Aims and Objectives
AIMS AND OBJECTIVES

1. To examine the behavior of rapidly adapting receptors (RARs) and slowly adapting receptors (SARs) in a guinea-pig model of asthma.

2. To explore the roles of oxidative stress and nitrosative stress in the airway hyperresponsiveness (AHR) and the responses of these receptors in this model.

3. To determine whether a partial reversal of inflammation/AHR by dietary supplementation with the anti-oxidants - Vitamins C and E - would modify the changes in receptor activity produced by an increase in reactive oxygen species (ROS)/reactive nitrogen species (RNS) generation.