to identify the molecular signature of cancer associated long non-coding RNA that acts as competing endogenous RNA in gastric cancer and the competing endogenous RNA network by combining gene expression analysis of selected long non-coding RNAs, mRNAs and candidate microRNAs shown to be associated with gastric adenocarcinoma. The objectives were:

- To profile the expression of cancer associated long non coding RNAs
- To determine the gastric cancer specific genes associated with diagnosis and prognosis
- To analyze the expression of differentially expressed microRNAs in gastric cancer
- To identify IncRNAs that act as competing endogenous RNA
- To develop CeRNA network specific to gastric cancer.